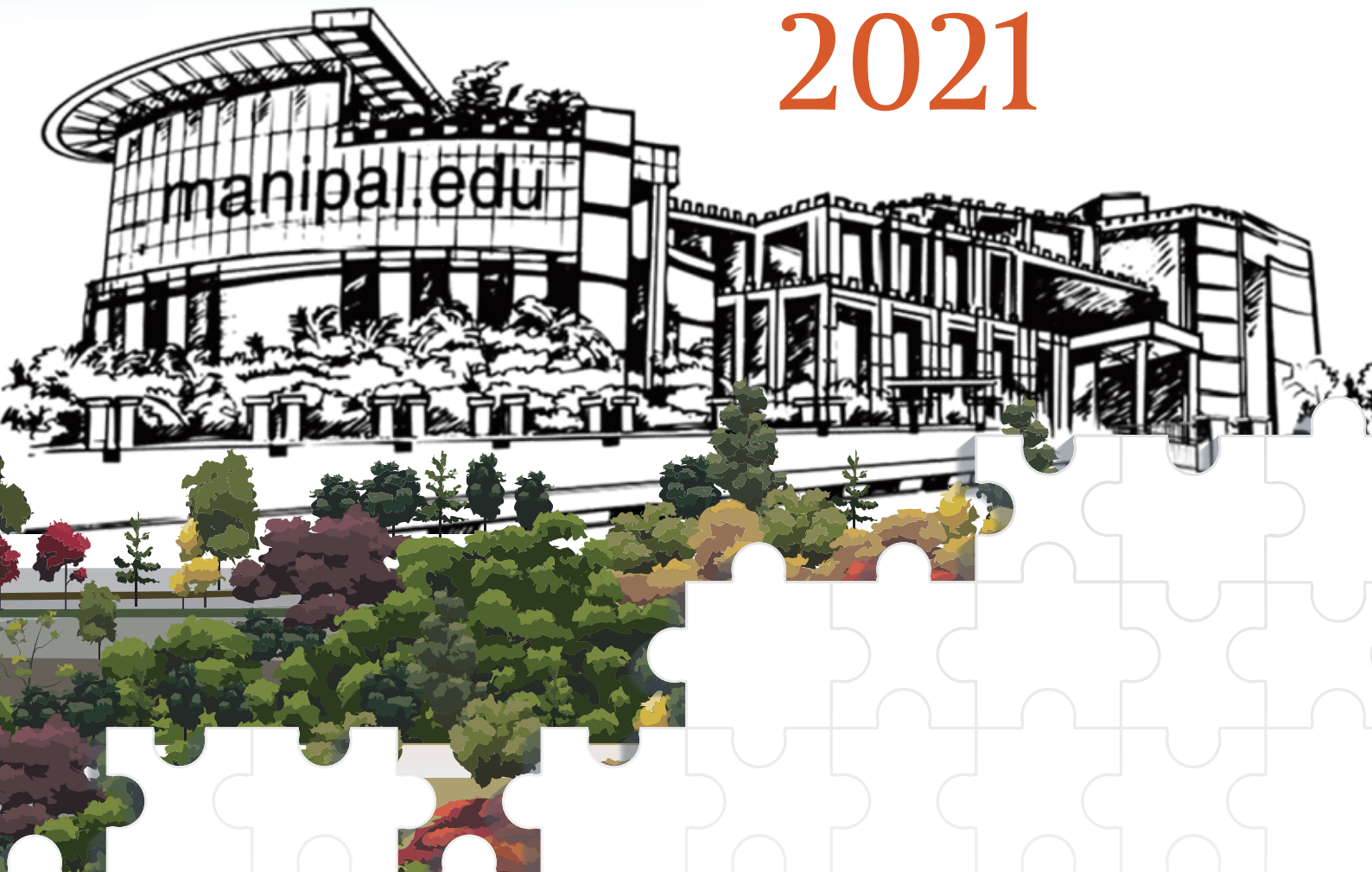




**MANIPAL**  
ACADEMY of HIGHER EDUCATION  
*(Institution of Eminence Deemed to be University)*

# ANNUAL REPORT 2021





Light dispels darkness.  
So too, education helps to remove the ills of the society

**Dr T M A Pai**  
Padmashree awardee  
1898-1979

**Annual Report of MAHE  
for the period 01-01-2021 to 31-12-2021**

Published by



(Declared under Section 3 of the UGC Act, 1956 vide notification no. F.9-8/89-U.3 dated 1st June 1993, of the Government of India)

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dated 14th October 2020, of the Government of India

Manipal -576 104, Karnataka Tel: 91 820 2571201  
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For and on behalf of the Board of Management



**Lt Gen (Dr) M D Venkatesh**  
Vice Chancellor

# Editorial Board

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Lt Gen (Dr) M D Venkatesh  
Vice Chancellor

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Pro Vice Chancellor

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Registrar

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Professor and Head, Manipal Center for European Studies  
Chief Editor, MUP

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## **Dr Christopher Sudhakar**

Director Quality

## **Editorial Assistance**

Team Quality & MUP

## **Photographs**

Audio Visual Department, MAHE

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Queries and suggestions if any, please Email to: [stats.bureau@manipal.edu](mailto:stats.bureau@manipal.edu)

Ph: 0820 2922695

**Vice Chancellor**

**MAHE**

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# Acronyms

MAHE	Manipal Academy of Higher Education, Manipal
KMC Manipal	Kasturba Medical College, Manipal
KMC Mangalore	Kasturba Medical College, Mangalore
MCOPS	Manipal College of Pharmaceutical Sciences, Manipal
MCODS Manipal	Manipal Collge of Dental Sciences, Manipal
MCODS Mangalore	Manipal College of Dental Sciences, Mangalore
MCON	Manipal Collge of Nursing, Manipal
MSON	Manipal School of Nursing, Manipal
MMMC Manipal	Melaka Manipal Medical College, Manipal
MCHP	Manipal College of Health Professions, Manipal
MSLS	Manipal School of Life Sciences, Manipal
MIRM Bangalore	Manipal Institute of Regenerative Medicine, Bangalore
PSPH	Prasanna School of Public Health, Manipal
MIV	Manipal Institute of Virology, Manipal
CIMR	Centre for Integrative Medicine and Research, Manipal
MIT Manipal	Manipal Institute of Technology, Manipal
MSAP	Manipal School of Architecture & Planning, Manipal
WGSHA	Welcomgroup Graduate School of Hotel Administration, Manipal
DAHS	Department of Allied Hospitality Studies Manipal
WACA	Welcomgroup Academy of Culinary Arts, Manipal
MSIS	Manipal School of Information Sciences, Manipal
MIM	Manipal Insitute of Management, Manipal
DOC	Department of Commerce, Manipal
DAMP	Department of Atomic & Molecular Physics, Manipal
ICAS	International Center for Applied Sciences, Manipal
MIC	Manipal Institute of Communication, Manipal
MCES	Manipal Centre for European Studies, Manipal
GIR	Department of Geopolitics & International Relations, Manipal
MCH	Manipal Centre for Humanities, Manipal
MCNS	Manipal Centre for Natural Sciences, Manipal
MMMC Melaka	Melaka Manipal Medical College - Melaka campus, Malaysia
KH	Kasturba Hospital, Manipal
MHS Bangalore	Manipal Health Systems, Bangalore
TCQM	Transdisciplinary Centre for Qualitative Methods, PSPH

PHESA	Public Health Evidence South Asia, PSPH
MARG	Manipal Advanced Research Group
MCCR	Manipal Centre for Clinical Research
TAPMI	T A Pai Management Institute, Manipal
GOI	Government of India
MPH	Master of Public Health
MSW	Master of Social Work
CSE	Computer Science Engineering
E&C	Electronics & Communication
ICT	Information & Communication Technology
OE	Open Electives
OBE	Outcome Based Education
OIAC	Office of International Affairs & Collaborations
CCC	The Cultural Coordination Committee
IIA	Inter Institution Agreement
CCEID	Centre for Continuing Education and Interprofessional Development
VSO	Volunteer Service Organisation
MCI	Medical Council of India
GoK	Government of Karnataka
CPD	Continuing Professional Development
CME	Continuing Medical Education
CDE	Continuing Dental Education
CNE	Continuing Nursing Education
IoE	Institution of Eminence
USA	United States of America
OPAC	Online Public Access Catalogue
NITK	National Institute of Technology Karnataka, Surathkal
PHFI	Public Health Foundation of India
UAE	United Arab Emirates
IAESTE	International Association for Exchange of Students for Technical Experience
AIESEC	Association internationale des étudiants en sciences économiques et commerciales (International Association of Students in Economic and Commercial Sciences)
MUTBI	Manipal Universal Technology Business Incubator
FIVV	Fortune Inn Valley View
SODA	School of Design and Architecture, MAHE Dubai
SOLS	School of Life Sciences, MAHE Dubai
SOMC	School of Media & Communication, MAHE Dubai
DOAH	Department of Arts & Humanities, MAHE Dubai



# Messages

# MESSAGE



Manipal Academy of Higher Education has been progressing very well in its effort to maintain excellence in different parameters of the university administration. Its status as an “Institution of Eminence” has given its faculty and students a strong impetus to move ahead with greater confidence and dedication.

A handwritten signature in blue ink, which appears to read 'Ramdas M. Pai'. The signature is fluid and cursive.

Dr Ramdas M Pai  
Chancellor



# MESSAGE



With a firm footing on dedicated and progressive effort, the Manipal Academy of Higher Education (MAHE) has been able to secure impressive national rankings among Indian universities. Its teaching and learning outcomes and graduation programs have been key factors in getting this recognition. The conferment of “Institution of Eminence” status on MAHE has kindled greater confidence and a spirit of dedication on the part of all concerned to make the best use of its recognition and keep up its national presence with a global outlook. This Annual Report, I am sure, will highlight its accomplishments.

A handwritten signature in blue ink, appearing to read 'H S Ballal', with a flourish at the end.

**Dr H S Ballal**  
Pro Chancellor



# MESSAGE



There are signs that we are at the edge of the worst impacts of COVID-19. While the pandemic is not yet over, I am hopeful that this will be a more normal academic year for our students and staff, with the excellent face-to-face teaching, research, and on-campus activities for which Manipal Academy of Higher Education (MAHE) is known. This report reflects on how we have navigated the challenges we have faced during this period but also highlights our outstanding achievements and ambitious plans for the future.

This was another year in which the lives and the work of our students, staff, and the communities that we serve were affected by COVID-19. Our response to the changing and changeable nature of teaching, learning, and working has included ground-breaking research into the local, regional, India-wide, and global repercussions of COVID-19; an unprecedented level of financial, digital, pedagogical, practical, and wellbeing support for our students and staff; and the forging and strengthening of partnerships and collaborations across the country and the world.

We have improved our National Institutional Ranking Framework (NIRF) ranking to seven and maintained our position in the QS world ranking. Overall, despite the pandemic, MAHE made significant progress on all fronts. We also signed many important agreements with some of the leading top universities of the world for academic and research collaborations. This report features highlights of the year and examples of projects, initiatives, and collaborations - some were completed this year and others are underway or just launching. Our achievements would not have been possible without our staff's expertise, commitment, professionalism, hard work, and passion. I would like to thank them for making MAHE such an outstanding place to work and study.

A handwritten signature in black ink, appearing to read 'M D Venkatesh'.

**Lt Gen (Dr) M D Venkatesh**  
Vice Chancellor



# MESSAGE



Amidst a pandemic which appears to be slowly disappearing, this was a very successful and satisfying year for MAHE. While admitting the second batch of MBBS students at the Jamshedpur campus successfully, a new campus in Bengaluru has been established. The Bengaluru campus is expected to grow exponentially in the next five years, offering various programs in specialised areas, such as Design, Engineering, Law, Liberal arts, and Management. T A Pai Management Institute (TAPMI), one of the premier Management Institute in the country, is merged with MAHE and has become one of the constituent institutions of MAHE. We have maintained the position of both QS and *THE World* ranking and significantly improved in Asia ranking. In addition, Medical and Pharmacy have enhanced their world ranking by one rung.

I congratulate the editorial team of the MAHE annual report for their unflinching effort in collating and presenting all the activities of various institutions/colleges.

A handwritten signature in blue ink that reads "Sabhahit".

**Dr Narayana Sabhahit**  
Registrar









11

# Overview

## Mission, Vision, Objectives

### MISSION

Be the most preferred choice of students, faculty and industry  
Be in the top 10 in every discipline of education, health sciences, engineering and management

### VISION

Global leadership in human development, excellence in education and health care

### Objectives

- a. To provide for higher education leading to excellence and innovations in such branches of knowledge as may be deemed fit, primarily at postgraduate and research degree levels.
- b. To engage in areas of specialization with proven ability to make distinctive contributions to the objectives of the higher education system and also with such other subjects that the University may start with.
- c. To provide for high-quality teaching and research and the advancement of knowledge and its dissemination through various research programs undertaken in-house by full-time faculty/research scholars (PhDs and Post-Doctoral) in diverse disciplines.
- d. To support, promote and undertake the advancement of academy education leading up to and including Undergraduate, Postgraduate, Doctoral and Post-Doctoral courses in arts, Science, Commerce, Engineering, Medicine, Pharmacy, Dentistry, Nursing, Management, Music, Languages and Fine Arts, Architecture and such others discipline/subjects as the trustees may deem fit.
- e. To provide for research and the advancement of and dissemination of knowledge through extension and community service.
- f. To promote the Konkani language and the culture of the Konkani speaking people in general and that of the students speaking Konkani in the aforesaid institutions in particular.
- g. To do all other acts and things as may be necessary or desirable to further the objectives of the institutions.

## Composition of Board of Management

Name and address	Designation
Lt Gen (Dr) M D Venkatesh (Retd) Vice Chancellor, MAHE, Manipal	Chairperson
Dr Dilip Naik Pro Vice Chancellor, MAHE, Manipal	Member (Pro Vice Chancellor)
Dr Keerthilatha M Pai Dean, Manipal College of Dental Sciences, Manipal	Member (Deans of Faculties)
Dr H Sudarshan Ballal Chairman, MHEPL, Bengaluru	Member (Nominee of the Chancellor)
Dr Gopalakrishna Prabhu President, Manipal University Jaipur, Jaipur	Member (Nominee of the Chancellor)
Prof Rishiksha T Krishnan Director, Indian Institute of Management, Bengaluru	Member (Nominee of the Chancellor)
Mr Vaitheeswaran S Group CEO, Manipal Education & Medical Group, Bengaluru	Member (Nominee of the Trust)
Mr Rajen Padukone President, Manipal Education Foundation, Bengaluru	Member (Nominee of the Trust)
Dr H Prakash Chandra Kincha Chamrajpet, Bengaluru	Member (Nominee of the Trust)
Prof S Sadagopan Electronics City, Hosur Road, Bengaluru	Member (Nominee of the Trust)
Dr Suresh Kumar Shetty Professor, Kasturba Medical College, Mangaluru	Member (Teacher Nominee – Professor)
Dr Dhanya Sunil Associate Professor (Senior Scale), Manipal Institute of Technology, Manipal	Member (Teacher Nominee – Associate Professor)
Dr Nirmal Mazumder Assistant Professor, Manipal School of Life Sciences, Manipal	Member (Teacher Nominee – Assistant Professor)
Dr Narayana Sabhahit Registrar, MAHE, Manipal	Secretary

## Composition of Executive Committee

1	Lt Gen (Dr) M D Venkatesh (Retd), Vice-Chancellor	<b>Chairperson</b>
2	Dr Narayana Sabhahit, Registrar	<b>Member Secretary</b>
<b>Members</b>		
3	Dr P L N G Rao	Pro Vice-Chancellor (Faculty of Health Sciences)
4	Dr Dilip G. Naik	Pro Vice-Chancellor (Mangaluru campus)
5	Dr Pragna Rao	Pro Vice-Chancellor (Bengaluru campus)
6	Dr Sharath Kumar Rao K	Dean, KMC, Manipal

7	Dr M Venkatraya Prabhu	Dean, KMC, Mangaluru
8	Dr Anil Rana	Director, MIT, Manipal
9	Dr C Mallikarjuna Rao	Principal, MCOPS, Manipal
10	Dr Keerthilatha M Pai	Dean, MCODES, Manipal
11	Chef K Thirugnanasambantham	Principal, WGSMA, Manipal
12	Dr Ashita S Uppoor	Dean, MCODES, Mangalore
13	Dr Judith Angelitta Noronha	Dean, MCON, Manipal
14	Dr Radhakrishna S. Aithal	Director, ICAS, Manipal
15	Dr Padma Rani	Director, MIC, Manipal
16	Dr Ullas Kamath	Dean, MMMC, Manipal
17	Dr Keerthana Jayadeva Prasad	Director, MSIS, Manipal
18	Dr G Arun Maiya	Dean, MCHP, Manipal
19	Dr Raveendranath Nayak	Director, MIM, Manipal
20	Dr K Satyamoorthy	Director, MSLS, Manipal
21	Dr Gopal Pande	Dean, MIRM, Bengaluru
22	Dr Nandineni Rama Devi	Director, MSAP, Manipal
23	Dr Helmut Brand	Director, PSPH, Manipal
24	Dr Chiranjay Mukhopadhyay	Director, MIV, Manipal
25	Dr Gautham Dayal	Director, SMI, Bengaluru
26	Dr Poornima Baliga	Dean, MTMC, Jamshedpur
27	Dr Jagannath K	Director, MIT, Bengaluru
28	Dr Madhu Veeraraghavan	Director, TAPMI, Manipal
29	Mr. V Rangarajan	Director, Finance

For Ref: Data as on December 31, 2021

## List of other Committees at the University Level

Academic Council  
Board of Studies  
Central Condemnation Board for IT products  
Committee for Empowerment of Persons with Disability  
Committee of Experts (Fee Fixation Committee)  
Cultural Coordination Committee  
Endowment Fund Committee  
Examination Committee

Faculty Selection Committee  
Finance Committee  
General Services Committee  
Grievance Committee  
Grievance Redressal Committee (Students)  
Hostel Management Committee  
Housing Committee  
Intellectual Property Advisory Board  
Internal Complaint Committee for prevention and redressal of sexual harassment of a woman in the workplace  
Internal Quality Assurance Cell (IQAC)  
Joint Review Committee to monitor Outsourced services  
Malpractice Enquiry Committee  
Management Review Committee  
Monitoring Cell on Ragging  
Monitoring Committee for Hombelaku  
Non-teaching Staff Promotion Committee  
PhD Core Committee  
PhD Protocol Approval Committee  
Planning and Monitoring Board  
Scientific Advisory Committee  
Sports Council  
Staff Selection Committee  
Student Affairs Committee  
MAHE Ethics Committee  
University Research Committee  
University Selection Committee (HOD)  
Centre for Internal Quality Assurance (CIQA) under DOE (Directorate of Online Education)  
Tree Preservation Committee  
Committee for Prevention of Caste Based Discrimination  
Advisory Committee for Centre for Doctoral Studies (CDS)  
Scrutiny Committee – Recommending Fee relaxation  
Institutional Biosafety Committee  
Academic and Administrative Heads Committee

## MAHE Administrative/Functional Heads as on 31 December 2021

Name	Designation
<b>TOP OFFICIALS</b>	
1 Dr Ramdas M Pai	Chancellor
2 Dr H S Ballal	Pro Chancellor
3 Lt Gen (Dr) M D Venkatesh	Vice Chancellor
4 Dr PLNG Rao	Pro Vice Chancellor - Faculty of Health Sciences
5 Professor C S Thammaiah	Pro Vice Chancellor - Corporate Academia Engagement
6 Dr Dilip Naik	Pro Vice Chancellor - Mangalore Campus
7 Dr Pragna Rao	Pro Vice Chancellor - Bengaluru Campus
8 Dr Narayana Sabhahit	Registrar
9 Dr H Vinod Bhat	Executive - Vice President, MAHE
10 Dr Vinod V Thomas	Registrar - Evaluation
<b>MAHE Administrative/Functional Heads</b>	
1 Mr V Rangarajan	Director - Finance
2 Dr Geetha M	Director - Student Affairs
3 Dr Giridhar Kini P	Director - Admissions (National & International)
4 Dr Raghu A R	Director - International Collaborations
5 Dr Satish Rao B S	Director - Research
6 Dr Raviraja N Seetharam	Director - Corporate Relations
7 Dr Manojkumar Nagasampige	Director - Directorate of Online Education
8 Col Prakash Chandra B	Director - General Services
9 Captain M C Belliappa	Director - Projects
10 Mr G Vittaldas Bhat	Director - Purchase
11 Dr Sandeep S Shenoy	Director - Compliance
12 Dr Christopher Sudhaker	Director - Quality
13 Professor Balakrishna Rao	Director - Information Technology & Digital Transformation
14 Mr Sarada Prasad Kar	Director - Public Relations and Media Communications
15 Dr Rohit Singh	Director - Alumni Centre
16 Mr Jagadish H Nayak	Head - Direct and Indirect Taxation
17 Dr Raghavendra Prabhu P	Deputy Registrar - Administration; Nodal Officer-IOE & Planning & Monitoring
18 Dr Vasudha Devi	Deputy Director - Centre for Doctoral Studies
19 Dr Guruprasad Rao	Deputy Registrar - Academics (Health Sciences)
20 Dr Preetham Kumar	Deputy Registrar - Academics (Technical)
21 Dr Vidya Shankar Shetty	Deputy Registrar - Bengaluru campus
22 Dr Arun Shanbhag	Chief Innovation Officer
23 Dr P Laxminarayana Rao	Ombudsman, MAHE
24 Mr Somanath Das	Officer on Special Duty, Bangalore campus
25 Dr Prabhudev B Mane	Chief Operating Officer - Campus Safety

26	Dr Kiran N Baliga	Associate Director - Alumni Centre, MAHE Mangalore & Bangalore campus
27	Mr Jerry K Joseph	Deputy Director - HR
28	Mr N Chandrashekar Prabhu	Deputy Director - Legal
29	Dr Madhukar Mallya	Deputy Registrar - Evaluation (Health Science)
30	Dr Sreejith G	Deputy Registrar - Evaluation (Health Science)
31	Dr Ashwini Kumar	Deputy Director - Student Affairs (Health Sciences)
32	Dr Veena Maben	Deputy Director - Student Affairs (Technical)
33	Dr Arathi Rao	Deputy Director - Student Affairs, Mangalore campus
34	Mr Roshan David Jathanna	Deputy Director - Student Affairs
35	Dr Bharti Chogtu Magazine	Deputy Director - Research (Health Sciences)
36	Dr Santhosh K V	Deputy Director - Research (Technical)
37	Dr Shrikala Baliga	Deputy Director - Quality and Compliance (Mangalore Campus)
38	Dr Ciraj A M	Deputy Director - Centre for Continuing Education and Interprofessional Development
39	Mr K S Jai Vittal	Estate Officer
40	Dr Vinod C Nayak	Secretary, MAHE Sports Council
41	Dr Shobha U Kamath	Chairperson, MAHE Cultural Co-ordination Committee
42	Mr Sambit Dash	Secretary, MAHE Cultural Co-ordination Committee
43	Dr Anup Naha	Chief Coordinator, Volunteer Services Organisation
44	Dr Veena Ganesh Kamath	Member Secretary - MAHE Ethics Committee
45	Air Commodore Harindra Kumar Dhiman	Chief Warden, MAHE Hostels
46	Lt Col B Suresh Kumar	Chief Warden, MIT Hostels
47	Mr Yogesh Pai B	Deputy Director - Purchase
48	Mrs Saraswathy K	Deputy Director - Finance
49	Mrs Diana Britto	Deputy Director - NRI Admissions
50	Mr Mahesh Prabhu	Deputy Director - Admissions
51	Mr Shridhar Rao	Deputy Director - General Services
52	Col Umakant Singh	Deputy Director - General Services
53	Mr Mohan Rao	Deputy Director - Projects
54	Mr Kishore L Kamath	Deputy Director - Projects
55	Mr Ivan C P D'Souza	Deputy Director - Projects
56	Mr Sathish Kamath M	Assistant Director - Information Technology
57	Mr Suresh K	Assistant Director - Media and Information
58	Mr Derrick Ian Joshua	Assistant Director - Environment Sustainability
59	Mr Naveen Kumar V	Assistant Director - Purchase
60	Mr Abhaya Shankar Puranik	Assistant Director - Projects
61	Mr Leslie Joseph D'Souza	Chief Fire Safety Officer

## Details of Programs

SI No	Academic Stream	Academic Programs	UG/PG	Course duration
<b>Kasturba Medical College, Manipal</b>				
1	Medicine	Bachelor of Medicine and Bachelor of Surgery (MBBS)	UG	4.5 years + 1 year Internship
2	Medicine	DM Cardiology	PG	3 years
3	Medicine	DM Neurology	PG	3 years
4	Medicine	DM Gastroenterology	PG	3 years
5	Medicine	DM Nephrology	PG	3 years
6	Medicine	DM Medical Genetics	PG	3 years
7	Medicine	DM Infectious Disease	PG	3 years
8	Medicine	DM Medical Oncology	PG	3 years
9	Medicine	MCh Cardiothoracic Surgery	PG	3 years
10	Medicine	MCh Neuro Surgery	PG	3 years
11	Medicine	MCh Paediatric Surgery	PG	3 years
12	Medicine	MCh Urology	PG	3 years
13	Medicine	MCh Plastic and Reconstructive Surgery	PG	3 years
14	Medicine	MD Anaesthesiology	PG	3 years
15	Medicine	MD Anatomy	PG	3 years
16	Medicine	MD Biochemistry	PG	3 years
17	Medicine	MD Community Medicine	PG	3 years
18	Medicine	MD Dermatology, Venereology and Leprosy	PG	3 years
19	Medicine	MD Forensic Medicine	PG	3 years
20	Medicine	MD General Medicine	PG	3 years
21	Medicine	MD Hospital Administration	PG	3 years
22	Medicine	MD Emergency Medicine	PG	3 years
23	Medicine	MD Microbiology	PG	3 years
24	Medicine	MD Paediatrics	PG	3 years
25	Medicine	MD Pathology	PG	3 years
26	Medicine	MD Pharmacology	PG	3 years
27	Medicine	MD Physiology	PG	3 years
28	Medicine	MD Psychiatry	PG	3 years
29	Medicine	MD Respiratory Medicine	PG	3 years
30	Medicine	MD Radio diagnosis	PG	3 years
31	Medicine	MD Radio therapy	PG	3 years



SI No	Academic Stream	Academic Programs	UG/PG	Course duration
33	Medicine	MD Immunohematology and Blood Transfusion	PG	3 years
34	Medicine	MS General Surgery	PG	3 years
35	Medicine	MS Obstetrics and Gynaecology	PG	3 years
36	Medicine	MS Ophthalmology	PG	3 years
37	Medicine	MS Orthopaedics	PG	3 years
38	Medicine	MS Oto - Rhino - Laryngology	PG	3 years
39	Medicine	MPhil Psychiatric Social Work	PG	2 years
40	Medicine	MSc Medical – Anatomy	PG	2 years
41	Medicine	MSc Medical – Biochemistry	PG	2 years
42	Medicine	MSc Medical – Clinical Embryology	PG	2 years
43	Medicine	MSc Medical – Microbiology	PG	2 years
44	Medicine	MSc Medical – Pharmacology	PG	2 years
45	Medicine	MSc Medical – Physiology	PG	2 years
46	Medicine	MSc Genetic Counselling	PG	2 years
47	Medicine	MSc Reproductive and Developmental Biology	PG	2 years
48	Medicine	Fellowship in Fetal Medicine	PG	1 year
49	Medicine	Fellowship in Paediatric Anaesthesia	PG	1 year
50	Medicine	Fellowship in Reproductive Medicine	PG	1 year
51	Medicine	Fellowship in Diabetes	PG	1 year
52	Medicine	Fellowship in Onco-surgery	PG	1 year
53	Medicine	Fellowship in Paediatric Orthopaedics	PG	1 year
54	Medicine	Fellowship in Skull Base and Head and Neck Surgery Course	PG	2 years
55	Medicine	Fellowship in Oncopathology	PG	2 years
56	Medicine	Fellowship in Advanced Obstetric ultra sound	PG	1 year
57	Medicine	Fellowship in Gynaecologic Oncology	PG	1 year
58	Medicine	Fellowship in Hand and Micro Surgery	PG	1 year
59	Medicine	Fellowship in Neonatology	PG	1 year
60	Medicine	Fellowship in Neuroanaesthesia	PG	1 year
<b>Division of Yoga, CIMR</b>				
61	Medicine	MSc Yoga Therapy	PG	2 years
<b>Division of Ayurveda, CIMR</b>				
62	Medicine	Certificate course in Panchakarma Technician & Massage Therapy	Others	1 year
63	Medicine	PG Certificate Course in Panchakarma	PG	6 months

SI No	Academic Stream	Academic Programs	UG/PG	Course duration
<b>Manipal College of Dental Sciences, Manipal</b>				
64	Dentistry	Bachelor of Dental Surgery (BDS)	UG	4 years + 1 year Internship
65	Dentistry	MDS Public Health Dentistry	PG	3 years
66	Dentistry	MDS Conservative Dentistry and Endodontics	PG	3 years
67	Dentistry	MDS Oral and Maxillofacial Surgery	PG	3 years
68	Dentistry	MDS Oral Medicine and Radiology	PG	3 years
69	Dentistry	MDS Oral and Maxillofacial Pathology and Oral Microbiology	PG	3 years
70	Dentistry	MDS Orthodontics and Dentofacial Orthopaedics	PG	3 years
71	Dentistry	MDS Paediatric and Preventive Dentistry	PG	3 years
72	Dentistry	MDS Periodontology	PG	3 years
73	Dentistry	MDS Prosthodontics and Crown and Bridge	PG	3 years
74	Dentistry	PG Diploma in Dental Materials	PG	2 years
75	Dentistry	PG Certificate Course in Aesthetic Dentistry	PG	1 year
76	Dentistry	PG Certificate Course in Oral Implantology	PG	1 year
77	Dentistry	PG Certificate Course in Laser Dentistry	PG	6 months
<b>Manipal College of Pharmaceutical Sciences, Manipal</b>				
78	Pharmacy	Bachelor of Pharmacy (BPharm)	UG	4 years
79	Pharmacy	Diploma in Pharmacy	UG	2 years
80	Pharmacy	BPharm (Lateral Entry)	UG	3 years
81	Pharmacy	PharmD	UG	5 years + 1 year Internship
82	Pharmacy	PharmD Post Baccalaureate	PG	2 years + 1 year Internship
83	Pharmacy	MPharm Pharmaceutical Administration	PG	2 years
84	Pharmacy	MPharm Pharmaceutical Biotechnology	PG	2 years
85	Pharmacy	MPharm Pharmaceutical Chemistry	PG	2 years
86	Pharmacy	MPharm Pharmaceutical Quality Assurance	PG	2 years
87	Pharmacy	MPharm Pharmaceutics	PG	2 years
88	Pharmacy	MPharm Pharmacognosy	PG	2 years
89	Pharmacy	MPharm Pharmacology	PG	2 years
90	Pharmacy	MPharm Pharmaceutical Regulatory Affairs	PG	2 years
91	Pharmacy	MPharm Industrial Pharmacy	PG	2 years

SI No	Academic Stream	Academic Programs	UG/PG	Course duration
92	Pharmacy	MPharm Pharmacy Practice	PG	2 years
93	Pharmacy	MPharm Pharmaceutical Analysis	PG	2 years
<b>Manipal College of Health Professions, Manipal</b>				
94	Allied Health Sciences	Bachelor of Audiology and Speech Language Pathology (BASLP)	UG	3 years + 1 year Internship
95	Allied Health Sciences	BSc Anaesthesia and Operation Theatre Technology	UG	3 years + 1 year Internship
96	Allied Health Sciences	BSc Emergency Medicine Technology (EMT)	UG	3 years + 1 year Internship
97	Allied Health Sciences	Bachelor of Occupational Therapy (BOT)	UG	4 years + 6 months Internship
98	Allied Health Sciences	Bachelor of Physiotherapy (BPT)	UG	4 years + 6 months Internship
99	Allied Health Sciences	BSc Cardiovascular Technology (CVT)	UG	3 years + 1 year Internship
100	Allied Health Sciences	BSc Health Information Management (HIM)	UG	3 years + 1 year Internship
101	Allied Health Sciences	BSc Medical Imaging Technology	UG	3 years + 1 year Internship
102	Allied Health Sciences	BSc Medical Laboratory Technology (MLT)	UG	3 years + 1 year Internship
103	Allied Health Sciences	BSc Radiotherapy Technology (RTT)	UG	3 years + 1 year Internship
104	Allied Health Sciences	BSc Nuclear Medicine Technology (NMT)	UG	3 years + 1 year PGDNMT
105	Allied Health Sciences	BSc Psychology	UG	3 years
106	Allied Health Sciences	BSc Clinical Nutrition and Dietetics	UG	4 years
107	Allied Health Sciences	Bachelor of Optometry (BOptom)	UG	3 years + 1 year Internship
108	Allied Health Sciences	BSc Respiratory Therapy (RT)	UG	3 years + 1 year Internship

SI No	Academic Stream	Academic Programs	UG/PG	Course duration
109	Allied Health Sciences	BSc Renal Replacement Therapy and Dialysis Technology (RRT & DT)	UG	3 years + 1 year Internship
110	Allied Health Sciences	BSc Perfusion Technology (PFT)	UG	3 years + 1 year Internship
111	Allied Health Sciences	BSc Exercise and Sports Sciences	UG	3.5years + 6 months of Internship
112	Allied Health Sciences	BSc Exercise and Sports Sciences (Honours)	UG	4 years
113	Allied Health Sciences	MSc in Audiology - MSc (Aud)	PG	2 years
114	Allied Health Sciences	MSc in Speech Language Pathology - MSc (SLP)	PG	2 years
115	Allied Health Sciences	MOT Developmental Disabilities	PG	2 years
116	Allied Health Sciences	MOT Hand and Musculoskeletal conditions	PG	2 years
117	Allied Health Sciences	MOT Neuro Rehabilitation	PG	2 years
118	Allied Health Sciences	MOT Mental Health and Psychosocial Rehabilitation	PG	2 years
119	Allied Health Sciences	MPT Cardiopulmonary Science	PG	2 years
120	Allied Health Sciences	MPT Community Physiotherapy	PG	2 years
121	Allied Health Sciences	MPT Neurosciences	PG	2 years
122	Allied Health Sciences	MPT Orthopaedics	PG	2 years
123	Allied Health Sciences	MPT Paediatrics	PG	2 years
124	Allied Health Sciences	MPT OBG	PG	2 years
125	Allied Health Sciences	MPT Geriatrics	PG	2 years
126	Allied Health Sciences	MSc RT Adult Respiratory Care	PG	2 years
127	Allied Health Sciences	MSc RT Neonatal and Paediatric Respiratory Care	PG	2 years
128	Allied Health Sciences	MSc Health Information Management (HIM)	PG	2 years
129	Allied Health Sciences	MSc Medical Imaging Technology	PG	2 years

SI No	Academic Stream	Academic Programs	UG/PG	Course duration
130	Allied Health Sciences	MSc Medical Radiation Physics (MRP)	PG	2 years
131	Allied Health Sciences	MSc MLT - Clinical Biochemistry	PG	2 years
132	Allied Health Sciences	MSc MLT - Microbiology and Immunology	PG	2 years
133	Allied Health Sciences	MSc MLT - Public Health Laboratory Science	PG	2 years
134	Allied Health Sciences	MSc MLT (Haematology and Immunohaematology)	PG	2 years
135	Allied Health Sciences	MSc Nuclear Medicine Technology	PG	2 years
136	Allied Health Sciences	Master of Optometry (MOptom)	PG	2 years
137	Allied Health Sciences	MSc Renal Respiratory therapy and Dialysis Technology (RRT & DT)	PG	2 years
138	Allied Health Sciences	MSc Echocardiography	PG	2 years
139	Allied Health Sciences	MSc Cardiac Cath & Intervention Technology	PG	2 years
140	Allied Health Sciences	MSc Health Informatics - Health Care IT Management	PG	2 years
141	Allied Health Sciences	MSc Exercise and Sports Science	PG	2 years
142	Allied Health Sciences	MSc Clinical Psychology	PG	2 years
143	Allied Health Sciences	MSc Perfusion Technology	PG	2 years
144	Allied Health Sciences	MPhil Clinical Psychology	PG	2 years
145	Allied Health Sciences	BSc Anaesthesia and Operation Theatre Technology -Lateral	UG	1 years
146	Allied Health Sciences	BSc Emergency Medical Technology - Lateral	UG	2 years
147	Allied Health Sciences	BSc Medical Laboratory Technology - Lateral	UG	2 years
148	Allied Health Sciences	BSc (Honours) Psychology	UG	4 years
149	Allied Health Sciences	BSc Respiratory Therapy - Lateral	UG	2 years
<b>Manipal School of Life Sciences, Manipal</b>				
150	Life Sciences	BSc Biotechnology	UG	3 years
151	Life Sciences	MSc Bioinformatics	PG	2 years

SI No	Academic Stream	Academic Programs	UG/PG	Course duration
152	Life Sciences	MSc Medical – Biotechnology	PG	2 years
153	Life Sciences	MSc Medical – Molecular Biology and Human Genetics	PG	2 years
154	Life Sciences	MSc Systems Biology	PG	2 years
155	Life Sciences	MSc by Research in Life Science	PG	2 years
156	Life Sciences	MSc Genome Engineering	PG	2 years
157	Life Sciences	MSc Tissue Engineering	PG	2 years
158	Life Sciences	PG Diploma in Cellular and Molecular Diagnostics	PG	1 year
<b>Manipal College of Nursing, Manipal</b>				
159	Nursing	BSc Nursing	UG	4 years
160	Nursing	PB BSc Nursing	UG	2 years
161	Nursing	MSc Community Health Nursing	PG	2 years
162	Nursing	MSc Medical Surgical Nursing	PG	2 years
163	Nursing	MSc Obstetrics and Gynaecologic Nursing	PG	2 years
164	Nursing	MSc Child Health (Paediatric) Nursing	PG	2 years
165	Nursing	MSc Psychiatric (Mental Health) Nursing	PG	2 years
166	Nursing	Nurse Practitioner Critical Care Residency Program	PG	2 years
<b>Manipal School of Nursing, Manipal</b>				
167	Nursing	Diploma in General Nursing and Midwifery	UG	3 years
<b>Prasanna School of Public Health, Manipal</b>				
168	Public Health	Leadership in Public Health	Others	1 years
169	Public Health	Master of Public Health - Environment and Occupational Health	PG	2 years
170	Public Health	Master of Public Health - Epidemiology	PG	2 years
171	Public Health	Master of Public Health - Maternal and Child Health	PG	2 years
172	Public Health	Master of Public Health - Global Health	PG	2 years
173	Public Health	Master of Public Health - Health Policy	PG	2 years
174	Public Health	Master of Social Work - Community Development	PG	2 years
175	Public Health	Master of Social Work - Human Resource Management and Industrial Relations	PG	2 years
176	Public Health	Master of Social Work - Medical and Psychiatric Social Work	PG	2 years
177	Public Health	MSc Digital Epidemiology	PG	2 years
178	Public Health	Masters in Hospital Administration	PG	2 years
179	Data Sciences	MSc Data Science	PG	2 years

SI No	Academic Stream	Academic Programs	UG/PG	Course duration
180	Data Sciences	MSc Biostatistics	PG	2 years
<b>Manipal Institute of Virology, Manipal</b>				
181	Medicine	MSc Clinical Virology	PG	2 years
<b>Manipal Institute of Technology, Manipal</b>				
182	Engineering	BTech Aeronautical Engineering	UG	4 years
183	Engineering	BTech Automobile Engineering	UG	4 years
184	Engineering	BTech Biomedical Engineering	UG	4 years
185	Engineering	BTech Biotechnology Engineering	UG	4 years
186	Engineering	BTech Chemical Engineering	UG	4 years
187	Engineering	BTech Civil Engineering	UG	4 years
188	Engineering	BTech Computer Science and Engineering	UG	4 years
189	Engineering	BTech Computer Science and Engineering - Artificial Intelligence	UG	4 years
190	Engineering	BTech Computer and Communication Engineering	UG	4 years
191	Engineering	BTech Electrical and Electronics	UG	4 years
192	Engineering	BTech Electronics and Communication	UG	4 years
193	Engineering	BTech Industrial and Production Engineering	UG	4 years
194	Engineering	BTech Information Technology	UG	4 years
195	Engineering	BTech Data Science and Engineering	UG	4 years
196	Engineering	BTech Electronics and Instrumentation Engineering	UG	4 years
197	Engineering	BTech Mechanical Engineering	UG	4 years
198	Engineering	BTech Mechatronics	UG	4 years
199	Engineering	BTech Media Technology	UG	4 years
200	Engineering	BTech Lateral Entry	UG	3 years
201	Engineering	Master of Computer Applications (MCA)	PG	2 years
202	Engineering	MTech in Aerospace Engineering	PG	2 years
203	Engineering	MTech Avionics Engineering	PG	2 years
204	Engineering	MTech Automobile Engineering	PG	2 years
205	Engineering	MTech Biomedical Engineering	PG	2 years
206	Engineering	MTech Chemical Engineering	PG	2 years
207	Engineering	MTech Computer Aided Analysis and Design	PG	2 years
208	Engineering	MTech Computer Networking and Engineering	PG	2 years
209	Engineering	MTech Computer Science and Engineering	PG	2 years
210	Engineering	MTech Computer Science and Information Security	PG	2 years

SI No	Academic Stream	Academic Programs	UG/PG	Course duration
211	Engineering	MTech Construction Engineering and Management	PG	2 years
212	Engineering	MTech Control Systems	PG	2 years
213	Engineering	MTech Digital Electronics and Communication Engineering	PG	2 years
214	Engineering	MTech Defence Technology	PG	2 years
215	Engineering	MTech Energy Systems and Management	PG	2 years
216	Engineering	MTech Engineering Management	PG	2 years
217	Engineering	MTech Environmental Engineering	PG	2 years
218	Engineering	MTech Industrial Automation and Robotics	PG	2 years
219	Engineering	MTech Industrial Biotechnology	PG	2 years
220	Engineering	MTech Manufacturing Engineering	PG	2 years
221	Engineering	MTech Microelectronics	PG	2 years
222	Engineering	MTech Power Electronics and Drives	PG	2 years
223	Engineering	MTech Print and Media Technology	PG	2 years
224	Engineering	MTech Software Engineering	PG	2 years
225	Engineering	MTech Structural Engineering	PG	2 years
226	Engineering	MTech Thermal Sciences and Energy Systems	PG	2 years
227	Engineering	MTech Tribology and Maintenance Engineering	PG	2 years
228	Engineering	MTech Defence Technology	PG	2 years
<b>Manipal School of Information Sciences, Manipal</b>				
229	Engineering	ME Embedded Systems	PG	2 years
230	Engineering	ME VLSI Design	PG	2 years
231	Engineering	ME Big Data and Data Analytics	PG	2 years
232	Engineering	ME Cloud Computing	PG	2 years
233	Engineering	ME Artificial Intelligence and Machine Learning	PG	2 years
<b>Science Programs, Manipal</b>				
234	Advanced Science	MSc Chemistry	PG	2 years
235	Advanced Science	MSc Applied Mathematics and Computing	PG	2 years
236	Advanced Science	MSc Physics	PG	2 years
237	Advanced Science	MSc Geology	PG	2 years



SI No	Academic Stream	Academic Programs	UG/PG	Course duration
<b>International Centre for Applied Sciences, Manipal</b>				
238	Advanced Science	BS ICAS	UG	4 years
<b>Manipal School of Architecture &amp; Planning, Manipal</b>				
239	Architecture	Bachelor of Architecture (BArch)	UG	5 years
240	Architecture	MDes Sustainable Design	PG	2 years
241	Architecture	MArch (UDD)	PG	2 years
<b>Department of Design, Manipal</b>				
242	Design	Bachelor of Design (Fashion Design) [BDes (FD)]	UG	4 years
243	Design	Bachelor of Design (Interior Design) [BDes (ID)]	UG	4 years
244	Design	MDes Interior Design	PG	2 years
245	Design	MA Fashion Management	PG	2 years
246	Design	Lateral BDesign (Fashion Design)	UG	3 years
247	Design	Lateral BDesign (Interior Design)	UG	3 years
248	Design	Certificate in Fashion Design (CFD)	Others	1 year
<b>Department of Atomic and Molecular Physics, Manipal</b>				
249	Atomic & Molecular Physics	MSc Photonics	PG	2 years
250	Atomic & Molecular Physics	MSc Nanoscience and Technology	PG	2 years
<b>Department of Commerce, Manipal</b>				
251	Management	BBA e-Banking and Finance	UG	3 years
252	Management	BBA Financial Markets	UG	3 years
253	Management	BBA Professional	UG	3 years
254	Management	BBA Logistics and Supply Chain	UG	3 years
255	Management	BBA Human Resources	UG	3 years
256	Management	BBA Marketing	UG	3 years
257	Management	BBA Family Business Management	UG	3 years
258	Management	BBA Insurance and Risk Management	UG	3 years
259	Commerce	BCom Professional - Regular	UG	3 years
260	Commerce	BCom Business Process Services	UG	3 years
261	Commerce	MCom Logistics and Supply Chain	PG	2 years
262	Commerce	MCom Professional	PG	2 years

SI No	Academic Stream	Academic Programs	UG/PG	Course duration
263	Commerce	MCom Banking Technology	PG	2 years
264	Commerce	MSC Health Economics	PG	2 years
265	Commerce	MSC Financial Economics	PG	2 years
266	Commerce	MSc Business Analytics	PG	2 years
267	Commerce	MA in Digital and Creative Marketing	PG	2 years
268	Commerce	PG Diploma Logistics and Supply Chain	PG	1 year
<b>Welcomgroup Graduate School of Hotel Administration, Manipal</b>				
269	Hotel Management	Bachelor of Hotel Management (BHM)	UG	4 years
270	Allied Hospitality Studies	BA Culinary Arts	UG	3 years
271	Allied Hospitality Studies	MA Indian Cuisine and Applied Nutrition	PG	2 year
272	Allied Hospitality Studies	Master of Hotel Management	PG	2 years
273	Allied Hospitality Studies	MSc in Dietetics and Applied Nutrition	PG	2 years
<b>Manipal Centre for Natural Sciences (MCNS)</b>				
274	Natural Sciences	MSc by Research in Natural Sciences	PG	2 years
<b>Manipal Institute of Communication, Manipal</b>				
275	Media & Communication	BA Media and Communication	UG	3 years
276	Media & Communication	BSc Animation	UG	3 years
277	Media & Communication	BVoc Graphics and Digital Media	UG	3 years
278	Media & Communication	MA Media and Communication	PG	2 years
279	Media & Communication	PG Diploma in Corporate Communication	PG	1 year
280	Media & Communication	MA Film Art and Film Making	PG	2 years
281	Media & Communication	Certificate Course in Animation Technology	Others	6 months
282	Media & Communication	PG Diploma in Sports Communication	PG	1 year
<b>Manipal Center for Humanities, Manipal</b>				
283	Humanities	BA Humanities	UG	3 years
284	Humanities	MA English	PG	2 years

SI No	Academic Stream	Academic Programs	UG/PG	Course duration
285	Humanities	MA Sociology	PG	2 years
<b>Manipal Center for European Studies, Manipal</b>				
286	European Studies	MA European Studies	PG	2 years
Department of Philosophy, Manipal				
287	Humanities	MA in Indian Philosophy	PG	2 years
288	Humanities	MA Sanskrit Studies	PG	2 years
289	Humanities	PG Diploma in Sanskrit Studies	Others	1 year
<b>Department of Languages</b>				
290	European Studies	BA Foreign Languages and Intercultural Studies	UG	3 year
<b>Department of Geopolitics and International Relations, Manipal</b>				
291	Geopolitics	MA Geopolitics and International Relations	PG	2 years
<b>Gandhian Centre for Philosophical Arts and Sciences, Manipal</b>				
292	Gandhian & Peace Studies	BA Aesthetics and Peace Studies	UG	3 years
293	Gandhian & Peace Studies	MA in Ecosophical Aesthetics	PG	2 years
294	Gandhian & Peace Studies	MA Art & Peace Studies	PG	2 years
<b>Department of Library and Information Sciences, Manipal</b>				
295	Library & Information Sciences	Master of Library & Information Science	PG	2 years
<b>Kasturba Medical College, Mangalore</b>				
296	Allied Health Sciences	Bachelor of Audiology and Speech Language Pathology (BASLP)	UG	3 years + 1 year Internship
297	Allied Health Sciences	Bachelor of Medicine and Bachelor of Surgery (MBBS)	UG	4.5 years + 1 year Internship
298	Allied Health Sciences	Bachelor of Physiotherapy	UG	4 years + 6 months Internship
299	Allied Health Sciences	BSc Radiotherapy Technology	UG	3 years + 1 year Internship
300	Allied Health Sciences	BSc Respiratory Therapy (RT)	UG	3 years + 1 year Internship

SI No	Academic Stream	Academic Programs	UG/PG	Course duration
301	Allied Health Sciences	BSc Medical Imaging Technology (MIT)	UG	3 years + 1 year Internship
302	Allied Health Sciences	BSc Cardiovascular Technology (CVT)	UG	3 years + 1 year Internship
303	Allied Health Sciences	BSc Renal Replacement Therapy and Dialysis Technology (RRT & DT)	UG	3 years + 1 year Internship
304	Allied Health Sciences	MSc in Audiology - MSc (Aud)	PG	2 years
305	Allied Health Sciences	MSc in Speech Language Pathology - MSc (SLP)	PG	2 years
306	Allied Health Sciences	MPT Cardiopulmonary Sciences	PG	2 years
307	Allied Health Sciences	MPT Community Physiotherapy	PG	2 years
308	Allied Health Sciences	MPT Neurosciences	PG	2 years
309	Allied Health Sciences	MPT Orthopaedics	PG	2 years
310	Allied Health Sciences	MPT Paediatrics	PG	2 years
311	Allied Health Sciences	MPT OBG	PG	2 years
312	Allied Health Sciences	MSc Clinical Psychology	PG	2 years
313	Medicine	MD Anaesthesiology	PG	3 years
314	Medicine	MD Anatomy	PG	3 years
315	Medicine	MD Biochemistry	PG	3 years
316	Medicine	MD Dermatology, Venereology and Leprosy	PG	3 years
317	Medicine	MD General Medicine	PG	3 years
318	Medicine	MD Microbiology	PG	3 years
319	Medicine	MD Paediatrics	PG	3 years
320	Medicine	MD Pathology	PG	3 years
321	Medicine	MD Pharmacology	PG	3 years
322	Medicine	MD Physiology	PG	3 years
323	Medicine	MD Radio diagnosis	PG	3 years
324	Medicine	MD Community Medicine	PG	3 years
325	Medicine	MD Psychiatry	PG	3 years
326	Medicine	MD Radiotherapy	PG	3 years

SI No	Academic Stream	Academic Programs	UG/PG	Course duration
327	Medicine	MS General Surgery	PG	3 years
328	Medicine	MS Obstetrics and Gynaecology	PG	3 years
329	Medicine	MS Ophthalmology	PG	3 years
330	Medicine	MS Orthopaedics	PG	3 years
331	Medicine	MS Oto - Rhino - Laryngology	PG	3 years
332	Medicine	MSc Medical – Anatomy	PG	2 years
333	Medicine	MSc Medical – Biochemistry	PG	2 years
334	Medicine	MSc Medical – Microbiology	PG	2 years
335	Medicine	MSc Medical – Pharmacology	PG	2 years
336	Medicine	MSc Medical – Physiology	PG	2 years
337	Medicine	Fellowship in Head and Neck Oncology	PG	1 year
<b>Manipal College of Dental Sciences, Mangalore</b>				
338	Dentistry	Bachelor of Dental Surgery (BDS)	UG	4 years + 1 year Internship
339	Dentistry	MDS Conservative Dentistry and Endodontics	PG	3 years
340	Dentistry	MDS Oral and Maxillofacial Surgery	PG	3 years
341	Dentistry	MDS Oral and Maxillofacial Pathology and Oral Microbiology	PG	3 years
342	Dentistry	MDS Orthodontics and Dentofacial Orthopaedics	PG	3 years
343	Dentistry	MDS Paedodontics and Preventive Dentistry	PG	3 years
344	Dentistry	MDS Periodontology	PG	3 years
345	Dentistry	MDS Prosthodontics and Crown and Bridge	PG	3 years
346	Dentistry	MDS Public Health Dentistry	PG	3 years
347	Dentistry	MDS Oral Medicine and Radiology	PG	3 years
348	Dentistry	Post Graduate Diploma Dental Materials	PG	2 years
349	Dentistry	PG Certificate Course in Restorative Dentistry	PG	1 year
350	Dentistry	Certificate Course in Forensic Odontology	Others	6 months
<b>Manipal Institute of Regenerative Medicine, Bengaluru</b>				
351	Medicine	MSc Stem Cell Technology and Regenerative Biology	PG	2 years
352	Medicine	MPhil Regenerative Medicine	PG	1 year
353	Medicine	Advanced PG Diploma in Stem Cells and Regenerative Medicine	PG	1 year

SI No	Academic Stream	Academic Programs	UG/PG	Course duration
<b>MH, Bengaluru</b>				
354	Allied Health Sciences	MPT Cardiopulmonary Sciences	PG	2 years
355	Allied Health Sciences	MPT Neurosciences	PG	2 years
356	Allied Health Sciences	MPT Orthopaedics	PG	2 years
357	Allied Health Sciences	MPT Paediatrics	PG	2 years
358	Allied Health Sciences	MSc Clinical Psychology	PG	2 years
359	Allied Health Sciences	MSc Medical Imaging Technology	PG	2 years
360	Allied Health Sciences	MSc MLT Haematology and Immunohaematology	PG	2 years
361	Allied Health Sciences	MSc MLT Microbiology and Immunology	PG	2 years
362	Allied Health Sciences	MSc Cardiac Cath and Intervention Technology	PG	2 years
363	Allied Health Sciences	MSc Echo Cardiography	PG	2 years
364	Allied Health Sciences	MSc Renal Replacement Therapy and Dialysis Technology (RRT & DT)	PG	2 years
<b>Manipal Institute of Technology (MIT), Bengaluru</b>				
365	Engineering	BTech Computer Science and Engineering	UG	4 years
366	Engineering	BTech Computer Science and Engineering (Artificial Intelligence)	UG	4 years
367	Engineering	BTech Computer Science and Engineering (Cyber Security)	UG	4 years
368	Engineering	BTech Electronics and Communication Engineering	UG	4 years
369	Engineering	BTech Information Technology	UG	4 years
<b>Srishti Manipal Institute of Art, Design And Technology</b>				
370	Humanities, Liberal Arts & Social Sciences	BDes Business Services and System Design	UG	4 years
371	Humanities, Liberal Arts & Social Sciences	BDes Creative and Applied Computation	UG	4 years
372	Humanities, Liberal Arts & Social Sciences	BDes Creative Education	UG	4 years

SI No	Academic Stream	Academic Programs	UG/PG	Course duration
373	Humanities, Liberal Arts & Social Sciences	BDes Human Centered Design	UG	4 years
374	Humanities, Liberal Arts & Social Sciences	BDes Industrial Arts and Design Practices	UG	4 years
375	Humanities, Liberal Arts & Social Sciences	BDes Information Arts and Information Design Practices	UG	4 years
376	Humanities, Liberal Arts & Social Sciences	BDes Public Space Design	UG	4 years
377	Humanities, Liberal Arts & Social Sciences	BDes Visual Communication and Strategic Branding	UG	4 years
378	Humanities, Liberal Arts & Social Sciences	BVoc Creative Coding	UG	3 years
379	Humanities, Liberal Arts & Social Sciences	BVoc Creative Manufacturing	UG	3 years
380	Humanities, Liberal Arts & Social Sciences	BVoc Digital Film Making	UG	3 years
381	Humanities, Liberal Arts & Social Sciences	BVoc Digital Media Production	UG	3 years
382	Humanities, Liberal Arts & Social Sciences	BVoc Graphic Arts and Design Practices	UG	3 years
383	Humanities, Liberal Arts & Social Sciences	BVoc Interior Design and Build	UG	3 years
384	Humanities, Liberal Arts & Social Sciences	BVoc User Interface and Interaction Engineering	UG	3 years
385	Humanities, Liberal Arts & Social Sciences	BFA Contemporary Art Practice	UG	4 years
386	Humanities, Liberal Arts & Social Sciences	BFA Creative Writing	UG	4 years
387	Humanities, Liberal Arts & Social Sciences	BFA Digital Media Arts	UG	4 years

SI No	Academic Stream	Academic Programs	UG/PG	Course duration
388	Humanities, Liberal Arts & Social Sciences	BFA Film	UG	4 years
389	Humanities, Liberal Arts & Social Sciences	MDes Design Computation	PG	2 years
390	Humanities, Liberal Arts & Social Sciences	MDes Design-Led Innovation	PG	2 years
391	Humanities, Liberal Arts & Social Sciences	MDes Earth Education and Communication	PG	2 years
392	Humanities, Liberal Arts & Social Sciences	MDes Heritage Design	PG	2 years
393	Humanities, Liberal Arts & Social Sciences	MDes Human Centered Design	PG	2 years
394	Humanities, Liberal Arts & Social Sciences	MDes Industrial Arts and Design Practices	PG	2 years
395	Humanities, Liberal Arts & Social Sciences	MDes Information Arts and Information Design Practices	PG	2 years
396	Humanities, Liberal Arts & Social Sciences	MDes Public Space Design	PG	2 years
397	Humanities, Liberal Arts & Social Sciences	MDes- PhD Reimagining Transitions	PG	2 years
398	Humanities, Liberal Arts & Social Sciences	MPlan Urban Design Sustainability and Conservation	PG	2 years
399	Humanities, Liberal Arts & Social Sciences	MA - PhD Critical Design Discourse	PG	2 years
400	Humanities, Liberal Arts & Social Sciences	MA - PhD Post Development Studies	PG	2 years
401	Humanities, Liberal Arts & Social Sciences	MA Animation and Visual Effects	PG	2 years
402	Humanities, Liberal Arts & Social Sciences	MA Creative Documentary Practice	PG	2 years



SI No	Academic Stream	Academic Programs	UG/PG	Course duration
403	Humanities, Liberal Arts & Social Sciences	MA Curatorial Practices - Film, Media and Visual Arts	PG	2 years
404	Humanities, Liberal Arts & Social Sciences	MA Design Education	PG	2 years
405	Humanities, Liberal Arts & Social Sciences	MA Entrepreneurship for Impact	PG	2 years
406	Humanities, Liberal Arts & Social Sciences	MA Experience Design	PG	2 years
407	Humanities, Liberal Arts & Social Sciences	MA Game Design and Development	PG	2 years
408	Humanities, Liberal Arts & Social Sciences	MA New Humanities and Design	PG	2 years
409	Humanities, Liberal Arts & Social Sciences	MA Public Pedagogy and Art Practice	PG	2 years
410	Humanities, Liberal Arts & Social Sciences	MA Visual Communication	PG	2 years
411	Humanities, Liberal Arts & Social Sciences	MA Professional Practices	PG	2 years
412	Humanities, Liberal Arts & Social Sciences	MFA Contemporary Art Practice	PG	2 years
413	Humanities, Liberal Arts & Social Sciences	PG Diploma in Animation and Visual Effects	PG Diploma	1 year
414	Humanities, Liberal Arts & Social Sciences	PG Diploma in Art-in-Transit	PG Diploma	1 year
415	Humanities, Liberal Arts & Social Sciences	PG Diploma in Blank Noise	PG Diploma	1 year
416	Humanities, Liberal Arts & Social Sciences	PG Diploma in Center for Experimental Media	PG Diploma	1 year
417	Humanities, Liberal Arts & Social Sciences	PG Diploma in Contemporary Art Practice	PG Diploma	1 year

SI No	Academic Stream	Academic Programs	UG/PG	Course duration
418	Humanities, Liberal Arts & Social Sciences	PG Diploma in Creative Documentary Practice	PG Diploma	1 year
419	Humanities, Liberal Arts & Social Sciences	PG Diploma in Curatorial Practices - Film, Media and Visual Arts	PG Diploma	1 year
420	Humanities, Liberal Arts & Social Sciences	PG Diploma in Design Computation	PG Diploma	1 year
421	Humanities, Liberal Arts & Social Sciences	PG Diploma in Design in Education	PG Diploma	1 year
422	Humanities, Liberal Arts & Social Sciences	PG Diploma in Design-Led Innovation	PG Diploma	1 year
423	Humanities, Liberal Arts & Social Sciences	PG Diploma in Earth Education And Communication	PG Diploma	1 year
424	Humanities, Liberal Arts & Social Sciences	PG Diploma in Entrepreneurship for Impact	PG Diploma	1 year
425	Humanities, Liberal Arts & Social Sciences	PG Diploma in Heritage Design Planning and Management	PG Diploma	1 year
426	Humanities, Liberal Arts & Social Sciences	PG Diploma in Human Centered Design	PG Diploma	1 year
427	Humanities, Liberal Arts & Social Sciences	PG Diploma in Industrial Arts and Design Practices	PG Diploma	1 year
428	Humanities, Liberal Arts & Social Sciences	PG Diploma in Information Arts and Information Design Practices	PG Diploma	1 year
429	Humanities, Liberal Arts & Social Sciences	PG Diploma in Kabir Project	PG Diploma	1 year
430	Humanities, Liberal Arts & Social Sciences	PG Diploma in Public History and Heritage Interpretation	PG Diploma	1 year
431	Humanities, Liberal Arts & Social Sciences	PG Diploma in Public Pedagogy and Art Practice	PG Diploma	1 year
432	Humanities, Liberal Arts & Social Sciences	PG Diploma in Public Space Design	PG Diploma	1 year
433	Humanities, Liberal Arts & Social Sciences	PG Diploma in Srishti Films	PG Diploma	1 year

SI No	Academic Stream	Academic Programs	UG/PG	Course duration
434	Humanities, Liberal Arts & Social Sciences	PG Diploma in Srishti Labs (SLabs)	PG Diploma	1 year
435	Humanities, Liberal Arts & Social Sciences	PG Diploma in UNESCO Chair at Srishti	PG Diploma	1 year
436	Humanities, Liberal Arts & Social Sciences	PG Diploma in Urban Design, Sustainability and Conservation	PG Diploma	1 year
<b>Manipal Centre for Business Practice (MBCP), Bengaluru</b>				
437	Management	One year Post Graduate Program in General Management	PG	1 year
438	Management	One year Post Graduate Program in Analytical Consulting	PG	1 year
439	Information Science	BA Data Sciences	UG	3 years
440	Management	Integrated Program in Management (Course offered at Manipal Campus)	UG	5 years
<b>MTMC, Jamshedpur</b>				
441	Medicine	Bachelor of Medicine and Bachelor of Surgery (MBBS)	UG	4.5 years + 1 year Internship
442	Allied Health Sciences	BSc Medical Imaging Technology (MIT)	UG	3 years + 1 year Internship
443	Allied Health Sciences	BSc Cardiovascular Technology (CVT)	UG	3 years + 1 year Internship
444	Allied Health Sciences	Bachelor of Optometry (BOptom)	UG	4 years + 6 month Internship
445	Allied Health Sciences	BSc Medical Laboratory Technology (MLT)	UG	3 years + 1 year Internship
446	Allied Health Sciences	BSc Exercise and Sports Science	UG	4.5 years + 6 months of Internship
447	Allied Health Sciences	BSc Health Information Management (HIM)	UG	3 years
448	Allied Health Sciences	BSc Renal Replacement Therapy and Dialysis Technology (RRT & DT)	UG	3 years + 1 year Internship

## Student Statistics details as on 31 December 2021

Names of the Constituent Colleges/Institutions	Level	Men	Women	Total
<b>Faculty of Health Sciences</b>				
Kasturba Medical College, Manipal	UG	600	662	1,262
	PG	275	368	643
	MPhil	3	4	7
	PhD	38	74	112
Kasturba Medical College, Mangalore	UG	696	895	1,591
	PG	152	309	461
Manipal College of Pharmaceutical Sciences, Manipal	UG	201	250	451
	PG	171	298	469
	Diploma	21	34	55
	PhD	50	67	117
Manipal College of Dental Sciences, Manipal	UG	135	370	505
	PG	29	62	91
	PG Certificate	9	18	27
	Certificate	6	8	14
	Diploma	9	1	10
Manipal College of Dental Sciences, Mangalore	UG	130	330	460
	PG	16	61	77
	Certificate	5	9	14
	PhD	-	1	1
Manipal College of Nursing, Manipal	UG	81	346	427
	PG	6	23	29
	PhD	2	11	13
	MPhil	4	21	25
Manipal School of Nursing, Manipal	Diploma	35	132	167
Melaka Manipal Medical College, Manipal	UG	143	294	437
	PhD	3	5	8
Manipal College of Health Professions, Manipal	UG	511	1,216	1,727
	PG	97	261	358
	MPhil	2	22	24
	PhD	29	57	86
	Diploma	-	1	1
	Certificate	1	1	2
Manipal School of Life Sciences, Manipal	UG	40	128	168
	PG	32	109	141
	Certificate	4	8	12
	PhD	29	37	66
	Post Doctoral Research Fellow	1	-	1

Names of the Constituent Colleges/Institutions	Level	Men	Women	Total
Manipal Institute of Regenerative Medicine, Bangalore	PG	3	30	33
	PhD	10	17	27
	MPhil	-	2	2
Prasanna School of Public Health, Manipal	PG	91	226	317
	PhD	6	20	26
	Certificate	87	158	245
Manipal Institute of Virology, Manipal	PG	5	16	21
	PhD	6	3	9
CIMR, Division of Yoga, Manipal	PG	1	9	10
	PhD	-	1	1
CIMR - Division of Ayurveda, Manipal	Certificate	1	1	2
	PhD	-	1	1
<b>Faculty of Science, Technology and Management</b>		-	-	-
Manipal Institute of Technology, Manipal	UG	6,538	1,749	8,287
	PG	724	349	1,073
	PhD	166	158	324
Manipal School of Architecture and Planning, Manipal	UG	313	470	783
	PG	14	33	47
	PhD	-	6	6
Welcomgroup Graduate School of Hotel Administration, Manipal	UG	823	384	1,207
	PhD	-	1	1
	PG	46	146	192
International Centre for Applied Sciences (ICAS), Manipal	UG	119	23	142
Manipal School of Information Sciences, Manipal	PG	257	164	421
	PhD	7	10	17
Manipal Institute of Management, Manipal	PG	193	189	382
	PhD	4	11	15
Department of Commerce, Manipal	UG	862	379	1,241
	PG	154	180	334
	PhD	11	19	30
	Certificate	12	12	24
Department of Atomic and Molecular Physics, Manipal	PG	9	15	24
	PhD	18	12	30
Department of Design, Manipal	UG	48	201	249
	PG	7	23	30
Manipal Centre for Natural Sciences, Manipal	PhD	2	2	4
Department of Sciences, Manipal	PG	68	127	195

Names of the Constituent Colleges/Institutions	Level	Men	Women	Total
<b>Faculty of Humanities, Liberal Arts, and Social Sciences</b>				
Manipal Institute of Communication, Manipal	UG	222	253	475
	PG	44	88	132
	PhD	6	9	15
Manipal Centre for European Studies, Manipal	PG	3	15	18
	PhD	-	2	2
Manipal Centre for Humanities, Manipal	UG	5	58	63
	PG	6	37	43
	PhD	5	3	8
Department of Geopolitics and International Relations, Manipal	PG	24	34	58
	PhD	5	3	8
Department of Library and Information Science, Manipal	PG	2	6	8
Department of Philosophy, Manipal	PG	3	-	3
Department of Languages, Manipal	UG	16	61	77
Gandhian Centre for Philosophical Arts and Sciences, Manipal	PG	5	11	16
<b>Off Shore Campus</b>				
MAHE, Dubai Campus	UG	881	752	1,633
	PG	211	178	389
	PhD	3	6	9
	Certificate	13	16	29
	PG Diploma	24	15	39
Melaka Manipal Medical College, Melaka Campus	UG	514	945	1,459
<b>Off Campus</b>				
Srishti Manipal Institute of Art, Design & Technology, Bangalore	UG	187	458	645
	PG	43	112	155
	PhD	5	12	17
	PG Diploma	5	7	12
Manipal Institute of Technology, Bangalore	UG	182	60	242
	PhD	-	2	2
Manipal College of Health Professions, Bangalore	PG	6	34	40
	PhD	3	1	4
Manipal Tata Medical College, Jamshedpur	UG	68	116	184
<b>Others</b>				
Directorate of Online Education	PG	342	117	459
Manipal Centre for Biotherapeutics Research	PG	-	2	2

## Teaching Staffs details as on 31 December 2021

Sl. No	Names of the Constituent Colleges/Institutions	Male	Female	Total
<b>Faculty of Health Sciences</b>				
1	Kasturba Medical College, Manipal	296	214	510
2	Kasturba Medical College, Mangalore	230	203	433
3	Manipal-TATA Medical College, Jamshedpur	91	59	150
4	Manipal College of Pharmaceutical Sciences, Manipal	53	14	67
5	Manipal College of Dental Sciences, Manipal	33	57	90
6	Manipal College of Dental Sciences, Mangalore	33	50	83
7	Manipal College of Nursing, Manipal	8	42	50
	Manipal School of Nursing, Manipal	1	15	16
8	Melaka Manipal Medical College, Manipal	55	59	114
9	Manipal College of Health Professions, Manipal	72	107	179
10	Manipal School of Life Sciences, Manipal	21	4	25
11	Manipal Institute of Regenerative Medicine, Bangalore	3	7	10
12	Prasanna School of Public Health, Manipal	10	12	22
13	Manipal Institute of Virology, Manipal	0	3	3
<b>Faculty of Science, Technology, and Management</b>				
14	Manipal Institute of Technology, Manipal	453	197	650
15	Manipal School of Architecture and Planning, Manipal	37	31	68
16	Srishti Manipal Institute of Art, Design & Technology, Bengaluru	86	93	179
17	T A Pai Management Institute, Manipal	41	18	59
18	MIT, Bengaluru	14	4	18
19	Welcomgroup Graduate School of Hotel Administration, Manipal	40	11	51
	Department of Allied Hospitality Studies, Manipal			
	Welcomgroup Academy of Culinary Arts, Manipal			
20	International Centre for Applied Sciences, Manipal	3	2	5
21	Manipal School of Information Sciences, Manipal	21	3	24
22	Manipal Institute of Management, Manipal	12	8	20
23	Department of Commerce, Manipal	28	22	50
24	Department of Atomic and Molecular Physics, Manipal	10	1	11
25	Manipal Centre for Natural Sciences, Manipal	4	0	4
26	Department of Design, Manipal	2	18	20
<b>Faculty of Humanities, Liberal Arts, and Social Sciences</b>				
27	Manipal Institute of Communication, Manipal	12	11	23
28	Manipal Centre for European Studies, Manipal	0	4	4
29	Manipal Centre for Humanities, Manipal	6	5	11
30	Department of Geopolitics and International Relations, Manipal	3	2	5
31	Department of Library and Information Science, Manipal	2	1	3
32	Department of Philosophy, Manipal	2	1	3

Sl. No	Names of the Constituent Colleges/Institutions	Male	Female	Total
33	Gandhian and Peace Studies, Manipal	1	0	1
34	Department of Languages, Manipal	2	2	4
<b>Others</b>				
1	Centre for Integrative Medicine and Research (Ayurveda), Manipal	3	1	4
2	Centre for Integrative Medicine and Research (Yoga), Manipal	1	3	4
3	Directorate of Research Health, Manipal	5	1	6
4	North Bangalore Campus, Bangalore	34	32	66
5	MAHE Bangalore Campus, Bangalore	1	0	1
6	Manipal Centre for Biotherapeutic Research, Manipal	2	0	2
7	Directorate of Online Education, Manipal	1	0	1
<b>Total</b>		<b>1,732</b>	<b>1,317</b>	<b>3,049</b>
<b>Off Shore Campus</b>				
1	MAHE Dubai Campus	31	39	70
2	Melaka Manipal Medical College, Melaka Campus	81	66	147

### Non -Teaching Staffs details as on 31 December 2021

Sl. No	Names of the Constituent Colleges/Institutions	Male	Female	Total
<b>Faculty of Health Sciences</b>				
1	Kasturba Medical College, Manipal	192	162	354
2	Kasturba Medical College, Mangalore	197	448	645
3	Manipal-TATA Medical College, Jamshedpur	96	20	116
4	Manipal College of Pharmaceutical Sciences, Manipal	26	22	48
5	Manipal College of Dental Sciences, Manipal	41	80	121
6	Manipal College of Dental Sciences, Mangalore	42	85	127
7	Manipal College of Nursing, Manipal	6	7	13
8	Melaka Manipal Medical College, Manipal	10	15	25
9	Manipal College of Health Professions, Manipal	17	21	38
10	Manipal School of Life Sciences, Manipal	23	14	37
11	Manipal Institute of Regenerative Medicine, Bangalore	9	3	12
12	Prasanna School of Public Health, Manipal	6	10	16
13	Manipal Institute of Virology, Manipal	13	12	25
<b>Faculty of Science, Technology and Management</b>				
14	Manipal Institute of Technology, Manipal	339	122	461
15	Manipal School of Architecture & Planning, Manipal	13	6	19
16	Srishti Manipal Institute of Art, Design & Technology, Bengaluru	37	33	70
17	T A Pai Management Institute, Manipal	80	68	148
18	MIT, Bengaluru	1	1	2



Sl. No	Names of the Constituent Colleges/Institutions	Male	Female	Total
19	Welcomgroup Graduate School of Hotel Administration, Manipal Department of Allied Hospitality Studies, Manipal Welcomgroup Academy of Culinary Arts, Manipal	47	24	71
20	International Centre for Applied Sciences, Manipal	2	7	9
21	Manipal School of Information Sciences, Manipal	4	4	8
22	Manipal Institute of Management, Manipal	5	6	11
23	Department of Commerce, Manipal	6	4	10
24	Department of Atomic and Molecular Physics, Manipal	9	2	11
25	Manipal Centre for Natural Sciences, Manipal	7	1	8
26	Department of Design, Manipal	0	1	1
<b>Faculty of Humanities, Liberal Arts, and Social Sciences</b>				
27	Manipal Institute of Communication, Manipal	14	5	19
28	Manipal Centre for European Studies, Manipal	3	3	6
29	Manipal Centre for Humanities, Manipal	1	4	5
30	Department of Geopolitics and International Relations, Manipal	0	5	5
31	Department of Philosophy, Manipal	0	2	2
32	Gandhian and Peace Studies, Manipal	0	1	1
33	Department of Languages, Manipal	0	3	3
<b>Others</b>				
1	Centre for Integrative Medicine and Research(Ayurveda), Manipal	3	8	11
2	Centre for Integrative Medicine and Research(Yoga), Manipal	2	0	2
3	Directorate of Research Health, Manipal	3	6	9
4	Dr TMA Pai Hospital, Karkala	19	71	90
5	Dr TMA Pai Hospital, Udupi	58	188	246
6	Durga Sanjivani Manipal Hospital, Kateel	14	30	44
7	Fortune Inn Valley View, Manipal	87	18	105
8	Hostel	365	241	606
9	Kasturba Hospital, Manipal	811	2,815	3,626
10	KMC Hospital, Attavar, Mangalore	148	634	782
11	University Departments, Manipal	459	192	651
12	MAHE Bangalore Campus, Bangalore	6	9	15
13	Manipal Centre for Biotherapeutic Research, Manipal	2	0	2
14	Directorate of Online Education, Manipal	3	3	6
<b>Total</b>		<b>3,226</b>	<b>5,416</b>	<b>8,642</b>
<b>Off Shore Campus</b>				
1	MAHE Dubai Campus	37	14	51
2	Melaka Manipal Medical College, Melaka Campus	27	68	95

## 29th E-Convocation



Chief Guest: Dr Santa Jeremy Ono, the 15th President and the Vice Chancellor of the University of British Columbia

Date: Saturday, 9 October 2021



Chief Guest: Mr Deepak Reddy, Group Head of Human Resources for Bajaj Finserv Ltd, Pune

Date: Sunday, 10 October 2021



# Glimpses of the University

## Indian Admissions

Manipal Academy of Higher Education (MAHE) is a global knowledge destination celebrating six decades in education, educating more than 33,000 students from 65 + countries. Students have the largest number of courses to choose from. There are 395 + UG and PG specializations courses offered in 30 diverse disciplines being taught across 22 Institutions and 14 University Teaching Departments. Admissions for all

these courses are centralized and the MAHE admission office conducts the function of enrolling the students on all the constituent Institutions/ Departments. MAHE takes pride in stating that we follow the "Admission by merit only" policy. Counselling for admission was conducted for various courses where the prospective students appeared in the counselling as per their rank and took admission to various courses.

A total of 65,380 applications were received for 2021 – 22 admissions

### From 1 July 2020 to 30 September 2021

Total Emails and Calls Received

Emails: 56,077; Calls: 1,95,526

Bulk Emails and SMS sent

Emails: 79,12,602; SMS: 46,35,551

### New Initiatives in 2021

- 1 Online counselling for BPharm/PharmD, MPharm, MSc Life Sciences, MPT and MSc Audiology and MSc Speech Language
- 2 Use of NoPaperForms (NPF) platform for Document Upload and Verification
- 3 New CRM (Kapture) for handling email queries
- 4 Integration of registered student details from NPF to Cloud Agent (IVR Telephony)

### Scholarships

With the objective of encouraging meritorious students and academic excellence, MAHE offers "Freeship", "Merit cum Means" and other scholarships. Listed below is the information on scholarships offered in 2021.

- **Freeship:** A total of 7 students admitted to MBBS course having All India Overall rank within the first 2000 in NEET 2021, 13 students admitted to BTech rank within the first 100 and 4 students admitted to BPharm having rank within the first 50 in Manipal Entrance Test (MET) 2020 were offered 100% freeship
- **Scholar Scholarship:** A total of 147 students were given a 20 per cent waiver of the course fee.
- **AICTE Scholarship:** A total of 109 students were given scholarships as per the AICTE scheme on tuition fee waiver for economically backward meritorious students of the BTech course
- **Scholarship for Academy of General Education Students (SAGES):** A total of 103 students were given a 75 per cent scholarship, based on their rank in MET and percentage of marks in the qualifying examination

- **Scholarship for Candidates with mother tongue as Konkani and AGE Scholarship:** Konkani speaking students and students from

Academy of General Education (AGE) colleges were provided with a 10 per cent tuition fee waiver

### New courses introduced

A total of 28 new programs were introduced for the academic year 2021-22

Institute	Level	Program Name
Kasturba Medical College (KMC), Manipal	Postgraduate (PG)	MD Palliative Medicine MSc Reproductive and Developmental Biology
	Super Speciality	DM Critical Care Medicine
	Super Speciality	MCh Paediatric Orthopaedics MCh Hand Surgery MCh Reproductive Medicine & Surgery
	Fellowship	Fellowship in Skull Base and Head & Neck Surgery Course
Kasturba Medical College (KMC), Mangalore	Postgraduate (PG)	MD Respiratory Medicine MD Psychiatry
Manipal College of Health Professions (MCHP), Manipal	Undergraduate (UG)	BSc Anaesthesia & Operation Theatre Technology (Lateral) BSc Emergency Medical Technology (Lateral)
	Postgraduate (PG)	MSc (MLT) Haematology & Immunohaematology
Manipal School of Life Sciences, Manipal	Postgraduate (PG)	MSc Tissue Engineering MSc Digital Epidemiology
Manipal College of Health Professions (MCHP), Bengaluru	Postgraduate (PG)	MSc Clinical Psychology
		MSc Medical Imaging Technology
		MSc (MLT) Clinical Biochemistry
		MSc (MLT) Haematology & Immunohaematology MSc (MLT) Microbiology & Immunology
Manipal Institute of Technology (MIT), Manipal	Undergraduate (UG)	BTech Computer Science & Engineering (Artificial Intelligence & Machine Learning)
	Postgraduate (PG)	MTech Defence Technology BTech Computer Science & Engg BTech Computer Science & Engg (Artificial Intelligence)
Manipal Institute of Technology (MIT), Bengaluru	Undergraduate (UG)	BTech Computer Science & Engg (Cyber Security) BTech Electronics & Communication Engg BTech Information technology
Gandhian Centre for Philosophical Arts & Sciences (GCPAS), Manipal	Undergraduate (UG)	BA (Aesthetics and Peace Studies)
Manipal Centre for Business Practice, Bengaluru	Undergraduate (UG)	BSc Data Sciences

## International Admissions

Fifteen per cent of the total seats under the Foreign/NRI category are offered to international students for postgraduate and undergraduate courses. This includes foreign citizens, PIO Card Holders, OCI (Overseas Citizens of India), Non-Resident Indians and NRI sponsored students (sponsored by NRI parents OR brother/sister of parents OR brother/sister of candidate OR grandparents of the candidate OR spouse of the candidate).

All admissions to UG and PG programs (except UG and PG Medical and Dental) under the Foreign/NRI category are on a first-come-first-serve merit basis, subject to the candidate's performance in the 10+2 (for UG programs)/ Bachelor's Degree (for PG programs) of India or equivalent examination, in addition to meeting the various eligibility requirements as stipulated by the regulatory bodies. There will be NO entrance examinations.

However, Foreign/NRI admissions to UG (MBBS/BDS) and PG (MD/MS/MDS/PG Diploma) programs are based on the rank obtained in the National Eligibility cum Entrance Test (NEET) and online counselling and seat allotment by Directorate General of Health Services (DGHS)/ Medical Counselling Committee (MCC).

Foreign/NRI candidates seeking admission to UG (BArch) **MUST** qualify through a recognized aptitude test in Architecture i.e., NATA (National Aptitude Test in Architecture) conducted by the Council of Architecture (COA).

Manipal Institute of Technology (MIT) is one of the participating institutions under the DASA (Direct Admission of Students Abroad), an initiative of the Government of India for the BTech Program. Twenty-two students were admitted to the BTech program at MIT in 2021-22 based on their JEE Main results through DASA counselling.

Study in India (SII), an initiative of the Ministry of Education (MEA), the Government of India are allotting admission to foreign nationals to the various UG and PG programs at MAHE. Students admitted under this program are eligible for a fee waiver in the tuition fees. Admission is through the counselling process on the Central Admission Process of SII. Two foreign nationals were admitted in the year 2021-22 under this scheme.

In the year 2021-22, we received a total of 1,980 applications, out of which 360 students were admitted for undergraduate courses. At present we have 2,141 students on rolls from 56 countries [650 foreign citizens (including OCI and PIO), 1,024 Non-Resident Indians and 467 NRI sponsored students] pursuing their higher education in the various constituent institutions/ departments of MAHE.

To attract International Students, MAHE is offering a Scholar and Achiever Scholarship for candidates admitted under the Foreign/NRI category from the year 2020. In 2021-22, 75 students were awarded 15 per cent and 117 students were offered a 10 per cent scholarship under the "Scholar" scholarship.

International Admissions Office at MAHE manages the admission and other formalities of Foreign/NRI students. The department helps the foreign students to obtain their student visas from various Indian Embassy/Consulates abroad as well as to register online ([www.indianfrro.gov.in/frro](http://www.indianfrro.gov.in/frro)) with the Foreigners Registration Office (FRO) within 14 days of entry to India to obtain a Registration Certificate and Registration Permit, an extension of Student Visa, etc.

The International Admissions office had promotional activities abroad and participated in the Virtual Education Expo in the Sultanate of Oman, Qatar, and UAE.

## MAHE Hostel

- General Information
  - a. Health Science Campus Hostels accommodate students from all the disciplines related to Health Sciences.
  - b. There are separate hostels for boys and girls which have both single and double rooms with/without air conditioner facility.
  - c. These hostels are well equipped and well maintained.
  - d. Caretakers/Block Supervisors are available round the clock, all days of the year.
  - e. The hostels have access control doors to regulate entry to and exit from the hostels.
  - f. In addition to the basic needs, other facilities include 24-hour electricity and water supply, solar water heater, Aquaguard processed drinking water, fire alarm and firefighting equipment, LED TV, lounge, guest-waiting area, and limited recreation facilities.
  - g. Each hostel has a security guard to ensure the safety and security of the inmates.
  - h. CCTV cameras have been installed in some hostels and work is in progress to install them in other hostels.

### Details of Hostels

	Total no. of hostels	Total no. of Rooms	Intake capacity	Occupied rooms	Single/Double	AC/Non-AC
Boys	9	1,612	2,163	1,509	Yes	Yes
Girls	17	2,692	3,520	2,648	Yes	Yes

- Hostels for Boys:  
C V Raman, Rabindranath Tagore, Charaka, Amartya Sen, Nehru A Block, Nehru B and C Block, NIH B Block – Boys, NBQ, WGSMA C Block Flats
- Hostels for Girls:  
Indira, Sonia, Kamaraj, Rajaji, PG Block, New Sarojini Block, NIH A block, NIH B Block – Girls, NIH C Block (Only two floors), Old S Chandrashekar, New S Chandrashekar, Nehru Ladies, Sharada, Valley Flat, WGSMA B Block, G Block and Mess Block Flats
- Common Facilities:  
Television, Newspaper, and centralized facilities comprise of Gymnasium and Sports (MARENA)
- Mess/Cafeteria:  
There are two university-sponsored service providers viz., Chef-on-wheels and Spade. All meals are provided, comprising vegetarian/non-vegetarian. The messes even cater to foreign students and serve continental meals. In addition, some canteens provide snacks and small eats beyond meal timings. All eating joints and kitchens are regularly inspected for cleanliness and hygiene.
- Management of Hostels:  
Hostels are managed by a Hostel Management Committee, headed by the first lady of the University, Madam Vasanthi R Pai. She is assisted by Chief Wardens. Each hostel has Wardens drawn out from the teaching faculties (Eight – male, Nine – female). Wardens administer the

hostels on a day-to-day basis, maintain discipline and attend to the needs and grievances of the inmates. Air Commodore Harindra Kumar Dhiman VSM is serving as the Chief Warden of Health Science Campus Hostels. Chief Warden is responsible for the overall upkeep and

maintenance of the hostels. He also functions as a via media between the university management and the hostels. His contact details are Phone: 0820 – 29 22413 and Email: chiefwarden.mahe@manipal.edu

## Photos Gallery



Amartya Sen Hostel Reading Room



Indira AC room



Indira Hostel



S Chandrashekar Hostel Double AC room



## MIT Hostel

- **General Information:**

Manipal has grown into an international hub of academic excellence with a large number of International and Indian student residents. A large number of students (approximately 8,000) from 10 Institutions on the campus viz., MIT, MSAP, MIC, MIM, MSOIS, DOC, ICAS, DOS, DOL and MCPH reside in the Engineering and Management Hostels at MIT Campus.

Lt Col B Suresh Kumar (Retd) is the Chief Warden of MIT Hostels.

The hostels provide all categories of rooms namely Single AC, Double AC, Single Non-AC and Double Non-AC rooms to cater to the varied requirements of the students from across the globe. There are a total of 15 Boys Blocks and 11 Girls Blocks with nearly 74 Wardens (Male: 44 and Female: 30)

### Details of Hostels

	Total no. of hostels	Total no. of Rooms	Intake capacity	Occupied Seats*	Single/Double/Triple	AC/Non-AC
Boys	15	3,803	5,606	3,217	Yes	Yes
Girls	11	1,302	2,338	1,310	Yes	Yes

\*as of 31 December 2021

#### Hostels for Boys

- **Non-AC:** Hostel Block Nos. 5, 6, 9, 10 and D
- **AC:** Hostel Block Nos. 8, 14, 15, 16, 17, 18, 19, 20, Regency, and NIH C (Some of the rooms in these blocks are Non-AC)

#### Hostels for Girls:

- **Non-AC:** Hostel Block Nos. 1, 2, 3, 4, 7 and 11
- **AC:** Hostel Block Nos. 12, 13, 21, 22, and NIH C (Some of the rooms in these blocks are Non- AC)

#### Common Facilities:

The hostel provides a cot, mattress, study table, chair, and a cupboard for each student. Every hostel has 24-hour electricity and water supply, solar heated water facility, a water cooler with Aquaguard filters, a common telephone, a common TV room and laundry.

All hostels also have indoor games (carrom, table tennis, chess etc.) facilities and some blocks also have a gym. Besides the campus has a swimming pool, gym for boys and girls, basketball court, football, hockey ground, athletics ground, and cricket ground.

#### Mess/Cafeteria:

Excellent mess facilities are available for all students in different messes that are Food Court-1/Food Court-2/Annapoorna/Aditya/Ashraya/Aradhana/Ananya Mess. Students can choose to be a member of any one of these messes. Membership in any one of these messes is compulsory for first and second-year students residing in hostels. Students can choose to dine in any mess of their choice.

#### Management of Hostels:

There is a dedicated team of Wardens and Caretakers who ensure students have a comfortable stay on the campus. We follow the dictum of "Pursuit of Excellence" in managing our hostels to make the stay of our students memorable.

## Photos Gallery



MIT GIRLS HOSTELS



MIT BOYS HOSTEL



MIT FOOD COURT- 1



MIT MESSES



MIT FOOD COURT- 2



MIT FOOD COURT- 2



MIT SWIMMING POOL



MIT STUDENT PLAZA

## MAHE Hostel, Mangalore

- **General Information:**

Our hostels provide a safe and secure “Home away from Home” to well over 2,252 students right in the heart of the city in close proximity to their academic and clinical venues. The hostels have single-seater, double seater, and triple seater rooms with attached baths both airconditioned and non-airconditioned and independent messing facilities. The hostels

also have reading/study rooms, TV rooms and recreational facilities. Wi-Fi connection, biometric access, and CCTV cover the connectivity and security aspects while a state of the art indoor and outdoor sports complex caters to the recreational and exercise needs of the students. Segregation of hostels has been made for first-year students, interns, and PGs also for MBBS, BDS and Allied Health courses in line with MCI directives.

### Details of Hostels

	Total no. of hostels	Total no. of Rooms	Intake capacity	Occupied rooms	Single/Double/Triple	AC/Non-AC
Boys	6	431	891	650	69/264/98	191/240
Girls	8	711	1,361	998	89/594/28	362/349

- Hostels for Boys – Male students are accommodated in six blocks housing various categories of students. First-year students are accommodated in a separate block in the Basic Sciences Campus while the balance of UG students, interns and PG students are housed in different blocks in the Kaprigudda hostel. NRI/foreign students are accommodated in Sturrock Hostel.
- Hostels for Girls – Female students are accommodated in eight blocks housing various categories of students. First-year UG students and Allied Health Sciences UG students are housed in three blocks in the Basic Sciences Campus while the balance of UG students, interns and PG students are housed in various blocks of three hostels. Female NRI/foreign students are accommodated in the Sturrock hostel girls block.
- Common Facilities – All hostels have reading/study rooms, TV rooms, Wi-Fi connectivity and provision of hot and cold filtered drinking water. All hostels have biometric access control and CCTV coverage. A state-of-the-art sports facility, the MARENA, is a shared facility for all students while there is a basketball and badminton court in the Basic Sciences Campus and a basketball court in Kaprigudda hostel.
- Mess/Cafeteria – All hostels have independent messes with adequate dining halls run by Chef on Wheels, a subsidiary company. Additionally, Chef on Wheels also runs two cafeterias, one in the Basic Sciences Campus and the other in the KMC Light House Hill Road building.
- Management of Hostels – The MAHE hostels in Mangalore are managed by the Chief Warden, Col P K Shetty, and his team of wardens, managers, matrons, and other staff under the guidance of the Dean KMC and the overall control of the Pro Vice Chancellor Mangalore Campus. Logistic support for housekeeping, maintenance and security of the hostels is provided by the Regional Manager, Qess Corporation.

## Photos Gallery



Kaprigudda Hostel



Bejai New Hostel



Sturrock Hostel



Attavara Hostel



AHS Hostel B Block



MARENA Sports Complex

## Office of the Registrar-Evaluation

### Examinations at a Glance:

- Examinations are conducted for 52 undergraduate courses and 170 postgraduate courses including super speciality and PhD programs.
- Online entrance examinations are conducted for admission to various undergraduate, postgraduate, and PhD courses.
- Examinations of the branch campus are also conducted.
- Question Banks are generated in each subject (by the internal subject experts) and question papers are selected from the question bank.
- Examinations are conducted through the Epad system across all the institutions. Question paper selected from the question bank is uploaded in the Epad cloud and approved on the previous day, which gets administered on the day of examination on time. Computer-based central evaluations are done in a question wise distributed manner.
- However, for paper-based examinations, question papers selected from the question bank are xeroxed and distributed to the examination hall on the day of the examination. Central valuation is done by double valuation (external and internal) through "On-Screen Marking" after scanning the answer scripts and uploading them to the software (candidate's identification masked to the evaluators). The third valuation is done if there is a difference of more than 15 per cent of marks between the double valuations.
- The results are published within 10 to 30 days after the last examinations.

- The students are allowed to see their answer scripts during personal paper seeing and reevaluation of the answer script is introduced.
- The academic council has given autonomy in assessment status for the following institutions/departments for three/five years.

Institute Name	Institute Name	Teaching Department
MIT	ICAS	Department of European Studies
MCOPS	MMMC-Manipal and Malaysia	Department of Geopolitics and IR
WGSMA	MAHE Dubai Campus	Department of Atomic and Molecular Physics
MSOIS	Manipal Academy of Banking and Insurance	Manipal Centre for Humanities

### Objectives of the Department:

- Conducting the examinations as per the annual calendar approved by the examination committee in compliance with regulatory body/ university guidelines.
  - Carry out the evaluation process as per regulatory body/university guidelines.
  - Declare the result within the stipulated timeframe. i.e., within 15 days of after completion of the evaluation.
  - Monitor/guide the examination process of the institutions which are given autonomy in assessment status.
- I. Total number of days on which the examinations have been conducted: 207 days

Month	Days	Month	Days
January	24	July	14
February	19	August	15

Month	Days	Month	Days
March	25	September	12
April	16	October	12
May	13	November	12
June	20	December	25

II. Programs for which the examinations have been conducted and the number of candidates who appeared for the examination in the final year:

A. Undergraduates: Passed out during the year 2021 (September 2020 – October 2021)

Sl. No	Course	No. of Students Appeared	No. of Students Passed
1	BBA Programs	324	258
2	BCom (Professional)	91	87
3	BCom (Business Process Service)	11	11
4	Final MBBS (Oct-20)	96	65
5	Final MBBS (Mar-21)	542	468
6	Final MBBS (Jul-21)	78	54
7	BSc Medical Laboratory Technology (BMLT)	1	1
8	Bachelor of Audiology & Speech-Language Pathology (BASLP)	50	50
9	BSc Medical Imaging Technology	47	47
10	BSc Medical Laboratory Technology	37	37
11	BSc Nuclear Medicine Technology	14	14
12	Bachelor of Optometry (BOptom)	33	33
13	Bachelor of Occupational Therapy (BOT)	42	42
14	Bachelor of Physiotherapy (BPT)	93	87
15	BSc Cardiovascular Technology	39	36

Sl. No	Course	No. of Students Appeared	No. of Students Passed
16	BSc Health Information Management	25	25
17	BSc Medical Radiotherapy Technology	2	1
18	BSc Perfusion Technology	14	14
19	BSc Radiotherapy Technology	14	14
20	BSc Renal Replacement Therapy & Dialysis Technology	22	22
21	BSc Respiratory Therapy	39	39
22	BSc Nursing	109	108
23	Bachelor of Pharmacy (BPharm)	105	101
24	Doctor of Pharmacy (PharmD)	30	30
25	BA Media & Communication	3	3
26	BSc Animation	39	31
27	BA Media & Communication	132	120
28	Bachelor in Architecture	194	170
29	Bachelor of Arts (Fashion Design)	2	2
30	Bachelor of Arts (Interior Design)	1	1
31	Bachelor of Design (Fashion Design)	17	17
32	Bachelor of Design (Interior Design)	32	32
33	BSc Biotechnology	58	57
34	BA Humanities	14	11
35	BTech Bio-Medical Engineering	57	57
36	BTech Chemical Engineering	116	103
37	BTech Civil Engineering	158	117
38	BTech Computer Science & Engineering	277	263
39	BTech Electrical & Electronics Engineering	179	173

Sl. No	Course	No. of Students Appeared	No. of Students Passed
40	BTech Electronics & Communication Engineering	244	223
41	BTech Industrial & Production Engineering	75	64
42	BTech Mechanical Engineering	270	256
43	BTech Information Technology	147	103
44	BTech Instrumentation & Control Engineering	112	103
45	BTech Biotechnology	63	62
46	BTech Mechatronics	94	64
47	BTech Aeronautical Engineering	67	58
48	BTech Automobile Engineering	67	50
49	BTech Computer & Communication Engineering	148	120
50	BTech Print & Media Technology	53	47
51	Bachelor of Hotel Management (BHM)	175	164
52	BA Culinary Arts	176	171

**B: Postgraduates: Passed out during the year 2021 (September 2020 – October 2021)**

Sl. No	Course	No. of Students Appeared	No. of Students Passed
1	MSc In Yoga Therapy	5	5
2	Post Graduate Certificate Course in Panchakarma	7	7
3	Master of Library & Information Science (MLibSc)	5	5
4	MCom Banking Technology	11	10
5	MCom Logistics & Supply Chain	48	42
6	MCom (Professional)	50	41
7	MSc Health Economics	5	5

Sl. No	Course	No. of Students Appeared	No. of Students Passed
8	MSc Financial Economics	9	9
9	MSc Business Analytics	14	13
10	PhD Course Work	2	2
11	PG Diploma Logistics & Supply Chain	13	13
12	MA Ecosophical Aesthetics	10	10
13	MSc Chemistry	32	31
14	MSc Applied Mathematics & Computing	23	23
15	MSc Physics	24	20
16	MSc Geology	18	18
17	MD Forensic Medicine	1	1
18	MD General Medicine	3	3
19	MD Pathology	2	2
20	MD Pharmacology	1	1
21	MD Psychiatry	1	1
22	MS General Surgery	1	1
23	MD Anaesthesiology	22	22
24	MD Community Medicine	3	3
25	MD Dermatology, Venereology, & Leprosy	3	3
26	MD General Medicine	45	44
27	MD Hospital Administration	1	1
28	MD Immunohematology & Blood Transfusion	2	2
29	MD Paediatrics	18	17
30	MD Pathology	11	8
31	MD Pharmacology	5	2
32	MD Psychiatry	3	3
33	MD Radio Diagnosis	10	10
34	MD Radiotherapy	2	2

Sl. No	Course	No. of Students Appeared	No. of Students Passed
35	MD Respiratory Medicine	2	2
36	MS General Surgery	17	16
37	MS Obstetrics & Gynaecology	21	21
38	MS Ophthalmology	10	10
39	MS Orthopaedics	20	17
40	MS Oto-Rhino-Laryngology	9	9
41	MSc Clinical Embryology	15	15
42	MSc Forensic Science	10	10
43	MSc Genetic Counselling	8	8
44	MSc Medical Anatomy	3	3
45	MSc Medical Biochemistry	15	15
46	MSc Medical Microbiology	19	19
47	MSc Medical Pharmacology	8	8
48	DM Cardiology	2	2
49	DM Neurology	2	2
50	DM Gastroenterology	1	1
51	DM Nephrology	2	2
52	MCh Urology	3	3
53	MCh Paediatric Surgery	1	1
54	MCh Neurosurgery	2	2
55	MPhil Psychiatric Social Work	4	4
56	Fellowship in Head & Neck Oncology	1	1
57	Diploma in Anaesthesia (DA)	7	6
58	Diploma in Child Health (DCH)	2	2
59	Diploma in Dermatology, Venereology, & Leprosy (DDVL)	2	2
60	Diploma in Gynaecology & Obstetrics (DGO)	6	6

Sl. No	Course	No. of Students Appeared	No. of Students Passed
61	Diploma in Otorhinolaryngology (DLO)	3	1
62	Diploma in Medical Radio Diagnosis (DMRD)	2	1
63	Diploma in Ophthalmology (DO)	2	2
64	Diploma in Psychological Medicine (DPM)	6	6
65	MA European Studies	8	8
66	MA English	17	16
67	MA Sociology	4	4
68	MSc Medical Laboratory Technology	8	8
69	MSc Medical Radiation Physics	6	6
70	MSc Nuclear Medicine Technology	9	9
71	Master in Occupational Therapy (MOT)	17	17
72	Master of Physiotherapy (MPT)	63	63
73	MSc Audiology	26	26
74	MSc Speech Language Pathology	26	26
75	MSc Cardiac Catheterization & Interventional Technology	2	2
76	MSc Clinical Psychology	40	40
77	MSc Echocardiography	4	4
78	MSc Exercise & Sports Science	14	14
79	MSc Health Information Management	5	5
80	MSc Medical Imaging Technology	9	9
81	Master of Optometry (MOptom)	11	11
82	MSc Renal Replacement & Dialysis Technology	2	2



Sl. No	Course	No. of Students Appeared	No. of Students Passed
83	MSc Respiratory Therapy	4	4
84	MDS Conservative Dentistry & Endodontics	11	11
85	MDS Oral & Maxillofacial Surgery	6	6
86	MDS Oral Medicine & Radiology	1	1
87	MDS Orthodontics & Dentofacial Orthopaedics	8	8
88	MDS Pedodontics & Preventive Dentistry	6	6
89	MDS Periodontology	7	7
90	MDS Prosthodontics and Crown & Bridge	8	8
91	MDS Public Health Dentistry	1	1
92	MSc Nursing	12	12
93	MSc Nursing (Nurse Practitioner in Critical Care)	3	2
94	Post Basic BSc in Nursing	17	16
95	MPhil Nursing	12	12
96	Doctor of Pharmacy (Post-Baccalaureate)	9	8
97	MPharm Pharmaceutical Chemistry	7	7
98	MPharm Pharmaceutics	15	15
99	MPharm Pharmacology	15	15
100	MPharm Pharmacognosy	1	1
101	MPharm Pharmaceutical Administration	15	15
102	MPharm Pharmacy Practice	9	9
103	MPharm Pharmaceutical Quality Assurance	15	15
104	MPharm Pharmaceutical Biotechnology	9	9
105	MPharm Industrial Pharmacy	15	15

Sl. No	Course	No. of Students Appeared	No. of Students Passed
106	MPharm Pharmaceutical Analysis	16	16
107	MPharm Pharmaceutical Regulatory Affairs	15	15
108	Diploma in Pharmacy (DPharm)	31	30
109	MA Media & Communication	56	56
110	PG Diploma in Corporate Communication	5	5
111	PG Diploma in Sports Communication	1	1
112	MBA	117	115
113	MBA Global Business	27	27
114	MBA Healthcare Management	31	30
115	MSc Stem Cell Technology & Regenerative Biology	13	13
116	MTech Bio-Medical Engineering	9	8
117	MTech Computer Science & Engineering	24	24
118	MTech Construction Engineering & Management	29	6
119	MTech Engineering Management	10	8
120	MTech Structural Engineering	23	14
121	MTech Tribology & Maintenance	4	1
122	MTech Control Systems	9	9
123	MTech Software Engineering	12	10
124	MTech Digital Electronics & Communication Engineering	25	16
125	MTech Manufacturing Engineering	15	6
126	MTech Print & Media Technology	1	1
127	MTech Microelectronics	30	27

Sl. No	Course	No. of Students Appeared	No. of Students Passed
128	MTech Industrial Biotechnology	17	15
129	MTech Computer Science & Information Security	29	29
130	MTech Chemical Engineering	10	10
131	MTech Environmental Engineering	18	2
132	MTech Avionics	5	0
133	MTech Industrial Automation & Robotics	28	18
134	MTech Energy Systems & Management	8	8
135	MTech Computer-Aided Analysis & Design	30	15
136	MTech Automobile Engineering	28	7
137	MTech Thermal Sciences & Energy Systems	13	0
138	MTech Computer Networking & Engineering	11	7
139	MTech Power Electronics & Drives	18	15
140	MTech Aerospace Engineering	3	1
141	Master of Computer Application	115	112
142	MSc Clinical Virology	6	6
143	MA Fashion Management	2	2
144	MA Interior Design	11	11
145	MArch Urban Design & Development	9	9
146	MA Fashion Management	5	5
147	MArch Urban Design & Development	10	10
148	ME Medical Software	2	2
149	ME VLSI Design	35	35
150	ME Embedded Systems	58	58
151	ME Embedded & Wireless Technology	1	1

Sl. No	Course	No. of Students Appeared	No. of Students Passed
152	ME Computing Technologies & Virtualization	1	1
153	ME Embedded Systems & Instrumentation	4	4
154	ME Automotive Embedded Systems	7	7
155	ME Big Data & Data Analysis	41	41
156	ME Cloud Computing	10	10
157	ME Healthcare Data Analytics	5	5
158	MSc Information Science	20	20
159	MSc Bioinformatics	13	13
160	MSc Molecular Biology & Human Genetics	17	17
161	MSc Medical Biotechnology	19	19
162	MSc by Research in Life Science	1	1
163	MSc Systems Biology	9	9
164	Master of Public Health (MPH)	61	61
165	Master of Social Work (PSW)	27	26
166	Master of Hospital Administration (MHA)	36	30
167	MSc Biostatistics	14	14
168	MSc Data Science	2	2
169	MSc Dietetics & Applied Nutrition (MSc DAN)	67	67
170	MSc Hospitality Tourism Management (MSc HTM)	29	29

III. Average number of days taken for result announcement after the last exam: 13

IV. Number of challenge valuation cases and changes after revaluation

Total candidates applied for revaluation: 602

Total subjects applied for revaluation: 848  
 Result changes after revaluation: 157  
 subjects

V. Number of malpractice cases reported: 9

VI. Number of Student complaints/grievances  
 about evaluation: Nil

**VII. Doctorate (PhD) in the year 2021:**

Sl. No.	Institution	No. of PhD awarded
Constituent Institute/Teaching Departments of MAHE		
1.	DAMP, MAHE, Manipal	2
2.	DGIR, MAHE, Manipal	3
3.	KMC, Mangalore	3
4.	KMC, Manipal	6
5.	MAHE Dubai Campus, Dubai	1
6.	MCHP, Manipal	5
7.	MCON, Manipal	4
8.	MCOPS, Manipal	4
9.	MIC, Manipal	1
10.	MIM, Manipal	2
11.	MIRM, Bangalore	1
12.	MIT, Manipal	50
13.	MIV, MAHE, Manipal	2
14.	MMMC, Manipal	8
15.	MSOIS, Manipal	2
16.	MSLS, Manipal	6
17.	PSPH, Manipal	4
18.	RRC, Udupi	1
19.	SRISHTI, Bangalore	2
20.	TAPMI, Manipal	2
External Research Centres		
21.	ATREE, Bangalore	5
22.	Bharatiya Vidya Bhavan, Bangalore	2
23.	CDFD, Hyderabad	9
24.	Centre for Nano and Soft Matter Sciences, Bangalore	2
25.	FRLHT, Bangalore	1
26.	IBAB, Bangalore	3

27.	ILS, Bhubaneswar	5
28.	IOB, Bangalore	2
29.	L V Prasad Eye Institute, Hyderabad	2
30.	Lupin Research Park, Pune	4
31.	NCBS, Bangalore	7
32.	NIAB, Hyderabad	1
33.	NIAS, Bangalore	6
34.	NIMR, Bangalore	1
35.	PPISR, Bangalore	4
36.	RCB, Faridabad	6
37.	RGCB, Trivandrum	4
38.	SACON, Coimbatore	1
39.	The Himalaya Drug Company, Bangalore	1
40.	THSTI, Gurgaon	3
<b>TOTAL</b>		<b>178</b>

**VIII. No. of candidates appeared for Manipal Online Entrance Examinations (MET 2021) (only for Engineering and Pharmacy):**

PG: 3,478

UG: 35,755

**IX: Degree Certificate issued in the year 2021:**

Total no. of Degree Certificate issued in 2021: 13,376

**X. Issue of Various Certificates in the year 2021:**

Total Mark Cards issued: 25,653

Total Provisional Pass Certificates issued: 2,879

Total Consolidated Marks Card issued: 237

Total Duplicate Marks Card issued: 212

Total Name Corrections in Mark Card: 94

## Alumni Relations

Alumni Relations of Manipal Academy of Higher Education (MAHE) puts in an effort to bring all Manipal Alumni of different institutions on one platform to create a global group of Manipalites and build long-lasting relations. We, at Alumni Relations are working with Manipal Alumni towards creating opportunities to network, share nostalgic moments, and help Alumni to connect and partner in the growth of their Alma Mater, MAHE.

Alumni Relations MAHE aims to have a very strong and engaged group of Manipal Alumni globally. In order to achieve this goal and develop a mutually beneficial relationship between alumni and alma mater; Alumni Relations, MAHE has developed a new alumni logo with the theme of CONNECT, INSPIRE and SUPPORT.

**Connect:** In this era of digitalization, we connect using emails and social networks like Facebook and Twitter @Manipalalumni. Alumni Relations has an alumni portal, which records and maintains the alumni data at manipalalumni.manipal.edu. It provides an update on alumni activities and achievements. We have an alumni network of 1.71 lakhs across MAHE of which 52 thousand alumni have voluntarily registered on our portal.

**Inspire:** Effective engagement with alumni happens across institutions as adjunct faculty/visiting faculty/guest faculty. Last year over 70 alumni faculty visited the campus and interacted with students for a greater educational experience. Over 200 alumni revisited the campus to deliver guest lectures. About 20 Orations as a part of the annual lecture series were delivered by notable alumni. Over 10 Alumni re-union events of multiple alumni

departments/batches were held across MAHE.

**Support:** The generous contribution of Mr Faizal Kottikollon MIT alumnus has led to the establishment of MIT KEF R&D Centre (over 15 crores worth) at Manipal and Vikas Khanna has been very instrumental in establishing (over 10 crores worth) Museum of Culinary Arts. Similar activities happen throughout the year.

MAHE provides a 10 per cent fee waiver for the wards of alumni to pursue higher education at any unit/institute of MAHE.

Alumni Relations MAHE has a proposal to extend alumni healthcare/other benefits to Manipal Alumni and to create Manipal Alumni Chapters all over India and abroad.


The office facilitates all the requirements and queries that alumni might have through emails, phone calls and social media platforms. Special efforts are made to make the alumni reminiscence during the visit by providing a campus tour of Manipal. The campus tour includes a visit to Experience Theatre, hostels, library, indoor sports complex, end-point, Smrithi Bhavan, Museum, Experiential projects...

Alumni can stay at the alumni guesthouse of MAHE situated adjacent to the manipal.edu building, which gives a panoramic view of the Arabian Sea at one end and a bird's eye view of Manipal at the other from a height of around 150 feet.

Those who wish to cherish the mess food experience can dine in any of the five huge food courts available on the campus. These food courts provide multi-cuisine to enthrall taste buds.

## Alumni Reunions/Homecoming events held at Manipal, Mangalore, and different places:

Sl. No	Name of the Institution	Alumni Reunions held in 2021	Date
1	KMC, Manipal	Department of Ophthalmology, KMC, Manipal in association with Operation Eyesight Universal (OEU) Alumni Association, Manipal conducted Operation Eyesight Universal Alumni Meet during MAHE and OEU Alumni Association – Late Professor P N Srinivasa Rao and Late Dr Babu Rajendran Oration Award on 24 October 2021 at Dr TMA Pai Auditorium, KMC, Manipal.	24 October 2021
2	KMC, Manipal	Virtual Alumni Meet with Malaysia Alumni:  150th Week Celebration of Motivation Monday program of Malaysia Alumni Association.	9 May 2021
3	KMC, Manipal	KMC, Manipal conducted Virtual Reunion - Class of 1970 Batch Golden Jubilee Celebrations on 16 January 2021.	16 January 2021
4	KMC, Mangalore	1996 BPT Batch, KMC-Mangalore Alumni Reunion: The virtual alumni meet of the 1996 batch of BPT of KMC Mangalore was held on 18 December 2021 at 8 pm IST on MS Teams. The meet was organized to reconnect with the batch and share the achievements and success of the alumni. The program started with a welcome note by Mr Shyam Krishnan, Alumni Faculty Representative from the Department of Physiotherapy followed by addresses by the Pro Vice Chancellor - Mangalore campus Dr Dilip G Nayak; Dean Dr M Venkatraya Prabhu and Alumni Coordinator, Mangalore, Dr Kiran N Baliga. The HOD Dr Charu Eapen in her address highlighted the achievements of the Department and welcomed the alumni. Approximately 20 to 21 alumni of the batch of 25 attended the meet along with all the faculty of the department. All the alumni shared their experiences of their life, profession, and their achievements. It was heartening to know that all were well placed in their respective fields doing extremely well all over the globe in countries like the USA, UK, New Zealand, and India to name a few. The meeting was a very nostalgic moment for all the alumni and faculty where they shared their memories of Mangalore for 25 years. The alumni were very enthusiastic and expressed their interest to continue their association with their alma mater. The meeting was very well appreciated. The HOD thanked the participants of the meet and the administration for the success of the event.	18 December 2021
5	KMC, Mangalore	The Radiology and Imaging Department had an Interactive meet and Felicitation event and a mini-Alumni meet was held on 17 September Friday at 11:30 am at MEU hall, Library complex, KMC Lighthouse Hill Road, Mangalore. This was a hybrid event with limited offline invitees and online on the MS Teams platform. This event is a thanksgiving celebration to the former Heads and Chief technologists for their contributions, which have shaped the department. The recipients of the felicitation were the former HODs of the departments Dr Naveenchandra M Shetty, Dr Ajit Mahale, Dr Ashvini Kumar, and our senior technologists Mr Ganesh Prabhu and Mr Purushottam. The Pro Vice Chancellor Dr Dilip Naik gave the ceremonial address and the Chief Guest of the event was the Dean Dr M V Prabhu. Additional Dean Dr Unnikrishnan, Dr Anand Venugopal, Medical Superintendent KMC Ambedkar Hospital, and	17 November 2021

		Dr Anand Kini, Former Associate Dean were present. Dr Santosh Rai, Professor and HOD of Radiology led the organizing committee and welcomed and thanked all the members for their contributions. The Guest of Honour, the Pro Chancellor Dr H S Ballal delivered an address filled with interesting anecdotes about his tenure as Head of the department in Mangalore and gave inspiring directions for the future.	
6	MCOPS, Manipal	MCOPS Virtual Reunion 2021: Welcome address by Mohan Devineni, Introduction of Dr C Mallikarjuna Rao by Mr Sam Madali. Closing remarks by Chandra Chaurasia	24 April 2021
7	MCODS, Mangalore	1988 Batch UG alumni meet – 25 alumni have participated	7 May 2021
8	MCODS, Mangalore	Ortho PG Alumni Association Meet – 20 alumni have participated	6 June 2021
9	MCODS, Mangalore	Ortho PG Alumni Association Meet - Tete-A-Tete with PG students – 25 alumni have participated: The Department of Orthodontics in association with the MCODES Mangalore Orthodontic Alumni Association (MMAA) conducted an interactive session, the “MMAA Alumni Mentors Tete-a-tete” for its alumni on 27 June 2021. It was an informal meeting that was conducted to facilitate networking among the alumni and rekindle old friendships. It commenced with the introduction of the newest alumni to the MMAA family. This was followed by a discussion on career opportunities abroad as well as in India. The senior alumni members provided useful insights and pointers on the intricacies of careers in clinical practice as well as in academics. Alumni from all parts of the globe including the US, Canada, Middle East, and various parts of India enthusiastically participated in the session. The meeting was coordinated by Dr Nidhin Philip Jose.	27 June 2021
10	MCODS, Mangalore	Oral Medicine Radiology PG virtual reunion – 20 alumni have participated: The Department of Oral Medicine and Radiology in association with Alumni Relations MCODES, Mangalore organized alumni meet for postgraduate students of Oral Medicine and Radiology, titled “ALUMNI MEET 1.0” on 24 July 2021. This meet was conducted through the Microsoft Teams platform.	24 July 2021
11	MCODS, Mangalore	Paediatric Dentistry PG virtual reunion – 23 alumni have participated	13 November 2021
12	MCODS, Mangalore	Webinar: “Pedoapp2021: BDS Possibilities and Beyond” and Virtual Pedo Alumni Meet by the Department of Paediatric and Preventive Dentistry, Manipal College of Dental Sciences (MCODS), Mangalore on 13 November 2021 on Microsoft Teams. The program was attended by 55 delegates, which included the 16 postgraduate alumni of the Department of Paediatric and Preventive Dentistry, MCODES, Mangalore, and Interns of MCODES, Mangalore.	13 November 2021
			
13	MCHP, Manipal	Manipal College of Health Professions (MCHP) Virtual Alumni Silver Reunion 2021: Institutional Alumni Relations and Industry Liaison Committee of MCHP conducted Virtual alumni reunion for batches 1995-96 and 1996-97 on 27 November 2021. There were 73 Alumni in total who attended the event out of which 35 were guest alumni from the 1995 and 1996 batches. Out of the 35 guest alumni 30 were	27 November 2021

internationally placed in Canada, UK, USA. Dr Rohit Singh, Director of Alumni affairs MAHE was the Chief guest for the function. Dr G Arun Maiya, Dean, MCHP welcomed the gathering, followed by an address by distinguished alumni of the 1995 and 1996 batches. Mr Rajaram Patil, Dr Badrinath Parthi, Mr Sunil K M, and Ms Aditi Tuell, followed by an address by Chief Guest Dr Rohit Singh. Dr Venkataraja Aithal U delivered the vote of thanks. This was followed by a video presentation and interactive session with alumni of the 1995 and 1996 batches.

In the feedback form collected from participants, they were impressed by the event. All the alumni agreed to contribute in whichever way possible and showed their willingness to be contacted in the future. Participants showed interest to come to Manipal for a physical meeting if it is organized in the future.

14	MCHP	MCHP - Institutional Alumni Relations and Industry Liaison Committee organized MCHP Alumni Reunion 2021 on 27 November 2021. MCHP Virtual Alumni Silver Reunion for 1995-96 and 1996-97 batch.	27 November 2021
15	DOC	Department of Commerce conducted Virtual Alumni Reunion - Batch 2008-11 on 8 May 2021 @10:00 am through MS Teams. Rohit Singh – Director of Alumni Relations inaugurating the First Virtual Alumni meet of the batch 2008-11 of Department of Commerce held on 8 May 2021. Dr Sandeep Shenoy, HoD, DoC, Dr Varalakshmi, Professor Praveen Coordinator Alumni Relations, students from the batch 2008-11, and faculties were present. Reunion witnessed an active brainstorming between students and the department on various developmental aspects. Apart from this one of the alumni of the same batch got married on that day and that was witnessed by all of us. It was a great moment for his friends and classmates which was an added attraction in the virtual alumni meet.	8 May 2021
16	DAMP	Reunion in Memory of Swathi Rao K	8 September 2021

#### Events held at the Institution:

Sl. No	Name of the Institution	Events organized	Date
1	KMC, Manipal 	KMC, Manipal organized the 4th MAHE Oration Program - Professor Krishnendu Gupta Oration on 24 December 2021. Oration by Prof Dr S Shantha Kumari (President FOGSI, Honorary Treasurer and Trustee FIGO) on the topic "Women's Empowerment - Way forward for SDG Goals".	24 December 2021
2	KMC, Manipal 	Department of ENT, KMC Manipal organized the 4th Manipal ENT Oration Award. Oration by Dr Mubarak Muhamed Khan (Consultant and Director, Sushrut ENT Hospital, Pune) on the topic "My Journey of innovations in ENT Surgeries" on 12 December 2021.	12 December 2021
3	KMC, Manipal	Department of Ophthalmology, KMC, Manipal in association with Operation Eyesight Universal Alumni Association, Manipal conducted MAHE and OEU Alumni Association – Late Professor P N Srinivasa Rao and Late Dr Babu Rajendran Oration Award. Oration Awardee Dr Rama Mohan Rao	24 October 2021

Sl. No	Name of the Institution	Events organized	Date
4	KMC, Manipal 	(Vitreo – Retina Surgeon) on 24 October 2021 at Dr TMA Pai Auditorium, KMC Manipal. Department of Obstetrics and Gynaecology, KMC, Manipal organized Oration Program by Sir Dr Sabaratnam Arulkumaran (Professor Emeritus, St George University of London Former President - Royal College of Obstetricians and Gynaecologists, London) Topic: “The world will sink without Contraception” conducted through Zoom Platform.	17 July 2021
5	KMC, Manipal	Department of Medical Education, KMC, Manipal organized MAHE – Dr A Krishna Rao Memorial Oration Award. Oration by Dr Tejinder Singh (SGRDIMSR, Amritsar, Professor, Department of Paediatrics and Medical Education) on “Assessment of Competencies” on 24 April 2021.	24 April 2021
6	KMC, Manipal 	"Hope Against Hope" Surgical Miracle at Manipal Hospital, Bangalore by Dr Vidyadhara S (KMC, Manipal, Batch - 1993, MBBS) Consultant Spine Surgeon, Manipal Hospital, Bangalore.	1 March 2021
7	KMC, Mangalore 	Department of Community Medicine, KMC, Mangalore organized the first Endowment Oration by Dr B S Sajjan. The theme of the program was “Public Health Leadership” in the COVID-19 pandemic on 06 March 2021.	6 March 2021
8	MIT, Manipal (Media Technology) 	A training/Demo of 5HO (Housekeeping system in the Kannada language) was conducted in Unit 5 of M/s Manipal Technologies Ltd, Manipal, on 20 November 2021, between 11:30 to 12:30 pm. The Head of the Department of Unit 5 had participated in this program and their feedback was obtained. Dr Nagaraj was the convener for this event. The training covered the following: <ul style="list-style-type: none"> <li>• Introduction to 5S</li> <li>• Introduction to 5HO and its differences with 5S</li> <li>• Advantages of Implementing 5HO</li> <li>• The process and different steps in 5HO implementation</li> </ul>	20 November 2021



Sl. No	Name of the Institution	Events organized	Date
9	MIT, Manipal (Media Technology) 	<ul style="list-style-type: none"> <li>• Immediate results were obtained after the implementation</li> </ul> BTech Curriculum Conclave: Exploring new possibilities. Curriculum conclave is an inaugural effort to provide direction in which the curriculum 2022 for Bachelor of Technology for various engineering disciplines at Manipal Institute of Technology (MIT) are to be orientated. The chief guest was Dr H Vinod Bhat, Executive Vice President, MAHE, preceded by CDR Dr Anil Rana, Director MIT Manipal, Dr Somashekar Bhat, JD MIT Manipal and the invited speakers were Dr Prashanth Malur, Associate Professor, MABFSI, MAHE, Bangalore Mr Ravi Shankar L Co-Founder, Shravi Creative Services, Hyderabad, Mr Sudheesh Rao, VP R&D, MTL, Manipal, Dr P Ravindranath, Director, Rho Consulting (P) Ltd., Kochi, Panel Discussion. Title: "Media Technology – Enhancing the Relevance" Moderator: Mr Shashi Ranjan, Vice President and SBU Head (CPD), MTL, Manipal Panel Members: Ms Surina Ayanna, Device Packaging Engineer, Roche-Genentech, California, USA Mr Yuvaraj, Product Owner, Esko, Bangalore Mr Abhishek Bhattacharya, VP Sales and Marketing, Anderson Printing House Pvt Lt., Calcutta Mr Ajith Thomas, Film Maker, Bangalore Mr Tanishk Shively, Consultant, Invest India, Ministry of Commerce, GoI, New Delhi. MY DREAM CURRICULUM ORAL PRESENTATION – Mr Rahul Nair, Final Year student, Media Technology Mr Nithesh Kumar, Faculty, Media Technology  POSTER PRESENTATION – Mr Kritin Okhandiar, Third-Year Student, Media Technology Mr Pranav S Joshi, Faculty, Media Technology Soft Skills Workshop	12 November 2021
10	MIT, Manipal (Biotechnology) 	Soft Skills Workshop	24 October 2021
11	MIT, Manipal	Alumni interaction with Newly joined students (5 alumni)	20 October 2021
12	MIT, Manipal (Biotechnology) 	Symbiot'21 - A National Level Biotechnology Symposium	16 October 2021

Sl. No	Name of the Institution	Events organized	Date
13	MIT, Manipal	Engineers Day Celebrations 2021-22 and Professor P V Bhandary Memorial Oration (Fourth Lecture in the Series) (Late Professor P Vardaraya Bhandary - Former Principal, MIT and Former Pro Vice Chancellor (Tech) MAHE. Oration lecture by Chief Guest Dr M S Valithan - Padma Shri and Padma Vibhushan Awardee, National Research Professor, Govt of India I Honorary Advisor, MAHE, Manipal. Oration through Online Mode.	15 September 2021
14	MIT, Manipal (Media Technology)	Career Guidance Program - Career Guidance for various streams was very well explained by the experts, and MAHE Scholarship programs were also explained in the program. Dr Anil Rana, Director MIT, Mr Sachet Suvarna, KCET Nodal Officer, Mangalore, Mr Mahesh Prabhu, Deputy Director (Admissions), MAHE were the Resource persons. Dr Nagaraj Kamath was the convener for this event.	11 August 2021
15	MIT, Manipal (Media Technology)	Career Clarity: A Blueprint - Career Guidance Program - Mr Kiran Prabhu, Plant Head, AGM, Manipal Utility Packaging Solutions Private Limited (MUPSPL), Manipal Technologies Limited (MTL), Manipal conducted a webinar in which he guided the students to take the right decision while selecting printing technology as their career.	7 August 2021
16	MIT, Manipal (Media Technology)	A three-day Faculty Development Program (FDP) Workshop was organized by the Department of Media Technology (DMT), Dr Nagaraj Kamath, the convener. The faculty of DMT was educated on the various aspects of audio-video recording devices, hardware, and software.	2 August 2021
17	MIT, Manipal (Biotechnology)	Webinar on Nanobiotechnology - The Revolution in the Current Era	29 July 2021
18	MIT, Manipal	Total 5,000 Ventilators, 500 Concentrators, nine Oxygen plants, 500 Cylinders facilitated by Mr Vikram Khurana Chair of Toronto Business Council. Courtesy state Government of Ontario and Community and shipped free by UPS through efforts of Srikanth Mallya the alumni (1986 batch) of MIT.	15 May 2021
19	MIT, Manipal (Biotechnology)	Workshop on Fundamentals of Research Methodology	11 April 2021
20	MIT, Manipal (Media Technology)	A webinar was organized by DMT in association with ESKO, Bangalore and the resource persons Mr Mahesh, Mr Prashanth, and Mr Manibharathi educated the students on the	12 March 2021

Sl. No	Name of the Institution	Events organized	Date
		tools of DESKPACK software. Mr Ramnath Shenoy was the coordinator for the event.	
21	MCODS, Mangalore	MAHE-MMOAA (MCODS, Mangalore Orthodontic Alumni Association) Dr V Surendra Shetty - Dr Subraya Mogra Endowment Oration 2021. Topic: "Has MSI changed the orthodontic world? Cases: Biology: Evidence: Future" by Professor Om P Kharbanda.	5 July 2021
			
22	MCON, Manipal	Oration 2021 in memory of Professor (Late) P P Bhanumathi and Dr (Late) Aparna Bhaduri. Session I: "Balancing Academic and Clinical Practice for Quality Healthcare Outcome" by speaker: Dr Shyamala Kumar (Director - Nursing Services, NMC Royal Hospital, Dubai Investment Park, UAE Session. Session II: "Strategic Research in Nursing - A way forward for Global Health" by speaker: Professor Dr Manju Chhugani (Dean and presently Head of Department OBG Nursing and Paramedical Sciences, Jamia Hamdard.	28 December 2021
			
			
23	MSIS, Manipal	Mr Suvadhana B, a private consultant who is an alumnus of MSIS (batch 2000) of the first batch Medical Software program visited his Alma-mater during a customer site visit at Udupi and interacted with the faculties. He shared his memories of his stay in Manipal and admired the progress of the University and the Institute.	6 February 2021
			
24	MSLS, Manipal	Mr Bharath Prasad A S (Batch 2011, PhD) delivered his thesis on the title "Influence of Host factors and microbial community in Diabetic wound Healing".	30 August 2021
			
25	MSLS, Manipal	Manipal School of Life Sciences Organized MAHE – Professor J V Bhat Memorial Oration by Dr Kishore M Paknikar (Agharkar Research Institute, Pune), Professor M S Valiathan (National Research Professor, Govt. of India) has kindly consented to preside on 3 March 2021.	3 March 2021
			
			
26	Prasanna School of Public Health (MPH Program)	Alumni Session on Gender Equity and Reproductive Autonomy	19 November 2021

Sl. No	Name of the Institution	Events organized	Date
27	Prasanna School of Public Health (MPH Program)	Alumni session on Nutritional assessment	25 September 2021
			
28	Prasanna School of Public Health (MSW Program)	Alumni Interaction Session on Challenges of HR Professionals during Pandemic	7 June 2021
			
29	Prasanna School of Public Health (MHA Program)	Alumni webinar on Experiences of Managing COVID-19 and Vaccination Drive	13 February 2021
			
30	Prasanna School of Public Health (MSW Program)	Alumni session	14 January 2021
31	Department of Atomic and Molecular Physics (DAMP)	Alumni Webinar on What Lies After MSc Photonics/Nanoscience and Technology	9 October 2021
			
32	Department of Atomic and Molecular Physics (DAMP)	Alumni Webinar on Nanotechnology for a Greener World	12 June 2021
			
33	Department of Atomic and Molecular Physics (DAMP)	Workshop on Computational Photonics by Prerak Dhawan	1 April 2021
			

Sl. No	Name of the Institution	Events organized	Date
34	Manipal Centre for Humanities (MCH)	PhD in Humanities abroad: Alumni: Rohini Shukla	3 September 2021



### Alumni Awards, Achievements and other Activities

Sl. No	Name of the Institution	Name	Awards, Achievements and Activities	Date
1	KMC, Manipal	Dr Ajay Singh T	Dr Ajay Singh T (KMC, Manipal, MBBS-1996, MS Ortho 2002) has received the International Federation of Physical Education Fitness and Sports Science association 2021 award at Hyderabad from Osmania University Physical Education Department. The topic of the talk was "shoulder injuries in throwing athletes".	15 December 2021
2	KMC, Manipal	Dr Manusrut and Dr Asheesh Dora	Dr Manusrut (MS ENT 2011) and Dr Asheesh Dora (MS ENT 2013) alumni of KMC, Manipal won the Gold Medals for Best Paper teaching and non-teaching category for junior consultants at the 6th Association of Otolaryngologists of India Telangana.	10 December 2021
3	KMC, Manipal	Dr Arun Kumar Beshamber Nath	Dr Arun Kumar Beshamber Nath (KMC, Manipal, Batch 1988, MBBS) on his conferment as the Court of Emeritus Fellows of the Malaysian Institute of Management, held at the recent 29th Tunku Abdul Rahman Lecture Series. Dr Arun Kumar is the current Chairman of the Board of Governors, Melaka Manipal Medical College. He is the Senior Executive Director and Person-In-Charge on the board of Manipal Hospital, Klang, besides sitting on the board of Manipal Education Malaysia Sdn Bhd, Manipal Integrated Services Sdn Bhd, and Manipal Education and Medical Group Malaysia Sdn Bhd. Dr Arun is also the CEO and Managing Director of MNE Solutions Sdn Bhd and CEO of S A Medical Services Sdn Bhd. As the Chairman of the Board of Governors, he was the chief guest at the recently concluded graduation ceremony of Manipal University College Malaysia.	3 December 2021
4	KMC, Mangalore	Dr K M Cherian	Dr K M Cherian (KMC, Mangalore MBBS-1960, MS-1967), Chairman and CEO of Frontier Lifeline Hospital and Dr K M Cherian Heart foundation was honoured by NOTTO for the work done in the field of	9 November 2021

Sl. No	Name of the Institution	Name	Awards, Achievements and Activities	Date
			cardiac care and organ transplantation in the country on 28 November 2021. Dr K M Cherian was honoured by Shri Mansukh Mandaviya, Honourable Union Minister of Health and Family Welfare, Dr Bharati Pravin Pawar, Honourable Minister of State for Health during the function held at Dr Ambedkar International Centre, Janpath, New Delhi organized by NOTTO (National Organ and Tissue Transplant Organization) as part of "12th Indian Organ Donation Day" celebrations. The Minister also honoured the Donor's families and the paramedical staff involved in the cadaver transplant program.	
5	KMC, Manipal	Dr Srinivas Ramaka	Dr Srinivas Ramaka (KMC, Manipal, Batch 1995, DM Cardiology) Consultant Cardiologist at Srinivas Heart Centre and Chairman and Managing Trustee, Srinivasa Heart Centre, Warangal, Telangana, received an Honour from the American Association of Cardiologists of Indian Origin (AACIO) in a virtual meet on Sunday, 14 November 2021. Dr Navin C Nanda, Founder and President of AACIO and Dr Vishal Gupta, President of AACIO read out the honour.	7 November 2021
6	KMC, Manipal	Dr Pranati Sharma	Dr Pranati Sharma (KMC, Manipal, Batch 2007, MBBS) Neurosurgeon at AIIMS, Uttarakhand, India has been inducted as a Fellow by the prestigious American College of Surgeons and to use the "FACS" designation in her title! Truly privileged to be the First and the only Female Neurosurgeon from India to have been conferred with this honour!	20 October 2021
7	KMC, Mangalore	Dr Prateek Rastogi	Dr Prateek Rastogi is currently working as a Professor and Head of the Department of Forensic Medicine and Toxicology, Kasturba Medical College, Mangalore. He also served as Professor and Head of Forensic Medicine Department, at Sikkim Manipal Institute of Medical Sciences, Gangtok from 2017 to 2019. Dr Prateek completed MBBS (2002) from KMC Mangalore and MD (2005) from KMC Manipal, Postgraduate Diploma in Medical Law and Ethics (NLSIU, Bangalore) in 2004, Postgraduate Diploma in Criminology and Forensic Science (Annamalai University) in 2007, Diploma in Cyber Law (Asian School of Cyber Laws, Pune) in 2010, Certificate course in Analytical Toxicology and	10 September 2021

Sl. No	Name of the Institution	Name	Awards, Achievements and Activities	Date
8	KMC, Mangalore	Professor Bhaskar Somani	<p>Forensic DNA Typing (Amrita Vishwa Vidyapeetham, Kerala) in 2006, Certificate in Consumer Protection Act and Medical Negligence, and Certificate in Torture Medicine (IMA AKN Sinha Institute) in 2008 and 2009 respectively, Certificate in Bioethics (MAHE) in 2015, Certificate in Forensic Identification (University of Dundee) in 2015, Advance Course in Medical Education (St John's Medical College, Bangalore) in 2015, Certificate in Health research fundamentals (NIE-ICMR) in 2016, Certificate in Introduction to Toxicology Course as a part of (GETUP) Global Educational Toxicology Uniting Project (American college of Medical Toxicology) in 2016, Fellowship in Inter professional education (MUFILIFE MAHE-FAIMER) in 2018, MBA in Human Resources (Sikkim Manipal University - Directorate of Distance education) in 2020.</p> <p>A leading Southampton surgeon has received a prestigious national award for the contribution he has made to his speciality. Professor Bhaskar Somani, (KMC, Mangalore 1994 MBBS Batch) a consultant urological surgeon at University Hospital Southampton (UHS), has received the Golden Telescope Award from the British Association of Urological Surgeons (BAUS). The annual award – which has been running for more than 20 years – recognizes excellence in young urologists for exceptional work within the first 10 years of their consultant appointment. Urology is a branch of medicine that diagnoses and treats disorders of the kidneys, ureters (the tube that carries urine from the kidney to the bladder), bladder, prostate and male reproductive organs. Professor Somani, who is also a professor of urology at the University of Southampton, has performed more than 2,000 procedures to treat kidney stones, known as ureteroscopies, since joining the Trust in 2012.</p>	10 June 2021
9	MIT, Manipal	Mr Chandra Bhushan	<p>Mr Chandra Bhushan (MIT-Manipal Batch 1989-Civil) Chief Executive officer at International Forum for Environment, Sustainable and Technology (iForest) is one of the Jury to select the awardees jointly sponsored by JSW and TOI.</p>	10 December 2021

Sl. No	Name of the Institution	Name	Awards, Achievements and Activities	Date
10	MIT, Manipal	Sundari Pai Luts	Sundari Pai Luts (MIT, Batch 1998, Printing and Media Eng.) is the Senior Manager, Global Supplier Diversity at Bristol Myers Squibb (BMS) New Jersey, USA. She has a unique perspective, previously working for diverse suppliers and now a large corporation. Sundari established Supplier Diversity programs at minority and women-owned companies, and in her current role, she works with functions across the organization in leading supplier diversity communications and also develops and executes corporate global supplier diversity programs. Sundari along with the team takes supplier diversity to the next level by bringing strategic initiatives to global programming and expansion. She established a communications office for supplier diversity activities across the corporation in the strategic sourcing and procurement organization, led the creation of the Partnering with Purpose campaign on Supplier Diversity, and develops strategies for the inclusion of the Supplier Diversity business plan across eight People Business and Resource Groups.	25 November 2021
11	MIT, Manipal	Mr Vinod Easwaran	Mr Vinod Easwaran (MIT, Manipal Batch-1986 E&C) recently has been appointed as MD and CEO of Jio Payments Bank, Maharashtra.	25 November 2021
12	MIT, Manipal	Lt Cdr Sanjeev Raju	Lt Cdr Sanjeev Raju (MIT, Manipal Batch 1995- Mechanical Engineering) GM at Sun Edison, Chennai, Tamilnadu. He served in the Indian Navy for seven years (2002-2009) as Engineering Officer at Naval Dockyard, Visakhapatnam.	20 November 2021
13	MIT, Manipal	Mr Vivian Gomes	Mr Vivian Gomes (CSS Corp: Chief Marketing Officer-Collaborator-Talent Groomer, Bangalore) an alumnus of MIT, Manipal (1997, E&E) has been recognized by White Page International as India's Best 50 Mktg. and Communications Leaders 2021 which got featured in Forbes India Magazine.	20 October 2021
14	MIT, Manipal	Mr Ibrahim Khaleel	Mr Ibrahim Khaleel (MIT, Manipal, Batch 2009, Aeronautical Eng.) is a Post-Doctoral Research fellow @ NASA Glenn Research Centre, USA. A recent PhD graduate in Mechanical Engineering with cum laude (highest honours awarded by the institute) from Politecnico di Torino. The PhD work, funded by H2020 Marie Curie Actions (www.fullcomp.net), dealt with the	15 October 2021



Sl. No	Name of the Institution	Name	Awards, Achievements and Activities	Date
			development of computationally-efficient numerical tools for progressive failure analysis of composite structures. Some of the research activities covered during the last three and half years include higher-order in-house FEM development (FORTRAN and Python-based), nonlinear material models, multiscale, contact and interface modelling in composites and parallel framework (Hybrid Open MP-MPI based). Micromechanics code developed during the course of the PhD work is integrated into the latest multiscale framework (NASMAT) developed at NASA Glenn Research Centre.	
15	MIT, Manipal	Mr Mayur Shetty	Mr Mayur Shetty (Batch 2011, Automobile Engineering) founded Blackfrog Technologies Pvt Ltd and has been recognized as one of the five Top Vaccine Management Solution Startups in the world.	22 September 2021
16	MIT, Manipal	Mr Peter George	Mr Peter George an Alumnus of MIT, Manipal (Batch 1993, Mechanical Engineering) has been appointed Managing Director for Amazon Payment Services.	17 September 2021
17	MIT, Manipal	Mr Gaurav Dhall	Mr Gaurav Dhall, Vice President – APJ and the Middle East, Managing Director-India an alumnus of MIT, Manipal (Batch 1989, E&C): One of the most AI Influential Leaders in India for the Year 2021.	15 September 2021
18	MIT, Manipal	Ms Priyanka Roy	Ms Priyanka Roy (Batch 2001, E&C) has been recently recognized by Engati (a free, no-code chatbot and live chat platform to build AI chatbots and engage in real-time conversations on WhatsApp) as one of the Top Women in AI.	10 August 2021
19	MIT, Manipal (Media Technology)	Mr Sudhanva	Achievement of being an outstanding performer in ESKO for the year 2020.	10 May 2021
20	MIT, Manipal	Mr Satya Narayana Nadella	Mr Satya Narayana Nadella (ECE, 1988) Received Padmabhushan Award.	Year 2021
21	MIT, Manipal	Air Vice Marshal Nikhil Ramesh Chitnis	Air Vice Marshal Nikhil Ramesh Chitnis: (Mechanical, 1984) AVSM (Ati Vishisht Seva Medal)	Year 2021
22	MIT, Manipal	Ms Saisri Akondi	Ms Saisri Akondi (Biomed, 2014): TOP Innovator Award in #Phicexpo (Public Health Innovations Conclave)	Year 2021
23	MIT, Manipal (Biotechnology)	Ms Palak Sehgal and Mr Keenan Pinto	Ms Palak Sehgal and Mr Keenan Pinto: Co-founder Nordetect participated in Grow-NY, and was awarded a prize worth 250,000 USD	Year 2021

Sl. No	Name of the Institution	Name	Awards, Achievements and Activities	Date
24	MIT, Manipal (Biotechnology)	Ms Tanushikha Khichi	Excellent academic performance in the MS Marketing Analytics Program and publication of her name on a dean's list indicating a high degree of respect	Year 2021
25	MIT, Manipal (Biotechnology)	Ms Trupti Tripathi	Research Technologist The Johns Hopkins University, Baltimore, Maryland, US (Nov 2021 to till date).  Graduate Research Assistant Johns Hopkins Bloomberg School of Public Health, Baltimore, Maryland, US. (September 2021 to till date)	Year 2021
26	MIT, Manipal (Biotechnology)	Mr Pranav Menon	Awarded the 2021 Geoff Hewitt Prize for outstanding performance, in MSc Advanced Chemical Engineering with Biotechnology at Imperial College London	Year 2021
27	MIT, Manipal (Biotechnology)	Deblina Das	Research associate at Raspa Pharma Pvt Ltd. Lucknow, Uttar Pradesh-India	Year 2021
28	MIT, Manipal (CSE)	Mr Bikram Singh Bedi	Mr Bikram Singh Bedi (Batch 1993, CSE): Managing Director, Google Cloud.	Year 2021
29	MIT, Manipal (CSE)	Mr Yashwanth Lodha	Mr Yashwanth Lodha (Batch 2006) 19th Asian HR Leadership award, "Dream Company to Work"	Year 2021
30	MIT, Manipal (CSE)	Mr Prakarshi Pulkit	Co-founded India's first plant based liquid vegan egg named Plant Made.	Year 2021
31	MIT, Manipal (CSE)	Mr Srinii Kandala	Mr Srinii Kandala (Batch 1993) Appointed as Head of Engineering at Motorola solutions	Year 2021
32	MIT, Manipal (CSE)	Ms Sasha Vasuvala	Ms Sasha Vasuvala (Batch 2007) Associate Partner in McKinsey and Company	Year 2021
33	MIT, Manipal (Media Technology)	Miss Jayashree P M	Miss Jayashree P M has been promoted as Assistant Manager - QC Level E8 effective from 1 September 2021	Year 2021
34	MCOPS, Manipal	Mutalik Srinivas	Mutalik Srinivas an Alumnus of MCOPS, Manipal (Batch 2004, PhD) is one of the six researchers from Manipal Academy of Higher Education (MAHE), including three from Manipal Institute of Technology (MIT), have been recognized in the top scientists worldwide list in a study by Stanford University. Mutalik Srinivas from Manipal College of Pharmaceutical Sciences was figured in the "Pharmacology and Pharmacy - Medicinal and Biomolecular Chemistry - Clinical Medicine" subject.	5 November 2021
35	MCOPS, Manipal	Dr Sonu Samuel Vaidyan and Ms Tess Emmanuel	The Department of Pharmacy Practice, MCOPS, observed World Pharmacists Day with the second edition of ANTIOTBIOTIKO'-21 on 25 September 2021. The students' representatives and alumni inaugurated the Pharmacy Literacy Club Department alumni - Dr Sonu Samuel Vaidyan (PharmD batch 2017) and Ms Tess Emmanuel (MPharm	25 September 2021




Sl. No	Name of the Institution	Name	Awards, Achievements and Activities	Date
36	MCODS, Mangalore	Dr M C Prashanth	batch 2019), who are currently working as Hospital Pharmacists in KMC, Manipal, were felicitated on the occasion of the World Pharmacists Day. Vice Chancellor, SRK University	7 October 2021
37	MCODS, Mangalore	Dr Shanmukh Srinivas Rao,	Dr Shanmukh Srinivas Rao, MCODES, Mangalore (Batch-2008, BDS) Alumni won the prestigious Unilever Hatton Award. The International Association of Dental Research organizes Unilever Hatton Award every year.	12 July 2021
38	MCODS, Mangalore	Dr Saurabh Gupta	Dr Saurabh Gupta graduated from Manipal University, India and holds a Master's Degree in Oral and Maxillofacial Surgery from Rajiv Gandhi University of Health Sciences (RGUHS), Bangalore, India. He is also trained in multiple allied surgical disciplines including Implantology, Laser and Digital dentistry. Currently, he is working as Clinical Director, Digital Dental Design Clinic and DVG's lab (3M Authorized), Bangalore. He is also a visiting senior consultant at Arogya Dental and Maxillofacial Centre, Delhi. He lectures nationally and internationally, he is Education Director/Board Member of the International Academy of Ceramic Implantology, which is the first academy in the USA dedicated to metal-free implantology. He is an active member of ZIRG (Zirconia Implant Research Group), whose objectives are to lead and orient research in metal-free implantology and support young and established clinicians in clinical and scientific research. He is also serving the "Bioceramic Division" of "The American Ceramic Society", Ohio, US. He is also involved in Research and Development projects at the Indian Institute of Science (IISc), Bangalore. He is also a fellow and ambassador for the CleanImplant foundation, whose mission is to assess the production quality and cleanliness of commercially available implant surface. He is also a board member of CBCT and DDHK international magazines. Apart from this, he is also working as a clinical specialist for COHO Biotechnology, Taiwan. At present, he is involved in a lot of research studies on zirconia implant materials and digital dentistry.	3 February 2021







Sl. No	Name of the Institution	Name	Awards, Achievements and Activities	Date
39	MCON, Manipal	Dr Vishnu Renjith	Dr Vishnu Renjith, Alumnus, Manipal College of Nursing (BSc 2006-2010, MSc 2011-2013 and PhD 2013-2017), MAHE has been conferred with the Fellowship of the Faculty of Nursing and Midwifery (FFNMRCIS), Royal College of Surgeons in Ireland. The fellowship is one of the most prestigious professional qualifications awarded to nurses/midwives who have expertly demonstrated competencies across domains of autonomy, leadership, expert practice, and research within the scope of practice. Dr Vishnu is presently working as a Lecturer and Program Director, School of Nursing and Midwifery Royal College of Surgeons in Ireland.	5 October 2021
40	MCON, Manipal	Dr Elsa Sanatombi Devi	Recipient of FAIMER Fellow of the International FAIMER Institute (IFI) Philadelphia, 2021.	2 May 2021
41	MSIS, Manipal	Dr Niha Beig	Dr Niha Beig (2012-14 Batch MSc Tech Medical Software) from Manipal School of Information Sciences received the "2021 Doctoral Excellence Award" from the office of Graduate Studies at Case Western Reserve University.	3 May 2021
42	MSIS, Manipal	Mr Sujjan Kumar Shetty	Sujan Kumar Shetty (2017 Batch) ME Big Data and Data Analytics received his first debut US Patent.	22 April 2021
43	MSIS, Manipal	Mr Prasanth Balasubramanian	Prasanth Balasubramanian (2017 Batch) ME Big Data and Data Analytics received his first debut US Patent.	22 April 2021
44	MCHP, Manipal	Ms Deeksha Shetty	Published case report of traditional Medicine related pitfalls and artifacts on Bone scan in Journal of Clinical and Medic Images.	18 December 2021
45	MCHP, Manipal	Nguyen Khac Tuan	Homemade with Heart, a competition conducted by MCNV, Vietnam	31 October 2021
46	MCHP, Manipal	Dr Milu Maria Anto	Authored a book along with four others- Surviving COVID blues	11 October 2021
47	MCHP, Manipal	Mr Sulfikar Ali A	Received the Young investigator award at the 4th Asia - Oceania Congress on Neurorehabilitation (AOCNR 2021)	6 August 2021
48	MCHP, Manipal	Ms Ashima Mahajan	Presented paper at the 47th NACIACP-2021 virtual conference and judged to be the best paper during the scientific session	28 May 2021
49	MCHP, Manipal	Ms Sneha Thiagarajan	Presented paper at the 47th NACIACP-2021 virtual conference and judged to be the best paper during the scientific session	28 May 2021
50	MCHP, Manipal	Dr Pradeepa Nayak	Secured the Kundapur Mohan and Lata Bhandarkars Merit-cum-Means Scholarship for the year 2020-21.	30 April 2021

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51	MSOLS, Manipal	Ms Maria Jerome	Ms Maria Jerome (BSc, Biotechnology-2018) of Manipal School of Life Sciences, MAHE, Manipal, won third place and was among the winners of the zonal round at Bengaluru Tech Summit 2021-Bio Quiz. Department of Electronics, Information Technology, Biotechnology and Science & Technology, Government of Karnataka organized the 24th edition of India's flagship event Bengaluru Tech Summit 2021 (BTS2021) between 17 to 19 November 2021. As a part of this BTS 2021, India's largest state-level quiz on biotechnology - Bio Quiz 2021 was held in three rounds: Preliminary, Zonal and Final Round. The objective of this quiz is to create awareness about the fascinating world of Biotechnology, encourage students to delve deep into the subject and showcase to the world the talent in this significant field of Life science. Bio Quiz 2021 state-level final was conducted virtually on 9 November 2021. The quiz hosted by renowned quizmaster Mr Giri Balasubramaniam.	5 December 2021
52	MSOLS, Manipal	Dr Pooja Jha	Dr Pooja Jha, MSLS, Manipal Alumna 2005 is the Editor-in-Chief of The Lancet Regional Health – Europe.	5 February 2021
53	PSPH, Manipal	Acharya Shashidhar	Acharya Shashidhar an Alumnus of the Department of Data Science (Batch 2012, Certificate Course in Biostatistics) is one of the six researchers from the Manipal Academy of Higher Education (MAHE), including three from the Manipal Institute of Technology (MIT), who have been recognized in the top scientists worldwide list in a study by Stanford University. Acharya Shashidhar from Manipal College of Dental Sciences was featured in the "Dentistry - Pharmacology and Pharmacy - Clinical Medicine" subject area.	2 November 2021
54	MSAP, Manipal	Ar Sahitya Pydipati	Ar Sahitya (2015 Batch) has been interviewed by "Bombay Film Production" on Blending classic and Contemporary	3 September 2021
55	MSAP, Manipal	Ar Naresh Narasimhan	Ar Naresh Narasimhan (1980 Batch) received the "Top Architects in India Award" by Construction World Architects and Builders Award.	2 August 2021
56	MSAP, Manipal	Ar Anupa Ria Kurian	Ar Anupa Ria Kurian (2009 Batch) has won the award for Best Architecture and Interior Design (Residential Building) Southern Zone.	2 March 2021
57	MSAP, Manipal	Ar Avinash Singh	Ar Avinash Singh (2001 Batch) has been awarded the Global Architect and Builder	Year 2021

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58	MSAP, Manipal	Ar Lakshmi Mohanbabu	Award 2021, International Award-winning Luxury Villa Project New Delhi Ar Lakshmi Mohanbabu's Micro sculpture was selected by the European space agency to be placed on the Moon forever.	Year 2021
59	MSAP, Manipal	Ar Sumedha Sah	Ar Sumedha Sah (2005 Batch) has worked on the project- "Redevelopment of the Railway Museum, Mysore".	Year 2021
60	DOC, Manipal	Nadella Vedashree	Nadella Vedashree (2011 Batch) received the Times Business Group award for her business venture "Fromvedas" an emerging eco-friendly brand.	20 September 2021
61	DOC, Manipal	Samuel S Jacob	Samuel S Jacob (2014 Batch) is the winner of the Indian National Rally Championship Round 2 Bengaluru on 24 October 2021.	24 October 2021

### Alumni Guest Lectures Organized

Sl. No	Name of the Institution	Name of the Alumni	Name of the Organization	Purpose of visit	Date
1	KMC, Manipal 	Dr Vikram Palimar	Professor and Head, Department of Forensic Medicine, KMC, Manipal	Research Cell at KMC, Manipal organized PhD talk series on "Ethical considerations in Health Research" by Dr Vikram Palimar (KMC, Manipal, batch 2001, MD-Forensic Medicine) Professor and Head, Department of Forensic Medicine, KMC, Manipal.	5 March 2022
2	KMC, Manipal 	Dr Sachin G Pai	Medical Oncologist and Medical Director Erasca Inc. Sann Diego, California, USA	Manipal Comprehensive Cancer Care Centre, Kasturba Hospital organized Academic Meeting on 27 November 2021. Dr Sachin G Pai (Medical Oncologist and Medical Director Erasca Inc. Sann Diego, California, USA) alumni of KMC 2004 batch, MD Gen Medicine gave a guest lecture on the topic "Drug Development in Oncology: Focus on small Molecules".	27 November 2021
3	KMC, Manipal 	Dr Muralidhar Varma	Associate Professor, Department of Infectious Diseases, Chairman, HICC, KMC-Manipal	International Conference on Combating Antimicrobial Resistance on the occasion of World Antimicrobial Awareness Week - 2021. Speaker for the program Dr Muralidhar Varma on the topic "A primer on AMS: A case-based approach".	23 November 2021
4	KMC, Manipal	Dr Sai Spandana	Second-year General Medicine, Pondicherry	KMC, Manipal organized Career Talks with Alumni on 14 November 2021 through MS Teams. The speakers for the program are Dr Sai Spandana, (Batch 2014, MBBS)	14 November 2021

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				currently second-year General Medicine, Pondicherry and Dr Sudeep G C (Batch 2015, MBBS) on the topic "PG in India: NEET and INI_CET".	
5	KMC, Manipal	Dr Sravan Chenji	Health Officer, UNICEF, Gujarat Field Office	Department of Community Medicine, KMC, Manipal organized Alumni talk series on 29 October 2021. (Virtual Mode) by Dr Sravan Chenji (KMC, Manipal, Batch 2013, MD-Community Medicine) Health Officer, UNICEF, Gujarat Field Office on the topic "Health System Strengthening".	29 October 2021
					
6	KMC, Manipal	Dr Prakash Mungli	Dean of Student Services, Department of Biochemistry, University of Medicines and Health Sciences, St. Kitts East Caribbean Island, West Indies.	Department of Biochemistry, KMC, Manipal organized Alumni Talk on "Importance of Having a Positive Mindset for Success" by Dr Prakash Mungli (Batch 2002, MD Biochemistry) Dean of Student Services, Department of Biochemistry, University of Medicines and Health Sciences, St Kitts East Caribbean Island, West Indies.	28 August 2021
					
7	KMC, Manipal	Dr Nivedita L Rao	Professor, Department of Biochemistry, Yenepoya Medical College, Mangalore	Department of Biochemistry, KMC, Manipal organized Alumni Talk on "Exploring Saliva Diagnostics" by Dr Nivedita L Rao (Batch 1991) Professor, Department of Biochemistry, Yenepoya Medical College, Mangalore through MS Teams.	28 July 2021
					
8	KMC, Manipal	Dr Shubhendu Kulshreshtha	Emergency Medicine, ST1, Thames Valley	Dr Shubhendu Kulshreshtha (Batch 2012, MBBS) gave a Career Talks on 26 July, Topic: " PLAB and UK Career Pathways" (MS Teams)	26 July 2021
					
9	KMC, Manipal	Dr Prajna P Shetty		Prajna P Shetty, PhD Scholar, Department of Biochemistry, KMC, Manipal gave a talk at the 6th Annual International Conference BGCI.	21 July 2021
					
10	KMC, Manipal	Dr Vinod C Nayak	Professor, Department of	Alumni Talk by Dr Vinod C Nayak (Batch 2002, MD-Forensic Medicine) Professor, Department of	20 July 2021

Sl. No	Name of the Institution	Name of the Alumni	Name of the Organization	Purpose of visit	Date
			Forensic Medicine, KMC, Manipal	Forensic Medicine, Coordinator, Centre for Clinical and Innovative Forensics, KMC, MAHE, Manipal. An initiative of the Department of Student Affairs, MAHE and as part of the project "Nasha Mukta Udupi Abhiyaan by involving Young Leaders of MAHE" funded by the Ministry of Social Justice & Empowerment, Govt. of India and in association with the Centre for Clinical and Innovative Forensics, KMC, Manipal.	
11	KMC, Manipal 	Dr Soumya Das		Dr Soumya Das (Batch 2013, MD-Immunohaematology and Blood Transfusion) – An invited lecture from the International Society of Blood Transfusion. Topic: "Role of plasma exchange in ANCA associated vasculitis".	20 July 2021
12	KMC, Manipal 	Dr Soumya Das		Dr Soumya Das (Batch 2013, MD-Immunohaematology and Blood Transfusion) - Invited lecture from Asian Association of Transfusion Medicine. Topic: "Rh immunization in Pregnancy: Case discussions and current update" on 14 July 2021.	14 July 2021
13	KMC, Manipal 	Dr Charan Thej Reddy and Dr Sneha Ajit		Guest Lecture by Dr Charan Thej Reddy (2015 Batch) and Dr Sneha Ajit (2013 Batch) on the topic "Exam preparation and CV building for United States Medical Licensing Exam (USMLE) " on 3 June 2021.	3 June 2021
14	KMC, Manipal 	Dr Sushil Kiran		A talk on continuous Glucose Monitoring in Diabetes Mellitus patients and the role of a pharmacologist in Industry by Dr Sushil Kiran.	22 February 2021
15	KMC, Mangalore 	Dr Shubha Tak	Assistant Professor, Himalayan Institute of Medical Sciences	Department of Audiology and SPL, KMC-Mangalore organized an Alumni guest lecture on the topic "Loudness perception in children using listening devices" by Dr Shubha Tak (Assistant Professor, Himalayan Institute of Medical Sciences).	20 December 2021









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16	KMC, Mangalore 	Dr Rajat Bhargav	Professor and Head of Radiology, Fortis Hospital, Mumbai	Department of Radiodiagnosis, KMC-Mangalore organized an alumni guest lecture on the topic "Clinical radiology: the way forward for meaningful radiology reports" by Dr Rajat Bhargav (Professor and Head of Radiology, Fortis Hospital, Mumbai).	15 December 2021
17	KMC, Mangalore 	Dr Yogeesh Pai	Consultant Stroke Physician, University Hospital North Durham	Department of Medicine, KMC-Mangalore organized an alumni guest lecture on the topic "Stroke Diagnosis and Management" by Dr Yogeesh Pai (Consultant Stroke Physician, University Hospital North Durham).	15 December 2021
18	KMC, Mangalore 	Dr Seetharama P Nayak	Orthopaedic Surgeon, Diplomate American Board of Orthopaedic Surgery	Department of Orthopaedics, KMC-Mangalore organized an alumni guest lecture by Dr Seetharama P Nayak (Orthopaedic Surgeon, Diplomat American Board of Orthopaedic Surgery) on the topic "Orthopaedic Department History of KMC Mangalore".	14 December 2021
19	KMC, Mangalore 	Dr Sonika Dahiya	Professor of Pathology and Immunology, Division of Neuropathology, Head of Neuro-oncology Pathology Washington University School of Medicine.	Department of Pathology, KMC-Mangalore organized an Alumni guest lecture (Virtual Mode) by Dr Sonika Dahiya (Professor of Pathology and Immunology, Division of Neuropathology, Head of Neuro-Oncology Pathology Washington University School of Medicine) on the topic "WHO CNS5: Practical use in routine practice"	30 November 2021
20	KMC, Mangalore 	Dr Pramod S Chinder	Chief Orthopaedic Oncologist, HCG Hospital Bangalore	Dept of Orthopaedics, KMC-Mangalore organized an alumni guest lecture by Dr Pramod S Chinder (Chief Orthopaedic Oncologist, HCG Hospital Bangalore) on the topic "Comprehensive Approach to malignant Musculoskeletal Tumours".	26 November 2021
21	KMC, Mangalore 	Dr Tom George	In-charge – Division of Interventional Radiology and Interventional Oncology, Believers Church Medical	Department of Radiodiagnosis, KMC-Mangalore organized an alumni guest lecture on the topic "Introduction to interventional radiology" by Dr Tom George (In-charge – Division of Interventional Radiology and Interventional	23 November 2021

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22	KMC, Mangalore 	Dr Surendra Basti	College Hospital, Thiruvalla Professor of Ophthalmology, Specialist in Refractive, Cornea and Cataract Surgery, Northwestern University, Feinberg School of Medicine, Chicago	Oncology, Believers Church Medical College Hospital, Thiruvalla) Department of Ophthalmology, KMC-Mangalore organized an alumni guest lecture on the topic "The Perfect 10! Ten recent advances that can enhance your cataract practice" by Dr Surendra Basti (Professor of Ophthalmology, Specialist in Refractive, Cornea and Cataract Surgery, Northwestern University, Feinberg School of Medicine, Chicago)	20 November 2021
23	KMC, Mangalore 	Dr G Seethapathy	Senior Consultant, Ophthalmic, Plastic and Orbital Surgeon, Manipal Hospital, Salem	Department of Ophthalmology, KMC-Mangalore organized an alumni guest lecture by Dr G Seethapathy (Senior Consultant, Ophthalmic, Plastic and Orbital Surgeon, Manipal Hospital, Salem) the on topic "Systematic Approach to a patient with Epiphora".	12 November 2021
24	KMC, Mangalore 	Dr Anand Pillai	Consultant Orthopaedics Foot and Ankle and Adult Reconstruction Surgeon, University Hospital of South Manchester, Southmoor Road, Wythenshawe	KMC, Mangalore organized Alumni Web Series by Dr Anand Pillai (1996 Batch, MS Ortho) Consultant Orthopaedics Foot and Ankle and Adult Reconstruction Surgeon, University Hospital of South Manchester, Southmoor Road, Wythenshawe on the topic "Hallux Valgus"	8 November 2021
25	KMC, Mangalore 	Dr M Natesh Prabhu	Professor of Pharmacology, Dhanalakshmi Sreenivasan Medical College and Hospital, Perambalur, Tamil Nadu	Department of Pharmacology, KMC-Mangalore organized an alumni guest lecture (webinar) on the topic "Drug treatment of Sexual Dysfunction and Male infertility" by Dr M Natesh Prabhu (Professor of Pharmacology, Dhanalakshmi Sreenivasan Medical College and Hospital, Perambalur, Tamil Nadu)	28 October 2021
26	KMC, Mangalore 	Dr Dharmendra Kumar Karn		Department of Dermatology, KMC-Mangalore organized an alumni guest lecture by Dr Dharmendra Kumar Karn on the topic "Approach to Lichen planus pigmentosus and its management".	22 October 2021
27	KMC, Mangalore	Mr Dan Issac Pothiyil	Assistant Professor, Senior Scale, Department of	Department of Psychiatry, KMC-Mangalore organized a workshop on the topic "Motivational	21 October 2021


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			Clinical Psychology, MAHE, KMC, Manipal	Interviewing" by Mr Dan Issac Pothiyil (Assistant Professor, Senior Scale, Department of Clinical Psychology, MAHE, KMC, Manipal)	
28	KMC, Mangalore	Mr Syam K Ravindran	Assistant Professor, Department of Clinical Psychology, MAHE, KMC, Manipal	Department of Psychiatry, KMC- Mangalore organized a workshop on the topic "Motivational Interviewing" by Mr Syam K Ravindran (Assistant Professor, Department of Clinical Psychology, MAHE, KMC, Manipal)	20 October 2021
					
29	KMC, Mangalore	Dr Niveditha Kamath	Assistant Professor, Department of Paediatric Nephrology, St John's Medical College Hospital, Bangalore	Department of Paediatrics, KMC, Mangalore organized a workshop on the topic "Approach to electrolyte imbalance and acid-base disorders". Resource person for the workshop Dr Niveditha Kamath (Assistant Professor, Department of Paediatric Nephrology, St John's Medical College Hospital, Bangalore).	18 October 2021
					
30	KMC, Mangalore	Dr K G Gopa Kumar	Assistant Professor (Paediatric Oncology), Malabar Cancer Centre, Thalassery	Department of Paediatrics, KMC- Mangalore organized an alumni guest lecture on the topic "Paediatric oncological Emergencies" by Dr K G Gopa Kumar (Assistant Professor (Paediatric Oncology), Malabar Cancer Centre, Thalassery).	12 October 2021
					
31	KMC, Mangalore	Dr Vasudeva Kamath	Assistant Professor, Touro College of Osteopathic Medicine	Department of Biochemistry, KMC, Mangalore organized an alumni guest lecture by Dr Vasudev Kamath (MBBS, 1999 Batch) Assistant professor, Touro College of Osteopathic Medicine on the topic "Von Gierke disease"	7 October 2021
					
32	KMC, Mangalore	Dr Sanjay Eapen Samuel	Professor and Principal, LMCP, Mangalore	Department of Physiotherapy, KMC, Mangalore organized a webinar on 18 September 2021. Resource person for the program Dr Sanjay Eapen Samuel (Batch 1992) Professor and Principal, LMCP, Mangalore on the topic "Pain in elderly: An interdisciplinary approach in evaluation and management".	18 September 2021
					
33	KMC, Mangalore	Dr Sanjeev Nayak	Consultant Interventional Neuroradiologist,	Department of Radiodiagnosis, KMC, Mangalore organized an alumni guest lecture by Dr Sanjeev Nayak (Batch 1987) Consultant Interventional Neuroradiologist,	14 September 2021

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			Keele University Medical School	Keele University Medical School on the topic "Mechanical Thrombectomy: Advances in Innovative Stroke Treatment"	
34	KMC, Mangalore	Dr G Seethapathy	Senior Consultant, Ophthalmic Plastic and Orbital Surgeon, Manipal Hospital, Salem	Department of Ophthalmology, KMC, Mangalore organized an alumni guest lecture by Dr G Seethapathy (MBBS, 1995) Senior Consultant, Ophthalmic Plastic and Orbital Surgeon, Manipal Hospital, Salem on the topic "Radiology for the Ophthalmologist".	20 August 2021
					
35	KMC, Mangalore	Dr Kishan Bhagwat	Consultant Radiologist, Ayush Imaging Centre, Davangere	Department of Radiodiagnosis, KMC, Mangalore organized an alumni guest lecture by Dr Kishan Bhagwat (Batch 1996, MBBS) Consultant Radiologist, Ayush Imaging centre, Davangere on the topic "Case-based review"	17 August 2021
					
36	KMC, Mangalore	Dr Kamal Bharti	Consultant Anaesthesiologist, Medanta The Medicity Gurugram	Department of Forensic Medicine and Toxicology, KMC, Mangalore organized the CME program on 15 August 2021. Resource Person for the CME Dr Kamal Bharti (1996 Batch, MBBS, Consultant Anaesthesiologist, Medanta The Medicity Gurugram) on "Toxicology and Radiology: An update in Current Medical Education"	15 August 2021
					
37	KMC, Mangalore	Dr Nagesh Pai	Foundation Professor of Psychiatry at the Graduate Medicine, Faculty of Science, Health and Medicine, and University of Wollongong, Australia	Department of Psychiatry, KMC, Mangalore organized an alumni guest lecture by Dr Nagesh Pai (MBBS, 1982, Foundation Professor of Psychiatry at the Graduate Medicine, Faculty of Science, Health and Medicine, and University of Wollongong, Australia) on the topic "Perinatal Psychopharmacology – An Overview".	14 August 2021
					
38	KMC, Mangalore	Dr Vikranth Kamboj	Consultant, Swamy Vivekanand Multispecialty Hospital Haryana	Department of Otorhinolaryngology, KMC- Mangalore organized an alumni guest lecture by Dr Vikranth Kamboj (Consultant, Swamy Vivekanand Multispecialty Hospital Haryana) on the topic "Is there a role of Chemotherapy in Head and Neck Cancers? Experience post-fellowship in Head and Neck Cancers" and	10 August 2021
					







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				Cadaveric dissection and demonstration.	
39	KMC, Mangalore 	Dr Ritesh Menezes	Professor, Forensic Medicine Division, Department of Pathology, College of Medicine, King Fahd Hospital Imam Abdulrahman Bin Faisal University, Dammam, Saudi Arabia	Department of Forensic Medicine and Toxicology, KMC, Mangalore organized an alumni guest lecture by Dr Ritesh Menezes (1988 Batch, MBBS) Professor, Forensic Medicine Division, Department of Pathology, College of Medicine, King Fahd Hospital Imam Abdulrahman Bin Faisal University, Dammam, Saudi Arabia (KSA) on the topic "A Guide to the Cause of Death Statement on Death Certificate" (MCCD).	5 August 2021
40	KMC, Mangalore 	Dr Sabarinath P S		Department of Biochemistry, KMC, Mangalore conducted a Distinguished Alumni Webinar Series. Speaker: Dr Sabarinath P S (Batch 2005, MSc Biochemistry) Topic: "Glycomics: a road not taken through MS Teams"	31 July 2021
41	KMC, Mangalore 	Dr Padma Kumar K	Professor and Head, Department of Forensic Medicine and Toxicology, Jubilee Mission Medical College and Research Institute, Thrissur, Kerala	Department of Forensic Medicine and Toxicology, KMC, Mangalore organized an alumni guest lecture by Dr Padma Kumar K (1989 MBBS) Professor and Head, Department of Forensic Medicine and Toxicology, Jubilee Mission Medical College and Research Institute, Thrissur, Kerala on the topic "Legal Aspects of Telemedicine".	31 July 2021
42	KMC, Mangalore 	Dr Sabarinath P S	Post-Doctoral Scientist, UNMC, Omaha, Nebraska	Department of Biochemistry, KMC, Mangalore organized Alumni Web Series by Dr Sabarinath P S (2005 Batch, MSc Biochemistry) Post-Doctoral Scientist, UNMC, Omaha, Nebraska on the topic "Glycomics: A road Not taken".	31 July 2021
43	KMC, Mangalore 	Dr G Seethapathy	Senior Consultant, Ophthalmic Plastic and Orbital Surgeon, Manipal Hospital, Salem	Department of Ophthalmology, KMC, Mangalore organized an alumni guest lecture by Dr G Seethapathy (MBBS, 1995) Senior Consultant, Ophthalmic Plastic and Orbital Surgeon, Manipal Hospital, Salem on the topic "Lid Malpositions and Their Management".	30 July 2021
44	KMC, Mangalore	Dr Ritesh Menezes	Professor, Forensic Medicine Division, Department of Pathology, College	Department of Forensic Medicine and Toxicology, KMC, Mangalore organized Alumni Guest Lecture by Dr Ritesh Menezes (1988 Batch,	29 July 2021

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			of Medicine, King Fahd Hospital Imam Abdulrahman Bin Faisal University, Dammam, Saudi Arabia	MBBS) Professor, Forensic Medicine Division, Department of Pathology, College of Medicine, King Fahd Hospital Imam Abdulrahman Bin Faisal University, Dammam, Saudi Arabia (KSA) on the topic "A Guide to the Cause of Death Statement on Death Certificate (MCCD)".	
45	KMC, Mangalore 	Dr Vishwas K V	Associate Professor, Rajarajeshwari Medical College, Bangalore	Department of Otorhinolaryngology, Mangalore organized an alumni guest lecture by Dr Vishwas K V (Batch 2007, MS ENT) Associate Professor, Rajarajeshwari Medical College, Bangalore on the topic "Rhinoplasty".	of 29 July 2021
46	KMC, Mangalore 	Dr Parvathi Chandran	Consultant Radiologist, Westford hi-tech Hospital, Thrissur	Department of Radiodiagnosis, KMC, Mangalore organized an alumni guest lecture by Dr Parvathi Chandran (Batch 2014, MD Radiodiagnosis) Consultant Radiologist, Westford hi-tech Hospital, Thrissur on the topic "Approach to arthritis".	27 July 2021
47	KMC, Mangalore 	Dr Francis Monteiro	Professor and Head, Associate Dean Department of Forensic Medicine and Toxicology, AJ Institute of Medical Sciences and Research Centre, Mangalore	Department of Forensic Medicine and Toxicology, KMC, Mangalore organized Alumni Guest Lecture by Dr Francis Monteiro (MBBS, 1993 Batch) Professor and Head, Associate Dean Department of Forensic Medicine and Toxicology, AJ Institute of Medical Sciences and Research Centre, Mangalore on the topic "Forensics of Ethanol Intoxication".	24 July 2021
48	KMC, Mangalore 	Dr Godfred A Menezes	Associate Professor, Medical Microbiology and Immunology, RAK College of Medical Sciences and Clinical Microbiologist, RAK Hospital, Ras Al Khaimah, UAE	Department of Microbiology, KMC, Mangalore organized an alumni guest lecture by Dr Godfred A Menezes (Batch 2000, MSc Microbiology) Associate Professor, Medical Microbiology and Immunology, RAK College of Medical Sciences and Clinical Microbiologist, RAK Hospital, Ras Al Khaimah, UAE on topic "Future Perspectives and Career Building"	21 July 2021
49	KMC, Mangalore	Dr Tushar Arun Dixit	Consultant Anaesthetist, St Helens and Knowsley Teaching Hospitals NHS Trust	Dept of Anaesthesiology, KMC, Mangalore organized Alumni Guest Lecture by Dr Tushar Arun Dixit (1989, MBBS) Consultant Anaesthetist, St Helens and	19 July 2021

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				Knowsley Teaching Hospitals NHS Trust on the topic – “Adjuvant Analgesics”.	
50	KMC, Mangalore	Dr Rakshay Shetty	Paediatrics Intensivist, Rainbow Children’s Hospital, Bangalore	Online guest lecture for PG students by Dr Rakshay Shetty (Paediatrics Intensivist, Rainbow Children’s Hospital, Bangalore) conducted by the Department of Paediatrics.	25 June 2021
					
51	KMC, Mangalore	Dr Anish Singhal	Assistant Professor, Department of Physiology, All India Institute of Medical Sciences, Bibinagar, Hyderabad	Online guest lecture by Dr Anish Singhal (Assistant Professor, Department of Physiology, All India Institute of Medical Sciences, Bibinagar, Hyderabad) for first-year MBBS students (2020-21) conducted by the physiology department.	18 June 2021
					
52	KMC, Mangalore	Dr Niveditha Kamath	Assistant Professor, St John’s Medical College Hospital, Bangalore	Online guest lecture by Dr Niveditha Kamath (Assistant Professor, St John’s Medical College Hospital, Bangalore) for PG students conducted by the Department of Paediatrics.	10 June 2021
					
53	KMC, Mangalore	Dr Vishwas K V	Clinical Associate Professor, Rajarajeshwari Medical College and Hospital, Bangalore	Online guest lecture for PG students by Dr Vishwas K V (Clinical Associate Professor, Rajarajeshwari Medical College and Hospital, Bangalore) conducted by the Department of Otorhinolaryngology.	30 May 2021
					
54	KMC, Mangalore	Dr Srinivas Kishore Sistla	Consultant, Star Hospitals, Banja Hills, Hyderabad	Online guest lecture for PG students by Dr Srinivas Kishore Sistla (Consultant, Star Hospitals, Banja Hills, Hyderabad) conducted by the Department of Otorhinolaryngology.	27 May 2021
					
55	KMC, Mangalore	Miss Raksha N Rajesh		Department of Psychiatry conducted the 47th National Annual Conference of Indian Association of Clinical Psychologists (47th NACIACP)	25 May 2021
					
56	KMC, Mangalore	Dr Dharmendra Kumar Karn	Professor and Head, Dhulikhel Hospital,	Guest lecture: Topic: “Management of non-scarring alopecia” for PG students by Dr Dharmendra Kumar	21 May 2021x







Sl. No	Name of the Institution	Name of the Alumni	Name of the Organization	Purpose of visit	Date
			Kathmandu University, Nepal	Karn (Professor and Head, Dhulikhel Hospital, Kathmandu University, Nepal) conducted by the Department of Dermatology.	
57	KMC, Mangalore	Dr Shrishu Kamath	Senior Consultant-Paediatric Intensive care, SRM Institutes for Medical Science, Chennai	Online guest lecture for PG students by Dr Shrishu Kamath (Senior Consultant-Paediatric Intensive care, SRM Institutes for Medical Science, Chennai) conducted by the Department of Paediatrics.	14 May 2021
					
58	KMC, Mangalore	Dr Anu V Ranade	Associate Professor, Faculty of Medicine, University of Sharjah, UAE	Department of Anatomy, KMC-Mangalore organized an alumni guest lecture on the topic "Technique to solve higher-order MCQs of GI System" by Dr Anu V Ranade (Associate Professor, Faculty of Medicine, University of Sharjah, UAE).	11 May 2021
					
59	KMC, Mangalore	Dr Vijetha V Maller	Assistant Professor, Lebonheur Children's Hospital, The University of Tennessee Health Science Centre, Memphis, USA	Department of Radiodiagnosis, KMC-Mangalore organized an alumni guest lecture on the topic "Acute paediatric abdomen" by Dr Vijetha V Maller (Assistant Professor, Lebonheur Children's Hospital, The University of Tennessee Health Science Centre, Memphis, USA)	10 May 2021
					
60	KMC, Mangalore	Dr Rekha Prabhu	Associate Professor and Head, Department of Physiology, Manipal University College of Malaysia	Online guest lecture by Dr Rekha Prabhu (Associate Professor and Head, Department of Physiology, Manipal University College of Malaysia) for first-year MBBS students (2020-21) conducted by the Physiology Department.	6 May 2021
					
61	KMC, Mangalore	Dr Shridhar Arunachalam	Consultant Neonatal and Development Medicine, ACADEMIA Level 3, Singapore General Hospital 20, Singapore	Department of Paediatrics conducted an online guest lecture for PG students by Dr Shridhar Arunachalam (Consultant Neonatal and Development Medicine, ACADEMIA Level 3, Singapore General Hospital 20, Singapore).	29 April 2021
					
62	KMC, Mangalore	Dr Nagesh Pai	Foundation Professor of Psychiatry, University of Wollongong's Graduate Medicine, Australia	Department of Psychiatry, KMC-Mangalore organized an alumni guest lecture by Dr Nagesh Pai (Foundation Professor of Psychiatry, University of Wollongong's Graduate Medicine, Australia) on	10 April 2021
					



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63	KMC, Mangalore 	Ms Veena Raigangar	Lecturer, University of Sharjah	the topic "Art of Writing Research Paper in Psychiatry". Guest Lecture by Ms Veena Raigangar (Lecturer, University of Sharjah) on "Pedagogy" for PG students conducted by the Department of Physiotherapy.	9 April 2021
64	KMC, Mangalore 	Dr Mithun Sekhar	Consultant Radiologist, Postgraduate Institute of Medical	Department of Radiodiagnosis, KMC, Mangalore organized an alumni guest lecture by Dr Mithun Sekhar (Batch 2011, MD Radiodiagnosis) Consultant Radiologist, Postgraduate Institute of Medical and Research, Chandigarh on the topic "Diagnostic of stroke".	8 April 2021
65	KMC, Mangalore 	Dr Mithun Sekhar	Consultant Radiologist, Postgraduate Institute of Medical	Guest Lecture by Dr Mithun Sekhar on "Neuroradiology" conducted by Department of Radiodiagnosis.	21 March 2021
66	KMC, Mangalore 	Ketaki Vasant Phadke		Assistant Professor - Institute of speech and hearing Bangalore gave a webinar. "Recent Advances in Vocal Fold Visualization".	4 March 2021
67	KMC, Mangalore 	Dr Bhagyalakshmi		Talk on "CBME Assessment Evaluating Competency" by Dr Bhagyalakshmi.	6 February 2021
68	KMC, Mangalore 	Dr Anuradha K		Talk on "Revitalize Microbiology through CBME" by Dr Anuradha K	6 February 2021
69	KMC, Mangalore	Dr Sanjay Navani		Guest Lecture by Dr Sanjay Navani on "A systematic analysis of commonly used antibodies in cancer diagnostics" conducted by Department of Pathology.	6 February 2021

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70	KMC, Mangalore	Dr Srivani Swaminathan		Workshop on "Physiotherapy in pelvic floor dysfunction".	22 January 2021
					
71	MIT, Manipal (Media Technology)	Dr P Ravindranath	Rho Consulting Pvt Ltd	Guest lecture on "Marketing Trends in Pandemic". The resource person was Dr P Ravindranath, Rho Consulting Pvt Ltd.	7 December 2021
					
72	MIT, Manipal (Media Technology)	Mr Ravi Shankar L	Co-Founder, Shravi Creative Services, Hyderabad	Guest lecture on "Challenges and Quality issues in Sound Mixing and Recording". The resource person was Mr Ravi Shankar L Co-Founder, Shravi Creative Services, Hyderabad.	2 December 2021
					
73	MIT, Manipal	Dr Gaurav Bhattacharjee		Online Guest Lecture	27 November 2021
					
74	MIT, Manipal (Physics)	Mr Ananda Hegde	Research Student, Institute of Photonics Technologies at National Tsing Hua University, Taiwan	Talk about "Higher education opportunities abroad" (Online mode)	23 October 2021
					
75	MIT, Manipal (Physics)	Dr Devaraja H M	Research Scientist, Flerov Laboratory of Nuclear Reactions, Joint Institute for Nuclear Research, Moscow, Russia	Talk about "Higher education opportunities abroad" (Online mode)	23 October 2021
					
76	MIT, Manipal (Information and	Mr Yash Mehta	Dobby	Online Guest Lecture	3 October 2021






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	Communication Technology)				
					
77	MIT, Manipal (Biotechnology)	Ms Purna Jain	Senior Data Scientist at ConcertAI, Los Angeles, California, United States	Online Guest Lecture	29 August 2021
					
78	MIT, Manipal (Biotechnology)	Mr Mukund Kabbe	PhD Candidate at Karolinska Institute, Stockholm-Sweden	Online Guest Lecture	28 August 2021
					
79	MIT, Manipal (Biotechnology)	Ms Aishwaria Manek	Strategy Insights and Planning Associate, @ ZS Associates MS MS&E Stanford New York, New York, United States	Online Guest Lecture	25 August 2021
					
80	MIT, Manipal (Biotechnology)	Mr Aditya Jupudi	PhD Scholar, Graduate College, Oklahoma University	Online Guest Lecture	21 August 2021
					
81	MIT, Manipal	Dr Oishi Sanyal, Bharatram Muralidharna and Manoj Selvraj		Online Guest Lecture	20 August 2021
					
82	MIT, Manipal (Biotechnology)	Ms Sanjula Mansingh	Life coach-Self Employed,	Online Guest Lecture	18 August 2021

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			Roorkee, Uttarakhand, India		
83	MIT, Manipal (Information & Communication Technology)	Ms Ananya Gupta	Microsoft	Online Guest Lecture	1 August 2021
					
84	MIT, Manipal (Biotechnology)	Mr Karan Gera	Project Management in CDMO Biologics, Pune Maharashtra	Online Guest Lecture	10 July 2021
					
85	MIT, Manipal (Biotechnology)	Mr Arun Somasundaram	Dartmouth Engineering Management, New Hampshire, United States	Online Guest Lecture	26 June 2021
					
86	MIT, Manipal (Mechanotics)	Mr Vijaya Varada	CEO and Founder Fractal works, Bangalore.	Online Guest Lecture	21 June 2021
					
87	MIT, Manipal (Biomedical Engineering)	Shruti Lall	Behavioural Skills Trainer and Confidence Coach, Indian Academy of Training and Development, Gurgaon, Haryana, INDIA	2015-2017 Batch PG student, delivered an online webinar on the topic: "Bid Adieu to Exam Anxiety"	5 June 2021
					
88	MIT, Manipal (Information and	Mr Praneeth Jain	Flipkart	Online Guest Lecture	1 May 2021





Sl. No	Name of the Institution	Name of the Alumni	Name of the Organization	Purpose of visit	Date
	Communication Technology)				
					
89	MIT, Manipal (Information and Communication Technology)	Mrs Kavya Srinet	Facebook, USA	Online Guest Lecture	19 April 2021
	Communication Technology)				
					
90	MIT, Manipal (Information and Communication Technology)	Ms Krithika H J	Western Digital, Bangalore	Online Guest Lecture	12 April 2021
	Communication Technology)				
					
91	MIT, Manipal (Biomedical Engineering)	1. Nishtha Bhan 2. Mallika Singh 3. Samyukta Rangachari 4. Spandana Chintapalli	1. Solutions Engineer, Florence Healthcare 2. Graduate Researcher, John Hopkins University. 3. Regulatory Affairs Specialist, Penumbra 4. Data Scientist II, Biogen.	2014 - 2018 Batch UG Students, gave an online webinar on the topic "It's all BME: The scope of Biomedical Engineering & Higher Education in USA".	6 April 2021
	Communication Technology)				
					
92	MCOPS, Manipal	Mr Salil Kallianpur	Founder ARKS Knowledge Consulting Pvt Ltd.	Webinar: Students and alumni of the Department of Pharmacy Management, MCOPS had an interactive webinar with Mr Salil Kallianpur, Founder ARKS Knowledge Consulting Pvt Ltd. and former member of the Board of Directors for GlaxoSmithKline Asia Pvt Ltd. Mumbai on June 25, 2021.	25 June 2021
	Communication Technology)				
					




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93	MCOPS, Manipal 	Dr Amit Patel	Partner, MME LLP, US	<p>Over 35 participants attended this session.</p> <p>During his interaction, Mr Kallianpur highlighted the importance of digital communication in marketing. He explained the nuances of marketing, the evolution of the practices and digitalization undertaken by companies, especially tech giants. He used the corollary of the tech industry to explain the importance of digitalization in the pharmaceutical sector, the challenges associated and how to overcome them. Mr Kallianpur emphasized on changing the mindset of consumers, improving user experience, and using digital strategy to enhance the brand value. The insightful session helped participants enhance their understanding of the use of digital strategy in pharmaceutical marketing.</p> <p>Webinar Students and alumni of the Department of Pharmacy Management, MCOPS, and ISPOR Manipal Student Chapter organized an interactive lecture with Dr Amit Patel, Partner, MME LLP, US and Adjunct Faculty, Dept of Pharmacy Management on July 22, 2021. About 55 participants were present for the session.</p> <p>During his interaction, Dr Patel gave an overview of the US healthcare market, the payer perspective and role of third-party payers, the pricing and access to pharmaceuticals highlighting the role of government and private payers, insurance companies, payment mechanisms for prescription medications and how Centre for Medicare and Medicaid Services (CMS) plays an important role in the access to healthcare. Dr Patel also explained the tiered pricing system and co-pay mechanisms as well as out of pocket expenditure in accessing pharmaceutical products in the US market.</p>	22 July 2021

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94	MCOPS, Manipal 	Mr Abhishek Ghosh	Senior Director – Biometrics Premier Research, Bangalore	<p>Dr Patel lucidly and succinctly gave an overview of the US healthcare system. He also addressed the questions and queries from the participants during the session.</p> <p>Guest Lectures on “Professional and Skill Development” organized by the Department of Pharmacology, Manipal College of Pharmaceutical Sciences, Manipal. The two lectures were divided into 4 sessions and conducted on September 18, 19 and October 2, 2021. The lectures were organized for the benefit of the final year undergraduate and postgraduate students of MCOPS. All sessions were conducted via MS Teams.</p> <p>The resource person invited to deliver the sessions, is an Alumni of MCOPS, Mr Abhishek Ghosh, who did his MPharm in Pharmacology during 2002-2004. Mr Ghosh has more than 16 years of experience in the Pharma industry in the fields of Marketing, Production, Clinical Trials, Data Management and Biometrics. He also completed his master’s in psychology and is currently pursuing doctoral research in the field of career guidance and counselling. Mr Ghosh based his talks on the skill set that will be needed in the future world of work. On September 18, 2021, during session 1, he talked about the Cognitive skills like critical thinking, communication, mental flexibility, and planning and ways of working needed to succeed in any career.</p> <p>In Session 2, conducted on September 19, 2021, Self-leadership skills including self-awareness and self-management, entrepreneurship, achievement orientation etc. were covered. During sessions 3 and 4, on October 4, 2021</p> <p>Mr Ghosh gave an overview of interpersonal skills like developing relationships, teamwork effectiveness etc., and digital skills</p>	19 September 2021

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				like digital literacy, digital ethics, computational and algorithmic thinking etc. The sessions were attended by the graduate and undergraduate students, and the faculty of MCOPS. The lectures were well received and interactive. The speaker engaged with the students and faculty, and it helped the students to understand the needs of skill sets required to progress and achieve in their career paths.	
95	MCODS, Manipal 	Dr Gayathri Shenoy	Department Periodontics	Guest Lecture on Virtual Mode	29 October 2021
96	MCODS, Manipal 	Dr Anshu Bathija	Department of Prosthodontics	Webinar organized on Virtual Mode	29 October 2021
97	MCODS, Manipal 	Dr Bindu Koshy	Specialist Periodontist, Cardiff	Webinar on "Management of 19 patients with Periodontal diseases". Resource person Bindu Koshy, Specialist Periodontist, Cardiff	October 2021
98	MCODS, Manipal 	Dr Divesh Sardana		Webinar	8 October 2021
99	MCODS, Manipal 	Dr Vineet Dhar	Department Of Paediatric and Preventive Dentistry	Webinar	17 August 2021
100	MCODS, Manipal	Dr Davis C Thomas	Dr Davis C Thomas Clinical Assistant Professor, Division of Diagnostic	Webinar	29 June 2021



Sl. No	Name of the Institution	Name of the Alumni	Name of the Organization	Purpose of visit	Date
			Sciences, New Jersey School of Dentistry, USA		
101	MCODS, Manipal	Dr Gayathri Shenoy	Active member of the American Dental Association (ADA), Academy of Periodontology (AAP), International Team for Implantology (ITI) and American Association of Women Dentists (AAWD)	Department of Periodontology organized CDE Webinar on "Review on Mucogingival Procedures – Basics and Surgical Techniques by Dr Gayathri Shenoy (Batch 2010)"	09 January 2021
					
102	MCODS, Manipal	Dr Shrey Dhawan	Department of Conservative Dentistry	Interactive session on "career guidance and practice management"	01 January 2021
					
103	WGSHA, Manipal	Ms Marriyah Hassan and Ms Ninoshka	Ms Marriyah Hassan – Medical Dietitian at Ashford & St Peters Hospital, NHS Foundation, UK. Ms Ninoshka – Doctoral candidate at Deakin University, Melbourne, Australia.	WGSHA organized the 12th Course MSc Dietetics and Applied Nutrition Orientation Program. Alumna Ms Marriyah Hassan (2nd Course MSc DAN) and Alumna Ms Ninoshka Dsouza (3rd Course MSc DAN) addressed the Orientation Program.	25 November 2021
					
104	MCODS, Mangalore	Dr Arun Simon	Senior Lecturer, Department of Public Health Dentistry, Sri Ramakrishna Dental College and Hospital, Coimbatore	A Workshop on Research Methodology, Epidemiology, Biostatistics and Ethics titled - "eviDENS – 2021" was organized by the Department of Public Health Dentistry, MCOADS, Mangalore on 13 and 14 December 2021. Dr Arun Simon, alumni of 2012 batch and currently employed as Senior Lecturer, Department of Public Health Dentistry, Sri Ramakrishna Dental College and Hospital, Coimbatore, conducted a session on Advanced literature search.	13 December 2021
					

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105	MCODS, Mangalore 	Dr Vaibhav Thakkar	Senior Lecturer, Department of Public Health Dentistry, MGM Dental College and Hospital, Navi Mumbai	A workshop on Research Methodology, Epidemiology, Biostatistics and Ethics titled - "eviDENS – 2021" was organized by the Department of Public Health Dentistry, MCOADS, Mangalore on 13 and 14 December 2021. Dr Vaibhav Thakkar, alumni of the 2011 batch and currently employed as Senior Lecturer, Department of Public Health Dentistry, MGM Dental College and Hospital, Navi Mumbai discussed various aspects of writing research protocol.	13 December 2021
106	MCODS, Mangalore 	Dr Raghbir Kaur	Director, Paediatric Dental Services, NYU Langone Medical Centre, NY, USA	Department of Paediatrics and Preventive Dentistry organized a lecture on "Conscious Sedation" by Dr Raghbir Kaur (Adjunct Faculty Department of Paediatrics and Preventive Dentistry, MCOADS, Mangalore Batch 1999)	23 November 2021
107	MCODS, Mangalore 	Dr Nachiket Shah		Department of Paediatric and Preventive Dentistry organized the CDE Program "Pedo App 2021" BDS Possibilities and beyond on 13h November 2021. Resource person for the program Dr Nachiket Shah (PG Alumnus, Batch of 2011)	13 November 2021
108	MCODS, Mangalore 	Dr Ankur Agrawal		On 27 and 28 October 2021, MAHE Student Research Forum hosted its very first Virtual International Student Conference for all healthcare undergraduates. Alumni – Dr Ankur Agrawal (1993 batch UG Alumni) who spoke on Digital Health: Opportunities and Challenges.	28 October 2021
109	MCODS, Mangalore 	Dr Peddi Shanmukh Srinivas		On 27 and 28 October 2021, MAHE Student Research Forum hosted its very first Virtual International Student Conference for all healthcare undergraduates. Dr Peddi Shanmukh Srinivas (2008 batch UG Alumni) delivered a lecture on "ANTMAN: From Fiction to Reality".	28 October 2021
110	MCODS, Mangalore	Dr Sasil Poonnen	Former Adjunct Faculty, University of Sharjah.	Department of Orthodontics and Dentofacial Orthopaedics, MCOADS Mangalore Orthodontic Alumni Association organized an Interdisciplinary Discussion Forum	22 October 2021

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				on the topic "Management of Class III Malocclusions- The road less travelled". The resource person for the session was Dr Sasil Poonnen, a graduate of the MCOADS (PG Batch of 1987) and Former Adjunct Faculty, University of Sharjah. He played a crucial role in the establishment of the Department of Orthodontics at Sharjah University and worked there for 11 years. Dr Sasil has been successfully running his private practice in Sharjah as well.	
111	MCOADS, Mangalore 	Dr Viral Mehta		A webinar titled - "Bench Test Preparation" (Canadian Dental Schools) was organized by the Department of Public Health Dentistry, MCOADS, Mangalore on 25 September 2021. The resource persons for the program were Alumnus MCOADS, Mangalore Batch 2012, and Dr Viral Mehta who discussed the process to pursue DDS in Canada. He also stressed bench test preparation and its importance for the DDS admission into various Canadian Dental Schools.	25 September 2021
112	MCOADS, Mangalore 	Dr Palak		Guest Lecture on Dentistry in Canada - The whole Picture	25 September 2021
113	MCOADS, Mangalore 	Dr Hussain Lokhandwala, Dr Abhinav Kathuria, Dr Harshan D and Dr Shrishty Bharadwaj	Dr Hussain Lokhandwala (Currently Pursuing MDS in Orthodontics and Dentofacial Orthopaedics), Dr Abhinav Kathuria (Associate Dental Surgeon in Bhagwan Mahavir Charitable Hospital and Private Clinic), Dr Harshan D (Consultant Dental Surgeon in T P Speciality Dental	MAHE Student Research Forum and Alumni Relations, MCOADS, Mangalore, had conducted an event open to the current Intern batch of MCOADS, Mangalore. "Decoding NEET-PG 2021 (MCOADS Mangalore Panel Discussion) " The panellists consisted of Dr Hussain Lokhandwala (Batch 2012), currently pursuing MDS in Orthodontics and Dentofacial Orthopaedics from Dr R Ahmed Dental College and Hospital, Kolkata, Dr Abhinav Kathuria (Batch 2015), is presently Associate Dental Surgeon in Bhagwan Mahavir Charitable Hospital and Private	19 August 2021

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114	MCODS, Mangalore 	Dr Saranya	Clinic) and Dr Shrishty Bharadwaj (Associate Dental Surgeon in Private Clinic and Training under OMFS in Various Hospitals)  A board-certified member of the American Board of Orofacial Pain and a Diplomate of the American Board of Oro-facial Pain.	Clinic, Dr Harshan D (Batch 2015), currently consultant Dental Surgeon in T P Specialty Dental Clinic, Dr Shrishty Bharadwaj (Batch 2015), is presently Associate Dental Surgeon in Private clinic and training under OMFS in various Hospitals  The Department of Oral Medicine and Radiology in association with Alumni Relations MCOADS, Mangalore organised an alumni meet for postgraduate students of Oral Medicine and Radiology, titled "ALUMNI MEET 1.0" on 24 July 2021, followed by a scintillating talk by Dr Saranya. Dr Saranya (Batch 2011) is a board-certified member of the American Board of Oro-facial Pain and a Diplomate of the American Board of Orofacial Pain. Her talk was on Orofacial Pain: An Overview, which academically enriching and extremely helpful for future cases that encounter orofacial pain.	24 July 2021
115	MCODS, Mangalore 	Dr Rohan Bandi		The Department of Prosthodontics, MCOADS, Mangalore organized a continuing dental education program titled "The Other Side of COVID-19 and its Implication in Dentistry". This webinar program was held through Microsoft teams. The resource person was Dr Rohan Bandi-ALUMNUS – MDS batch of 2012. The speaker who has a keen interest in the topic had an enriching discussion with the participants regarding the present pandemic and its present implications in our field. The webinar was well attended with 21 participants including staff and postgraduate students and was well-received by all.	10 July 2021
116	MCODS, Mangalore 	Dr Shivi Khattri		Department of Oral Medicine and Radiology and Alumni Relations MCOADS, Mangalore organized a continuing dental education program titled "Systematic Review: An Overview". This webinar program was held through Microsoft teams. The resource person was Dr Shivi Khattri, Alumnus of MCOADS,	25 June 2021

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117	MCODS, Mangalore 	Dr Harsh Priya	Associate Professor, Division of Public Health Dentistry, Centre for Dental Education and Research, All India Institute of Medical Sciences (AIIMS), New Delhi.	Mangalore (Batch Of 2004). With five Cochrane reviews to her credit, she provided insightful information pertaining to the overall process of systematic reviews. The program was attended by 70 participants which included undergraduate and postgraduate students from MCOADS, Mangalore and MCOADS, Manipal, MCHP and MIT.  A webinar was organized to address various issues related to tobacco use. The guest speaker for the webinar was Dr Harsh Priya, who is an Alumna, MCOADS, Mangalore, a batch of 2006. She is currently employed as Associate Professor, Division of Public Health Dentistry, Centre for Dental Education and Research, All India Institute of Medical Sciences (AIIMS), New Delhi. The second resource person was Dr Hanumantharayappa, District Consultant, National Tobacco Control Program (NTCP), District Tobacco Control Cell, Mangalore.	31 May 2021
118	MCODS, Mangalore 	Dr Monika Bhuma Reddy		A webinar titled - "Tools and Tips to Conduct Systematic Review" was organized by the Department of Public Health Dentistry, MCOADS, Mangalore on 27 May 2021. A total of 198 participants participated in the program, which included postgraduate students, and faculty members from MCOADS, Mangalore and other dental institutions in India. The webinar was held on the online platform Microsoft Teams. Dr Rajesh G, Professor and Head, Department of Public Health Dentistry, MCOADS, Mangalore welcomed all the participants. Dr Ashwini Rao introduced the speaker. Dr Mithun Pai delivers the vote of thanks. Dr Ramya Shenoy moderates the session. Dr Arathi Rao, Professor, Department of Pedodontics and Preventive Dentistry, MCOADS, Mangalore, and Alumni coordinator, ARMCODS, Mangalore attended the inaugural program.	27 May 2021

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119	MCODS, Mangalore 	Dr S Gowri Sankar	Professor, Department of Orthodontics, Narayana Dental College, Nellore	The resource persons for the program were Alumna MCOADS, Mangalore Batch 2011, and Dr Monika Bhuma Reddy who discussed various tools related to conducting systematic review and meta-analysis. She also held demonstration sessions on "abstrackr", "openmeta" and "SRDR +" software.	21 May 2021
120	MCODS, Mangalore 	Dr Ashmita Deb		The Institutional Academic Reputation and Alumni Relations MCOADS, Mangalore organised a continuing dental education program titled "Connect the Dots: BDS and Beyond" to help the students understand the career prospects to pursue MBA in international institutes. This webinar program was held through Microsoft teams. The resource person was Dr Ashmita Deb, Alumnus of MCOADS, Mangalore (Batch Of 2014).	25 April 2021
121	MCODS, Mangalore 	Dr Neelesh Singh		Department of Periodontology and ARMCODS, Mangalore conducted a CDE program on "Amendments in Dental Practice for COVID-19 - Era". Resource person for the program - Dr Neelesh Singh PG Alumnus - MCOADS, Mangalore 2013 Batch.	16 April 2021
122	MCODS, Mangalore 	Dr Mohit Sharma	Classified Specialist and Associate Professor, Orthodontics and Dentofacial Orthopaedics, ADC (R and R), New Delhi.	The Department of Oral and Maxillofacial Surgery in association with Alumni Relations MCOADS Mangalore (ARMCODS) conducted a Continuing Professional Development Webinar on Orthognathic Surgery and Distraction Osteogenesis for Dentofacial Deformities on 13 February 2021 on the occasion of Oral and Maxillofacial Surgery day.	13 February 2021





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				The resource persons were Dr (Col) Vivek Saxena Senior Specialist and Head of Department, Oral and Maxillofacial Surgery, ADC (R and R), New Delhi and Dr (Lt Col) Mohit Sharma, Classified Specialist and Associate Professor, Orthodontics and Dentofacial Orthopaedics, ADC (R and R), New Delhi. The program was well attended with more than 63 participants including students, faculty and alumni.	
123	MCON, Manipal 	Dr Jenifer D'Souza	Professor and Head, Department of Community Health Nursing, Laxmi Memorial College of Nursing, Mangalore	A continuing nursing education program was organized on 4 December 2021 on the topic "Human Values in Curriculum" by Dr Jenifer D'Souza, Professor and Head, Department of Community Health Nursing, Laxmi Memorial College of Nursing, Mangalore for all faculty members.	4 December 2021
124	MCON, Manipal 	Dr Padmapriya S	HOD, OBG Nursing, Yenepoya College of Nursing, Deralakatte, Mangalore	MCON, Manipal organized Effective Alumni Engagement guest lecture series -07/2021 by Dr Padmapriya S (MPhil Batch 2008) HOD, OBG Nursing, Yenepoya College of Nursing, Deralakatte, Mangalore on the topic "Innovate, illuminate and inculcate quality care for every newborn"	19 November 2021
125	MCON, Manipal 	Dr Vishnu Renjith	Lecturer and Program Director, School of Nursing and Midwifery, Royal College of Surgeons, Dublin 2, Ireland.	The Exemplary Research and Innovation Team - Institute of Eminence (IoE) of Manipal College of Nursing (MCON), MAHE, Manipal organized three days webinar on "Qualitative Research Methods and Analysis" from 17 May 2021 to 19 May 2021 through the MS Teams platform. The second session of the day was by Dr Vishnu Renjith, Lecturer and Program Director, School of Nursing and Midwifery, Royal College of Surgeons, Dublin 2, Ireland, who spoke on "Data Collection Methods" and highlighted examples of the different data collection methods or approaches that are used in qualitative research.	19 May 2021






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126	MCON, Manipal 	Capt Philby Babu Menachery	Nursing Officer, Base Hospital Delhi Cantt, New Delhi, India	Department of Obstetrics and Gynaecological Nursing, MCON, Manipal organized an Effective Alumni Engagement Guest Lecture on "Scope of nursing in military services and challenges faced" on 17 April 2021 between 10:00 am and 11:00 am for first and second-year MSc Nursing students and first-year PBBSc nursing and fourth-year BSc Nursing students through Microsoft Teams Platform. Capt Philby Babu Menachery MSc (N) 2013-2015 Batch alumnus, currently working as Nursing Officer, Base Hospital Delhi Cantt, New Delhi, India spoke on the topic. She briefed on Military Nursing, how one can join Military Nursing Services (MNS), the role of nurses in MNS, job responsibilities at different levels for nurses as per their designation, special benefits available to the nurses, activities which are prohibited and challenges faced, and also briefed on some of the carrier opportunities available.	17 April 2021
127	MCON, Manipal 	Ms Krishnaendhu Ambady Krishnan	Senior Charge Nurse and Practice Educator for theatres at South West London, Elective Orthopaedics Centre, Epsom, Surrey.	Department of Medical Surgical Nursing, MCON, Manipal has organized an alumni guest lecture on the topic "Surgical management of arthritis" on 15 April 2021 between 11:30 am to 12:30 pm. Ms Krishnaendhu Ambady Krishnan, an alumnus of MCON, BSc Nursing (2004 -2007 batch) and MSc Nursing (2007- 2009 batch) was the resource person for the session. She is currently working as Senior Charge Nurse and Practice Educator for theatres at South West London, Elective Orthopaedics Centre, Epsom, Surrey. She spoke about various types of arthritis, etiological factors and the risk factors involved, pathophysiology, clinical manifestations and the differences between these various types of arthritis. She highlighted the management aspect of arthritis with special emphasis on surgical management of arthritis. She shared	15 April 2021



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128	MCON, Manipal 	Ms Cebi Paul and Ms Besi Paul	Assistant Professor, Founder Member of NOSC – The personal enrichment and Support Team, MOSC College of Nursing, Kerala	her experience of managing arthritis patients in her work setting. The session was deliberated using the Microsoft teams platform. A total of 115 participants including faculty members and students from second-year BSc Nursing, and first-year Pubs Nursing attended the session. This program was coordinated by Mrs Janet Prameela D’Souza, Assistant Professor, Department of Medical Surgical Nursing, MCON, MAHE, Manipal.	23 February 2021

Sl. No	Name of the Institution	Name of the Alumni	Name of the Organization	Purpose of visit	Date
129	ICAS, Manipal 	Ms Alka Panda	Pursuing MS in Stanford University,	have better interaction. A total of 97 BSc Nursing students and five faculty members attended the sessions.  One of our Alumni Ms Alka Panda(alkap@stanford.edu) of 2015-16 (Aeronautical Branch), presently pursuing her MS in Stanford University, addressed her achievements, interdisciplinary areas in aeronautics, general application requirements, finance, and application timeline for Virginia Tech under the title "Exploring Multidisciplinary Engineering" on 27 July 2021 at 11:00 am (IST) through MS Teams platform. Dr Radhakrishna S Aithal, Director-ICAS, Dr Ganesh A, Associate Director-ICAS, Dr Sadashiva Prabhu S, Alumni Coordinator-ICAS, Faculty of ICAS-Professor Nayan Khare, Dr Deepa Prabhu, Professor Arti Pawar and students of 2020-22 batch were present during the occasion.	27 July 2021
130	ICAS, Manipal 	Mr Siddharth Kaushik	Software Developer, Infotech IT Pty Ltd. Australia	One of our Alumni Mr Siddharth Kaushik (siddharth08kaushik@gmail.com) of the 2016-18 batch, presently working as Software Developer, Infotech IT Pty Ltd Australia, addressed about Australian Universities, types of courses and employment under the title "Software Engineering in Australia", on 24 July 2021, Saturday at 12:00 pm (IST) through MS Teams platform. Professor Arti Pawar, Assistant Professor-ICAS, Professor Nayan Khare, Assistant Professor-ICAS, Dr Sadashiva Prabhu S, Alumni Coordinator- ICAS, and students of second-year ICAS were present during the occasion.	24 July 2021
131	ICAS, Manipal 	Mr Namit Jain and Mr Varun Agarwal	Odyssey Career Consulting	Alumni Mr Namit Jain and Mr Varun Agarwal (namitjain98@yahoo.com, agarwal.varun.26@gmail.com) of the 2016-18 batch, briefed about foreign education and shared their experience at universities abroad. They gave comprehensive information including admission procedure, credit transfer,	13 July 2021

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				Immigration, Finance and answered queries of students under the title "Education Abroad" on 13 July 2021 at 11:00 am (IST) through the MS Teams platform. Further, they introduced their start-up firm Odyssey Career Consulting. Dr Sadashiva Prabhu S, Alumni Coordinator-ICAS, and students of the 2020-22 batch were present during the occasion.	
132	ICAS, Manipal 	Mr Vollin Mathew Mammen	Illinois University, USA.	Alumni Mr Vollin Mathew Mammen(vollinmammen@gmail.com) of 2017-19 batch, Illinois University USA addressed career prospects in universities abroad, admission procedure, prerequisites, grade point credentials, job prospects, fees and expenses and answered queries of students under the title Education and Career in the US on 26 June 2021 at 10:00 am (IST) through MS Teams platform. Dr Ganesh A, Associate Director-ICAS, Dr Sadashiva Prabhu S, Alumni coordinator-ICAS, and students of the 2020-22 batch were present during the occasion.	26 June 2021
133	MSIS, Manipal 	Abhishek K R	SoC Design Engineer - Intel Corporation, Bengaluru	As part of the Industry and Alumni lecture series, MSIS is organizing a talk from our esteemed Alumnus of 2016-batch Mr Abhishek K R, SoC Design Engineer - Intel Corporation, Bengaluru on Saturday 11 December 2021 at 11:00 am.	11 December 2021
134	MSIS, Manipal 	Mr Guruprasad Nayak	Manager-NXP Bengaluru	Guest Talk by Mr Guruprasad Nayak	04 December 2021
135	MSIS, Manipal 	Mr Shiva Prasad V	Googler, Ex-Apple, Silicon Valley	Guest Lecture by Mr Shiva Prasad V	13 November 2021

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136	MSIS, Manipal	Mr Hashir N A	Project Lead, Mobile Apps, Wipro	Guest Talk by Mr Hashir N A	13 November 2021
137	MSIS, Manipal 	Mr Satyanarayan a MVV	Director-R&D, Solutions Group, Synopsys, Bangalore	MSIS, Manipal Organized Industry/Alumni Lecture Series, Guest Lecture-2 on the topic "Current Trends in VLSI". Speaker Mr Satya Narayana M V V (Batch 1999, MS VLSI Design), Director-R&D, Solutions Group, Synopsys, Bangalore dated 25 October 2021.	25 October 2021
138	MSIS, Manipal	Piyush Itankar	Working at Google, Silicon Software	An event by the name "Using your time at Manipal, wisely" was organized by MSIS engaged by our esteemed Alumni Mr Piyush Itankar of the 2014 batch on 15 October 2021. He is currently working at Google, Silicon Software Group since 2019.	15 October 2021
139	MCHP, Manipal 	Nalanda Chakraborty	Speech Language Pathology – Clinical Fellow, Santa Clara County of Education, California	MCHP, Manipal organized an alumni session on the "Speak Out! And Loud Crowd: A Treatment approach for Parkinson's disease" talk by Dr Nalanda Chakraborty.	21 December 2021
140	MCHP, Manipal 	Dr Vinodha Vunnam	Consultant Clinical Physiotherapist, Apollo cradles, KIMS cuddles and Ankura hospitals, Hyderabad	Webinar	23 December 2021
141	MCHP, Manipal 	Dr Rina Pandya	Formerly Department Head, Physical Therapy Dept, Premier private hospital, Oman	Webinar	22 November 2021
142	MCHP, Manipal 	Mr Kiran Challagundla	Senior Physiotherapist, Indian Badminton Team and Director, Maitland's Foundation for Sports and Manual Therapy	Webinar by Mr Kiran Challagundla	20 November 2021

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143	MCHP, Manipal 	Mr Kiran Challagundla	Senior Physiotherapist, Indian Badminton Team and Director, Maitland's Foundation for Sports and Manual Therapy	Mr Kiran Challagundla Resource person for the Workshop.	18 November 2021
144	MCHP, Manipal 	Mr Ninan Cherry Jacob	Department of Radiography and Medical Imaging, Fatima College of Health Sciences, Institute of Applied Technology, UAE	Webinar by Mr Ninan Cherry Jacob	8 November 2021
145	MCHP, Manipal 	Dr Sarah Rosalin Milton	Case Manager, Ontario Health, Canada	Webinar by Dr Sarah Rosalin Milton	28 October 2021
146	MCHP, Manipal 	Ms Anjana Nagarajan	Occupational Therapist, Atrium Health, Berlin, Germany	Webinar by Ms Anjana Nagarajan	28 October 2021
147	MCHP, Manipal 	Mr Bhaskar Tiwary	District MLE Officer Bihar technical support program, CARE India.	Guest lecture by Mr Bhaskar Tiwary	26 October 2021
148	MCHP, Manipal 	Ms Pooja Mahatme	Encompass Health Rehabilitation Hospital, Florida	Webinar conducted by Ms Pooja Mahatme	22 October 2021
149	MCHP, Manipal 	Dr Shikha Saxena	Centre for surveillance and Applied Research at the public health Agency, Ottawa, Canada	Webinar: The resource person for the webinar was Dr Shikha Saxena.	09 October 2021

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150	MCHP, Manipal	Ms K Rajitha Reddy	Sunshine Hospital, Hyderabad	Webinar: The resource person for the program was Ms K Rajitha Reddy	25 November 2021
					
151	MCHP, Manipal	Ms Hyjel D'Souza		Speaker Ms Hyjel D'Souza spoke about her experience in providing healthcare in South Rajasthan through basic healthcare services at AMRIT clinic in regards to accreditation.	1 November 2021
					
152	MCHP, Manipal	Mr Ashwani Sharm	Medical Technologist Grade -I, Department of Biochemistry, Dubai hospital, Dubai	Department of MLT MCHP, conducted an alumni webinar on 13 August 2021, from 03:00 pm to 04:00 pm through the online platform MS TEAMS. Mr Ashwani Sharma, MSc MLT, Medical Technologist Grade -I, Department of Biochemistry, Dubai hospital, Dubai was the speaker for the session. The title of the talk was "Career guidance for Medical Laboratory Technologist". He was MSc MLT Alumni of batch 2012. Dr Saritha Kamath U head of the department welcomed the gathering. Mr Ashwani gave awareness to students and alumni on various examinations and the documents that have to be kept ready for data processing when applying for a job in various countries. Dr Kavitha Shettigar welcomed the speaker and hosted the event. A total of 79 participants were there for the event. A total of 11 alumni attended and the overall feedback obtained was 4.7 points.	13 August 2021
					
153	MCHP, Manipal	Mr Nachiket Gudi	Monitoring and Evaluation Officer, PATH, Bangalore	Webinar: The resource person for the program was Mr Nachiketh Gudi	25 July 2021
					
154	MCHP, Manipal	Ms Priyank Golcha	Kinetic control tutor, CMS UK	Webinar: Resource person Mr Priyank Golcha	16 July 2021

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155	MCHP, Manipal	Ms Diana M Palan	Farwaniyah hospital, Kuwait	As part of alumni activity by the Department of Optometry, MAHE conducted an alumni guest lecture "Importance of retinoscopy and job prospect in Kuwait". Ms Diana did her bachelor of optometry from Manipal from 2006 to 2010 and pursued her Masters in Optometry from Manipal from 2012 to 2014. After her Masters, she worked at Farwaniyah hospital, Kuwait from 2014 to 2019.	7 July 2021
156	MCHP, Manipal	Dr Sutanuka Bhattachariya	Byrdine F Lewis School of Nursing and Health Professions, USA	Webinar: The resource person for the program was Dr Sutanuka Bhattachariya	30 June 2021
157	MCHP, Manipal	Dr Sunil Kumar		Department of Clinical Psychology, MCHP, MAHE, Manipal organized an alumni webinar on "The Motivation Enhancement Therapy" on 28 June 2021 from 4:00 pm to 5:00 pm as a part of the alumni connect webinar series. Dr Sunil Kumar, from MPhil Clinical Psychology 1999-2001batch, was the speaker. Dr Sunil Kumar is the co-founder of Mind Zone, which is a 70 bedded psychiatric hospital for alcohol and drug de-addiction, psychiatric emergencies and other behavioural issues. Mind Zone is a speciality centre for psychology, psychiatry and social work. The webinar was attended by the current MPhil trainees, PG students and faculty members. The Head of the Department, Dr Sebastian P introduced and welcomed the speaker. Ms Edavana Santhosh Sreelakshmi, Assistant Professor and Alumni coordinator gave the vote of thanks. The webinar received very good feedback from the participants and almost everyone expressed	28 June 2021

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158	MCHP, Manipal 	Mr Sumansh Sivalanka		interest to attend similar ones in the future. Webinar: Sports injuries-Overview and Perspectives by Mr Sumansh Sivalanka, Physiotherapist with the senior national camp of the Indian badminton team under the Sports Authority of India.	24 June 2021
159	MCHP, Manipal 	Mr C P Sreedhar Reddy	Senior Respiratory Therapist at Raritan Bay Medical Center, Christ Hospital and RWJ-Barbara's Health Care, United States.	Department of Respiratory Therapy, MCHP, MAHE, conducted an Alumni Lecture on 16 June 2021 at 6:00 pm. The lecture was taken by the alumni of our department, Mr C P Sreedhar Reddy, a batch of 1998 who is working as a Senior Respiratory Therapist at Raritan Bay Medical Center, Christ Hospital and RWJ-Barbara's Health Care, United States. The topic for the lecture was "Airway Management". The welcome speech was delivered by Ms Meethel Varghese, Alumni Coordinator, Assistant Professor, Department of Respiratory Therapy. All the undergraduate and postgraduate students, interns and staff attended the program. Students and staff from the Department of Respiratory Therapy, Mangalore also took part in the lecture. There were a total number of 106 attendees. The lecture covered all the basic aspects of different airway devices and the personal experiences of the presenter in airway management. The lecture winded up with a vote of thanks proposed by Mr Binoy K Kuriakose, Assistant Professor, Department of Respiratory Therapy. After the lecture, feedback was collected from all the participants through Microsoft forms. All our participants were happy about the session, and they expressed their desire to attend more of such informative sessions by our alumni.	16 June 2021
160	MCHP, Manipal	Dr Sutanuka Bhattacharjya	Byrdine F Lewis School of Nursing	FDP	14 June 2021









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			and Health Professions, USA		
161	MCHP, Manipal 	Mr Ayush Bhardwaj	MSc Strength and Conditioning, Liverpool John Moores University, Liverpool, England, UK.	Mr Ayush Bhardwaj (BSc Exercise and Sports Science, 2016-2020) has facilitated the session on "Career Mapping into the World of Sports and Exercise Science". This webinar was planned as it may provide insights for the current third-year and final year undergraduates regarding the postgraduate and career opportunities overseas. Totally 28 undergraduates and three MSc Alumni attended the webinar. The facilitator has initiated healthy thoughts on 1. Facing the IELTS and group discussions 2. Communication and marketing strategies – improvising curriculum vita and email communication 3. A career in strength and conditioning – Certifications and internships (Liverpool sports clubs) 4. Career guidance – Visa rules and economic strategies	12 June 2021
162	MCHP, Manipal 	Ms Natasha Chahande	Consultant Audiologist and Speech Therapist at various hospitals and clinics in Pune, Maharashtra	Ms Natasha Chahande who obtained post-graduation (MASLP, 2011 year) from MCHP, MAHE, Manipal has given an alumni session on 11 June 2021. She has been currently working as a Consultant Audiologist and Speech Therapist at various hospitals and clinics in Pune, Maharashtra (Decos Software Development Pvt Ltd, Umarji Hospital, Surya Hospital, Healing Touch Hospital, Listen and Speak clinic). An alumni session was organized from 10:00 am to 11:30 am. through online meetings in teams. A total of 87 participants including alumni, students, external delegates and faculties attend her session. She shared information on "3D imaging in Earmold Technology" and was beneficial to all. Dr Sheela S, Alumni Coordinator and Dr Usha Devadas, HOD, facilitated this alumni activity and	11 June 2021






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163	MCHP, Manipal 	Ms Zaileshia G	Chief Clinical Psychologist in various renowned hospitals in Kochi, Kerala.	expressed appreciation to Ms Natasha Chahande for sharing her knowledge and experience with the alumni. Department of Clinical Psychology, MCHP, MAHE Manipal organized an alumni webinar on "The Eclectic Tunnel of Therapy in Private Practice" on 09 June 2021 from 4:00 pm to 5:30 pm as a part of the alumni connect webinar series. Ms Zaileshia G, from MPhil Clinical Psychology 2002-2004 batch was the speaker. After her MPhil from MAHE Ms Zaileshia was the chief clinical psychologist in various renowned hospitals in Kochi, Kerala. She is also a columnist for Kochi FM, Malayala Manorama Arogyam and many other leading magazines and newspapers in Malayalam. Currently, she is heading the Mithra Clinic, the talk space in Kochi. The webinar was attended by the current MPhil trainees, PG students and faculty members. The Head of the Department, Dr Sebastian P introduced and welcomed the speaker. Ms Edavana Santhosh Sreelakshmi, Assistant Professor and Alumni coordinator gave the vote of thanks. The webinar received very good feedback from the participants and almost everyone expressed interest to attend similar ones in the future.	09 June 2021
164	MCHP, Manipal 	Mr Nithin Lalu	Senior Cardiac Physiologist at Homerton University Hospital NHS Organization, Hackney, London, UK	Mr Nithin Lalu Batch of 2013 currently working as Senior Cardiac Physiologist at Homerton University Hospital NHS Organization, Hackney, London, UK delivered a keynote address on 5 June 2021, at 12:30 pm IST through MS Teams. He spoke about the opportunities for CVT graduates abroad. In the beginning, he shared his thoughts and experience during his student life at Manipal and praised the department, college and University for giving him ample opportunities. He briefly explained the 4D Echo instrumentation and principles	5 June 2021

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165	MCHP, Manipal 	Dr Ravi Ranjan Kumar	Research Associate Centre for Nuclear Medicine, Punjab University	along with the clinical utility in the current era. Over 77 participants (70 students, 7 faculties) attended this session. The session was very informative and highlighted the recent developments in the ultrasound echocardiographic field.  The Department of Nuclear Medicine, MCHP, Manipal organized an alumni webinar program through MS Team on 22 May 2021. The guest talk from our proud alumni batch 2007, Dr Ravi Ranjan Kumar Research Associate Centre for Nuclear Medicine, Punjab University, and Department of Biophysics, PGIMER Chandigarh, gave lectures on the topic titled "In-vivo Imaging of Cancer sialylation". The session commenced from 10:00 am to 11:00 am for students, research scholars, and faculty from Nuclear Medicine, including other departments and alumni, also attended. Totally 83 members joined this webinar and at the end of the webinar, the audience shared their opinion and cleared their doubts. The feedback form was circulated at the end of the program and 61 responses received an overall report is more than 4.38 points	22 May 2021
166	MCHP, Manipal 	Dr Nalanda Chakraborty	Speech Language Pathology-Clinical Fellow at Santa Clara County of Education, California	Dr Nalanda Chakraborty who obtained graduation (BASLP, 2008 year and postgraduation (MASLP-2010 year) from MCHP, MAHE, Manipal has given an alumni session on 21 May 2021. She has been currently working as a Speech Language Pathology-Clinical Fellow at Santa Clara County of Education, California. She completed her postgraduation with PhD in Speech-Language Pathology in 2018 from the University of Florida, Gainesville. Alumni session was organized from 10.00 am to 12.00 pm through online meetings in teams. A total of 94 participants including alumni, students, external delegates and faculties attend her session. She	21 May 2021

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167	MCHP, Manipal 	Ms Alphonsa Mathew	Senior Cardiac Physiologist at NETTO, Antony (SURREY and SUSSEX HEALTHCARE NHS TRUST) London, UK	shared information on "Application of The Lee Silverman Voice Technique (LSVT) in Parkinson's disease" and was beneficial to all. Ms Alphonsa Mathew from the Batch of 2011 currently working as Senior Cardiac Physiologist at NETTO, Antony (SURREY and SUSSEX HEALTHCARE NHS TRUST) London, UK delivered a guest lecture on 30 April 2021, at 10:30 am IST through MS Teams. She delivered a lecture on the role of Echocardiography in Mitral Clip Evaluation and advances in Non-invasive assessment using newer methodologies in an imaging modality. Over 100 participants attended this session. The session was very informative and highlighted the recent developments in the ultrasound echocardiographic field.	30 April 2021
168	MCHP, Manipal 	Ms Mithila Poonacha	Manager- Habilitation and AB Community-India, Advanced Bionics	Webinar – The resource person was Ms Mithila Poonacha	10 April 2021
169	MCHP, Manipal 	Dr Ashokan Arumugam	Assistant Professor, Department of Physiotherapy, College of Health Sciences, University of Sharjah, UAE	Online session with Dr Ashokan Arumugam.	27 March 2021
170	MCHP, Manipal 	Dr Anjali Sivaramakrishnan	Assistant Professor, Department of Physical Therapy, School of Health Professions at UT Health, San Antonio Texas	Webinar: Transcranial Direct Current Stimulation by Dr Anjali Sivaramakrishnan (MPT 2010), Assistant Professor, Department of Physical Therapy, School of Health Professions at UT Health, San Antonio Texas	19 March 2021
171	MCHP, Manipal 	Ms Mithila Poonacha	Manager- Habilitation and AB Community, Advanced Bionics India Pvt Ltd.	Ms Mithila Poonacha who obtained post-graduation (MASLP) from MAHE, Manipal in 2008 has given an alumni session on 13 March 2021. She has been currently working as Manager-Habilitation and AB Community, Advanced Bionics India Pvt Ltd. She completed	13 March 2021

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				her postgraduation (MASLP) from MAHE Manipal in 2008. Alumni session was organized from 10.00 am to 11.30 am through online meetings in teams. A total of 92 participants including alumni, students and faculties attend her session. She shared information on "Foundations of Auditory Habilitation" and was beneficial to all. Dr Sheela S, Alumni Coordinator and Dr Usha Devadas, HOD, facilitated this alumni activity and expressed appreciation to Ms Mithila Poonacha for sharing her knowledge and experience with the alumni.	
172	MCHP, Manipal 	Mr Soumyajit Chakraborty	Senior Manager IT at Gleneagles Global Hospitals, Bangalore	Webinar scheduled on Saturday, 6 March 2021, from 10:00 am to 11:00 am and had department alumni, Mr Soumyajit Chakraborty, Senior Manager IT at Gleneagles Global Hospitals, Bangalore, Karnataka, who has many years of experience in this area, discussing the role and opportunities of Healthcare IT industry. He highlighted the opportunities that the Healthcare IT industry can render to HIM students. An introduction and demonstration of some of the most common Software applications that healthcare IT uses to meet the organizational need, made this interaction truly engaging and beneficial.	6 March 2021
173	MCHP, Manipal 	Dr Imran Dhamani	Clinical Manager, Amplifon, Australia	Guest lecture series by Dr Imran Dhamani	27 February 2021
174	MCHP, Manipal 	Mr Rasikiran	GE Healthcare as Product Specialist	Alumni Mr Rasikiran batch 2012 addressing our BSc students, dated 15 January 2020 on "Advanced technologies in Echocardiography and online examination of 123 sonography" who is currently working in GE Healthcare as Product Specialist and few students were shortlisted by conducting a short test,	15 January 2021







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175	MIM, Manipal 	Ms Shobana Sivaraman	Senior Research Officer, IHMR Jaipur	among which one student with the high score was selected to get free access for the "123 sonography" course. Ms Shobhana Sivaraman, Senior Research Officer, IHMR Jaipur (Alumni 2014 batch), delivered a guest talk on "How to identify, Design, Execute and Disseminate a field-level research" to first-year MBA students.	13 April 2021
176	MIM, Manipal 	Ms Alisha Arahna	Marketing Specialist, Dubai	Ms Alisha Arahna, Marketing Specialist, Dubai (Alumni 2017 Batch) delivered a guest talk to first-year MBA students on "Professional Engagements of a Marketing Research and Consultancy Firm"	12 April 2021
177	MIM, Manipal 	Mr Kiran Punja	Senior Director of Human Resources, APAC Region at Aptean	Mr Kiran Punja, Senior Director of Human Resources, APAC Region at Aptean addressed the students of Manipal Institute of Management on "Compensation Administration-Framework and implementation: A practitioner's insight" on 7 April 2021. The session was attended by the students of HR specialization.	7 April 2021
178	MIM, Manipal 	Mr Sudhindra V	Capgemini, Bangalore as a digital marketing consultant.	Mr Sudhindra V addressed the students of MIM on Social Media Marketing on 27 March 2021. The session was attended by more than 100 students online. Sudhindra is currently working in Capgemini, Bangalore as a digital marketing consultant.	27 March 2021
179	MIM, Manipal 	Ms Shruthi Bhat		Ms Shruthi Bhat delivered a guest talk on "Application of statistics in information technology" to first-year MBA students in the subject of Business Statistics on 24 January 2021.	23 January 2021
180	MSLS, Manipal 	Dr Vishnu Modur	Research Scientist at Division of Experimental Hematology and Cancer Biology, Cincinnati Children's Hospital, US	MSLS organized a guest lecture on "Blowing Hot and Cold: Tolerance in Anti-tumor Immunity and Perseverance in Becoming a Life Scientist" by Dr Vishnu Modur (Batch 2005, BSc Biotech) Research Scientist at the Division of Experimental Haematology and	27 November 2021

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				Cancer Biology, Cincinnati Children's Hospital, US on 27 November 2021	
181	MSLS, Manipal 	Dr Niyati Khetarpal	Consultant at IQVIA, New Delhi	MSLS organized a guest lecture as a part of Alumni Engagements by Dr Niyati Khetarpal (Consultant at IQVIA, New Delhi) on the topic "Careers that need you" on 29 October 2021.	29 October 2021
182	MSLS, Manipal 	Mr Vivek Tandon	Manager, at Primus Partners, New Delhi.	Mr Vivek Tandon is an Alumnus of our MSLS, MAHE who studied BSc Biotech during 2006-2009 and MSc Medical Biotechnology during 2009-2011. He is currently working as a Manager, at Primus Partners, New Delhi. He delivered a talk on "Staying Positive to Make a Powerful Career": on 25 September 2021 through Microsoft teams online.	25 September 2021
183	MSLS, Manipal 	Dr Priyanka Parijat	Research Associate, Randall Division of Cell and Molecular Biophysics, King's College London.	Dr Priyanka Parijat is an Alumnus of our MSLS, MAHE who studied BSc Biotech during 2004-2007 and MSc Medical Biotechnology during 2007-2009. She is currently working as Research Associate, Randall Division of Cell and Molecular Biophysics, King's College London. She delivered a talk on "Developing high throughput drug screening strategies for cardiac diseases" on 24 July 2021 through Microsoft teams online.	24 July 2021
184	MSLS, Manipal 	Dr Venu Seenappa	Manager-Division of Molecular Genetics, Life Cell International Pvt Ltd, Chennai.	Dr Venu Seenappa is an alumnus of our MSLS, MAHE who was awarded PhD in 2017. As a part of Alumni Engagement, he delivered a talk on "Diagnosis of Single Gene Disorders - An Application of Molecular Assays" on 26 June 2021 at 3:00 pm through Microsoft teams online. He is currently working as Manager-Division of Molecular Genetics, Life Cell International Pvt Ltd, Chennai.	26 June 2021
185	MSLS, Manipal 	Dr Dhanya K. Nambiar	Instructor, Department of Radiation Oncology, Stanford University, Stanford, USA	Dr Dhanya K. Nambiar is an alumnus of our MSLS, MAHE who studied BSc Biotechnology during 2003-2006 and MSc MBT during 2006-2008. She is currently working as an Instructor at, the Department of Radiation Oncology, Stanford	22 May 2021





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186	MSLS, Manipal 	Dr Swati Suresh Dudhal		University, Stanford, USA. As a part of Alumni Engagement, she delivered a talk on "Galectin-1 Mediated Immune Evasion in Head and Neck Cancers" on 22 May 2021 at 9:30 am through Microsoft teams online.  Dr Swati Suresh Dudhal is an alumnus of our MSLS, MAHE who studied MSc Molecular Biology and Human Genetics during 2011-2013. As a part of Alumni Engagement, she delivered a talk on "Selenoprotein N as a Novel Regulator of the muscle progenitor's cell fate decision process: balancing differentiation and self-renewal" on 24 April 2021 at 3:30 pm through Microsoft Teams online. She is currently working as a Scientist and Project leader at Pitie-Salpetriere Hospital, Paris, France.	24 April 2021
187	MSLS, Manipal 	Dr Aishwarya Gurumurthy	Postdoctoral Research Fellow, Ryan Lab, Department of Pathology, University of Michigan	Dr Aishwarya Gurumurthy is an alumnus of our MSLS, MAHE who studied BSc Biotechnology during 2006-2009 and MSc Medical Biotechnology during 2009-2011. As a part of Alumni Engagement, he delivered a talk on "The Role of Enhancer RNA and Integrator in Locus Control Region (LCR) Mediated Regulation of Beta Globin Gene Expression" on 27 March 2021, 4:00 pm through Microsoft Teams online. She is currently working as a Postdoctoral Research Fellow, at Ryan Lab, Department of Pathology, University of Michigan, 4130 Rogel Cancer Center, Ann Arbor, MI 48109.	27 March 2021
188	MSLS, Manipal 	Dr Pooja Jha	Editor-in-Chief, The Lancet Regional Health Europe, Munich, Germany.	Dr Pooja Jha is an Alumnus of our MSLS, MAHE who studied MSc Molecular Biology and Human Genetics during 2005-2008. As a part of Alumni Engagement, she delivered a talk on 26 February 2021, 3:00 pm through Microsoft Teams online. Currently, she is working as Editor-in-Chief, The Lancet Regional Health Europe, Munich, Germany.	26 February 2021








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189	MSLS, Manipal 	Mr Dayupathi Eranda Nipunika Mandawala	Senior Lecturer, Faculty of Science, Horizon Campus, Malabe, Sri Lanka	Mr Dayupathi Eranda Nipunika Mandawala is an Alumnus of our MSLS, MAHE who studied BSc Biotech during 2006-2009. He is currently working as a Senior Lecturer, Faculty of Science, Horizon Campus, Malabe, Sri Lanka. He delivered a talk on "Journey after Manipal" on 30 January 2021 at 3:00 pm through Microsoft Teams online.	30 January 2021
190	MSAP, Manipal 	Ar Alex Jacob		Guest Talk by eminent Architect Ar Alex Jacob from Bangalore. Coordinated by Ar Satyaprakash Das and Ar Shriharsh Dixit. The event is targeted at students of seventh semester BArch where they need to be oriented towards the Professional front of Architectural Practice and how to manage an office.	26 October 2021
191	MSAP, Manipal 	Ar Karthikeya Acharya	Design Director, PROTO Lab, Aarhus University, Denmark.	Guest Talk by Ar Karthikeya (Batch 2003) Acharya on the topic "Design Practice as Inquiry"	15 October 2021
192	MSAP, Manipal (DOD) 	Ar Meghashree Alampally	Iraa Architects, Bangalore	Guest Talk by Ar Meghashree Alampally (Batch 2016) on "An approach to interior design services through case studies". Following building services, aspects were discussed in the lecture-based on a residential project designed in Manipal. <ul style="list-style-type: none"> <li>• Plumbing (Water supply, Distribution and Sanitation),</li> <li>• Electrical (Layout and fixtures),</li> <li>• HVAC system.</li> </ul>	29 September 2021
193	MSAP, Manipal (DOD) 	Mr Alfonso Peter Marcel and Ms Lipika Pindi Balaji	Fountane Labs, Italy	Guest Lecture on Designing an Effective Portfolio by Mr Alfonso Peter Marcel and Ms Lipika Pindi Balaji  Areas Covered in the session were layout, fonts, and content but more significantly the unique theme of each individual's portfolio.	16 September 2021







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194	MSAP, Manipal (DOD)	Krishna Sathish	Diesel Pvt Ltd, Bengaluru	Guest Lecture on Apparel Product Basics	24 April 2021
					
195	MSAP, Manipal (DOD)	Harini Theranikal	Fountane Makerspace Pvt Ltd, Hyderabad	Guest Lecture on CAD – The Future of Fashion	10 April 2021
					
196	PSPH, Manipal	Dr Pooja Tripathi	(National Consultant in Paediatric Tuberculosis at Central Tuberculosis Division, Ministry of Health and Family Welfare	Dr Pooja Tripathi (2011 Batch, MPH) conducted an online session on the topic “Gender Equity and Reproductive Autonomy”	19 November 2021
					
197	PSPH, Manipal	Dr Nilesh Yadav	Program Officer, Health and Nutrition, Tata Trust, New Delhi.	Online session on the topic “Nutritional Assessment” conducted by Dr Nilesh Yadav (2011, Batch, MPH)	25 September 2021
					
198	PSPH, Manipal	Mr Sam Thomas and Mr Mahanthesh A H	Mr Sam Thomas- Recruiting Analyst, Accenture, Bangalore. Mr Mahanthesh A H-Associate Manager, People Services, Bangalore.	Online session on the topic “Challenges of HR Professionals during Pandemic” by Mr Sam Thomas (Batch 2011, MSW) and Mr Mahanthesh A H (Batch 2011, MSW)	7 June 2021
					
199	PSPH, Manipal	Dr Apoorva Sharma	Chief Operating Officer, The Hope Hospital, Ranchi.	Online session on the topic “Experiences of Managing COVID-19 and Vaccination Drive” by Dr Apoorva Sharma (Batch 2014, MHA)	13 February 2021
					
200	PSPH, Manipal	Ms Nidhi Ponnamma		Interaction with MSW students by Ms Nidhi Ponnamma	14 January 2021

Sl. No	Name of the Institution	Name of the Alumni	Name of the Organization	Purpose of visit	Date
201	DOC, Manipal	Nandan Ravinder and Prutvin Batham	Nandan Ravinder - currently pursuing MSc in Business Analytics from the University of North Texas. Prutvin Batham - Currently Pursuing his MSc in Finance from HEC Montreal.	Alumni talk -How to do your masters Abroad? Two Alumnus-Nandan Ravinder Currently pursuing MSc in Business Analytics from the University of North Texas and Prutvin Batham Currently Pursuing his MSc in Finance from HEC Montreal, gave a guest talk to the students of the Department of Commerce, explaining all the important details and information on how one can pursue their masters abroad. This talk served as a great help to the students who wish to pursue their masters abroad.	17 November 2021
202	DOC, Manipal	Mr Aditya Kondawar	JST Investments	Virtual Guest talk	30 October 2021
203	DOC, Manipal	Mr Samartha Pai T		Alumni Talk on "Social Enterprises - the Way Forward" by Samartha Pai T. She was the resource person for the Talk.	16 April 2021
204	DOC, Manipal	Tejaswani Jaladi	Ernst and Young	Webinar	15 April 2021
205	DGIR, Manipal	Sindhu Dinesh	Research Analyst, Manohar Parrikar-Institute for Defence Studies and Analyses (MP-IDSA), New Delhi.	Ms Sindhu Dinesh, the alumna of DGIR, delivered a special lecture to the Masters students of the Department on the theme "Deconstructing the Geopolitical Identity of South Asia: A Critical Geopolitics Perspective", as part of the Department's Alumni Interaction Series. She is currently Research Analyst at, Manohar Parrikar-	25 November 2021


Sl. No	Name of the Institution	Name of the Alumni	Name of the Organization	Purpose of visit	Date
206	DGIR, Manipal 	Trivun Sharma	PhD Scholar at the Faculty of Political Science and International Studies, University of Warsaw, Poland.	Institute for Defence Studies and Analyses (MP-IDSA), New Delhi. Trivun Sharma, an alumnus of the department, delivered a special lecture on 18 November 2021 to the students of the Department on the evolution of Russia's thinking on geopolitics and geostrategy. The lecture is part of the Department's Alumni Interaction Series. Presently, he is a PhD Scholar at the Faculty of Political Science and International Studies, University of Warsaw, Poland.	18 November 2021
207	DGIR, Manipal 	Rashmi B R	PhD Candidate at the National Institute of Advanced Studies, Bengaluru.	Rashmi B R, an alumna of the department delivered two special lectures - on the Geopolitics of the Arctic, and the Arctic Council, to the students of the Department on 17 November 2021. The lecture is part of the Department's Alumni Interaction Series. She is presently a PhD Candidate at the National Institute of Advanced Studies, Bengaluru.	17 November 2021
208	DGIR, Manipal 	Dr Shaantanu Shankar	Geopolitical Risk Analyst - Africa at MAX-Security Solutions Ltd.	Dr Shaantanu Shankar, Geopolitical Risk Analyst - Africa at MAX-Security Solutions Ltd. delivered a special lecture on "Regional Organizations in Africa" to the MA students on 12 November 2021. He is an alumnus of the department from the first MA batch (2010-12).	12 November 2021
209	DGIR, Manipal 	Rhea Abraham		Dr Rhea Abraham delivered a special lecture on 29 October 2021 to the Master's students of the Department of Geopolitics and International Relations, MAHE. The lecture is part of DGIR's Alumni Interaction Series.	29 October 2021
210	DGIR, Manipal 	Vignesh Ram	Division Head, Political Risk and Intelligence Services Management (PRISM), COVINTS	Dr Vignesh Ram, Division Head, Political Risk and Intelligence Services Management (PRISM), COVINTS, delivered a guest lecture to MA students on 28 October 2021. The lecture is a part of the alumni interaction series organized by the department.	28 October 2021

Sl. No	Name of the Institution	Name of the Alumni	Name of the Organization	Purpose of visit	Date
211	DGIR, Manipal 	Vignesh Ram	Division Head, Political Risk and Intelligence Services Management (PRISM), COVINTS	Dr Vignesh Ram, Division Head, Political Risk and Intelligence Services Management (PRISM), COVINTS, delivered a guest lecture to MA students on 27 October 2021. The lecture is a part of the alumni interaction series organized by the department.	27 October 2021
212	DGIR, Manipal 	Dr P S Ramya	Assistant Professor, School of Law, Presidency University (Bangalore)	Dr P S Ramya, Assistant Professor, School of Law, Presidency University (Bangalore), and an alumna of our department (2012-2014 batch), delivered a guest lecture to our students on "Understanding Regionalism through SAARC: Successes and Failures". The lecture is a part of the alumni interaction series organized by the department.	20 October 2021
213	DGIR, Manipal 	Mr Trivun Sharma	PhD Candidate at the University of Warsaw	Mr Trivun Sharma, PhD Candidate at the University of Warsaw delivered a special lecture today to the first-year students of MA in Geopolitics and International Relations on German Geopolitik. Mr Trivun is an alumnus of the Department from the 2013-2015 MA batch. Mr Trivun gave a comprehensive overview of the origin and evolution of the German school of geopolitics, which was responsible for the emergence of the discipline of Geopolitics itself.	20 September 2021
214	DGIR, Manipal 	Dr Dheeraj P C		Dr Dheeraj P C, an alumnus, delivered a guest lecture to the first-year Master's students of the Department on the theme, "Counter-terrorism Strategy in India". This was a part of the course on Counter-Terrorism and Asymmetric Conflicts.	7 June 2021
215	DGIR, Manipal 	Dr Vignesh Ram	DGIR and Division Head, Political Risk and Intelligence Services Management (PRISM)	Vignesh Ram, PhD, an alumnus of DGIR and Division Head, Political Risk and Intelligence Services Management (PRISM), COVINTS delivered a lecture to the first-year Master's students of the Department on the theme, "Terrorism in Southeast Asia and counterterrorism Initiatives". This was a part of the course on Counter-Terrorism and Asymmetric Conflicts.	2 June 2021

Sl. No	Name of the Institution	Name of the Alumni	Name of the Organization	Purpose of visit	Date
216	DGIR, Manipal 	Dr Dheeraj P C		Dr Dheeraj P C, an alumnus of DGIR delivered a virtual guest lecture on surveillance technologies used for national security to the students of the second-year Master's program at the Department on 19 April 2021. This is a part of the course on "Defence and Intelligence in India's National Security".	19 April 2021
217	DGIR, Manipal 	Dr Vignesh Ram	DGIR and Division Head, Political Risk and Intelligence Services Management (PRISM)	Dr Vignesh Ram, an alumnus of the department; and currently Division Head, Political Risk and Intelligence Services Management (PRISM), COVINTS, gave a lecture to the second-year Master's students of the Department on the South China Sea Dispute on 8 April 2021. This is a part of the course on "India and the Great Powers of the Asia-Pacific".	8 April 2021
218	DGIR, Manipal 	Sindhu Dinesh		Sindhu Dinesh, delivered a lecture to the second-year Master's students of the Department on the geopolitical significance of the Gwadar port, on 6 April 2021. This is a part of the course on "India and the Great Powers of the Asia-Pacific".	6 April 2021
219	DGIR, Manipal 	Dr Ramya P S	First-year Master's students of the department on SAARC	Dr Ramya Panuganty, an alumna of the department, belonging to the 2012-2014 batch, delivered a special lecture to the first-year Master's students of the department on SAARC. She is presently an Assistant Professor at Presidency University, Bengaluru.	12 February 2021
220	DGIR, Manipal 	Dr Shaantanu Shankar	Geopolitical Risk and Intelligence Analyst at Max-Security Solutions Ltd., Sub-Saharan Africa	Dr Shaantanu Shankar (an alumnus of the department, belonging to the 2010-2012 batch, delivered a special lecture to the Master's students of the Department on African regionalism and the role of regional organizations in Africa. He is currently a Geopolitical Risk and Intelligence Analyst at Max-Security Solutions Ltd., Sub-Saharan Africa.	10 February 2021
221	DGIR, Manipal	Vignesh Ram	Project Head, PRISM, COVINTS, Bengaluru	Dr Vignesh Ram, an alumnus of the department, belonging to the 2010-2012 batch delivered a guest lecture to the Master's students of the department on the topic - "Southeast Asia: From History to Present".	20 January 2021

Sl. No	Name of the Institution	Name of the Alumni	Name of the Organization	Purpose of visit	Date
				Currently, he is Project Head, PRISM, COVINTS, Bengaluru.	
222	DGIR, Manipal	Rhea Abraham		Dr Rhea Abraham (an alumna of the department, belonging to the 2010-2012 batch, delivered a special lecture to the Master's students of the Department on the Gulf Cooperation Council. She is currently an independent researcher based in Bahrain. She completed her PhD from Jamia Millia Islamia in 2019.	19 January 2021
					
223	DAMP, Manipal	Ms Anupama Nair, Ms Susmitha and Mr Sumesh Nair	Ms Anupama Nair - National Chiao Tung University, Taiwan, Ms Sushmitha - University of Kaiserslautern, Germany and Mr Sumesh Nair - National Chiao Tung University, Taiwan	Interactive session with the MSc students.	20 December 2021
					
224	DAMP, Manipal	Dr Surekha B and Ms Hemashri Muguli	Dr Surekha - University of Nottingham, England and Ms Hemashri Muguli - Varroc Lighting Systems, Pune	Interactive session with the MSc students.	06 December 2021
					
225	DAMP, Manipal	Dr Shraddha Rao	Lund University, Sweden	Interactive session with the MSc students.	25 November 2021
					
226	MCH (Manipal Centre for Humanities)	Yadhukrishnan P T		Talk on How to Convert a Dissertation into a Monograph by Career Counselling Cell.	26 February 2021
					

Sl. No	Name of the Institution	Name of the Alumni	Name of the Organization	Purpose of visit	Date
227	MCH (Manipal Centre for Humanities)	Utthana Bharighat		Talk on Making a Career in Films by Career Counselling Cell.	8 January 2021



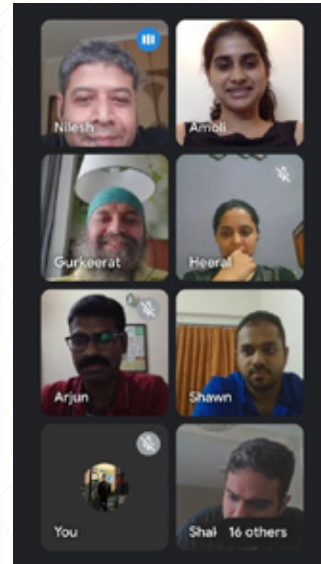
### Alumni Giving:

Sl. No	Name of the Institution	Name of the alumnus (batch)	Particulars (brief details)	Amount (in INR)
1	KMC, Manipal	Dr H Aravinda Ballal (KMC Manipal/Mangalore)	MAHE created an Endowment fund in the name of the Dr H Aravinda Ballal endowment fund.	75,58,210.00
2	DAMP	Alumni from different batches of MSc Photonics/Nanoscience and Technology	DAMP Alumni Award for the Best Outgoing Student instituted in memory of Swathi Rao K.	1,32,950.00
3	MCOPS, Manipal	Batch of 1997 as a tribute to our founder "Padmashree Dr TMA Pai"	Dr Girish Pai K, Assistant Professor-Selection Grade, Department of Pharmaceutics, obtained approval from MAHE for the establishment of first of its kind virtual museum on pharma quality "Manipal CGMP Museum". Hosted with the contribution from the entire batch of 1997 as a tribute to our founder "Padmashree Dr TMA Pai". A total of about INR 1,30,000 is being contributed by Alumni (BPharm 1997 batch) during July-August 2021.	1,30,000.00
4	KMC, Manipal	Dr M Achutha R Kudva (batch 1966 – KMC, Manipal)	Batch 1966 KMC, Manipal donated during their get-together held in Manipal and Mangalore.	1,00,005.00
5	MCODS, Mangalore	Dr Kopal Vasudev	Cash award and a Rolling trophy instituted by Mrs and Mr Pramod Kumar Yadav in the memory of their daughter – "Dr Kopal Vasudev Memorial Award for Excellence in Research".	25,000.00
6	MCOPS, Manipal	Mr Lalith Kumar Mittal, Alumnus, Department of Pharmacy Management, MCOPS	Lalith Kumar Mittal Scholarship Fund Award	16,000.00

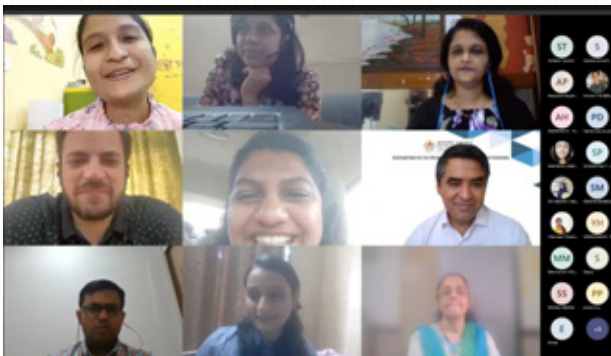




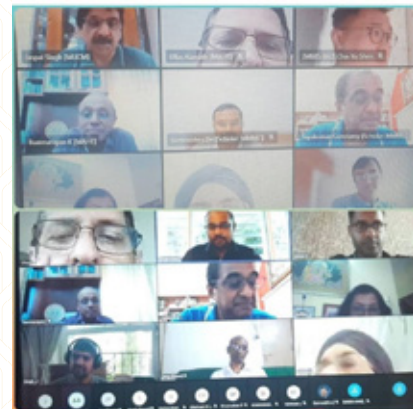
1996 BPT Batch, KMC-Mangalore Alumni Reunion.



Ortho PG Alumni Association Meet- Tete-A-Tete with PG students – KMC, Mangalore.



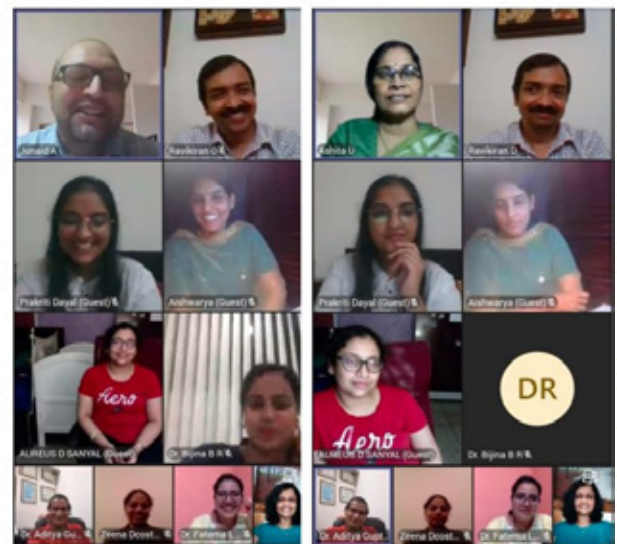
Webinar: "Pedoapp2021: BDS Possibilities and Beyond" and Virtual Pedo Alumni Meet.



Virtual Alumni Meet with Malaysia Alumni.



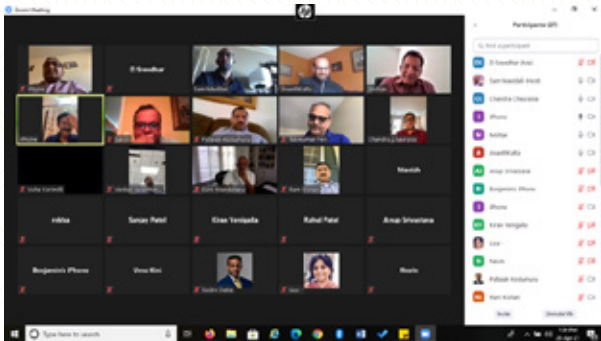
The Radiology and Imaging Department Interactive meet and Felicitation event and mini-Alumni meet.



Oral Medicine Radiology PG virtual reunion – KMC, Mangalore.



Surgical Miracle at Manipal Hospital, Bangalore by Dr Vidyadhar S.



MCOPS Alumni Reunion Online 2021.



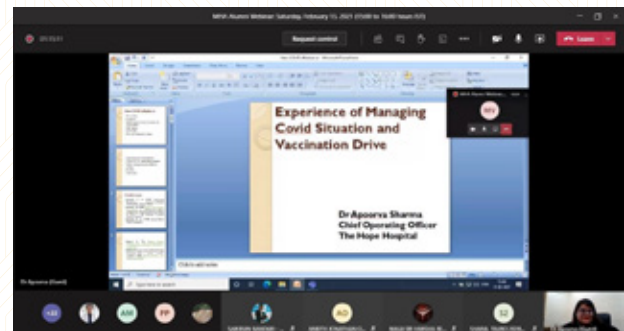
Alumni Session - MSW (January 14).



Mr Suvadhana - an alumnus of the First Batch Medical Software program of MSIS.



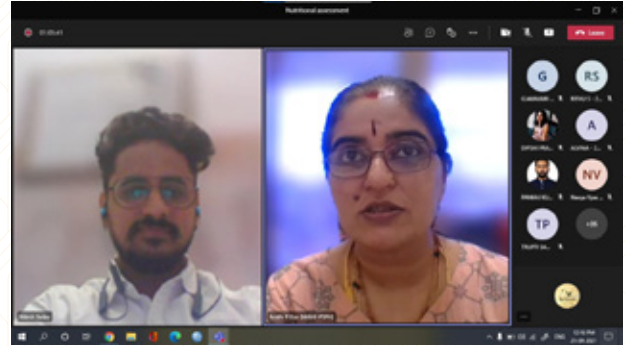
The virtual museum on pharma quality "Manipal CGMP Museum". Hosted with the contribution from the entire batch of 1997 as a tribute to our founder "Padmashree Dr TMA Pai".



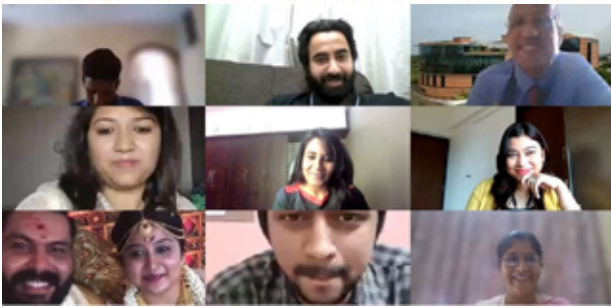
Alumni webinar on Experiences of Managing COVID-19 and Vaccination Drive.



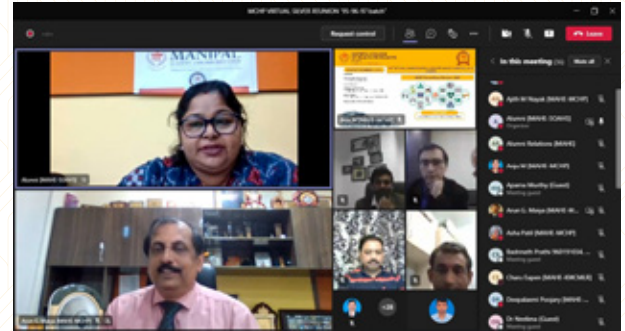
Alumni Session on Gender Equity and Reproductive Autonomy.



Alumni session on Nutritional assessment.



Department of Commerce conducted Virtual Alumni Reunion - Batch 2008-2011 on 8 May 2021.



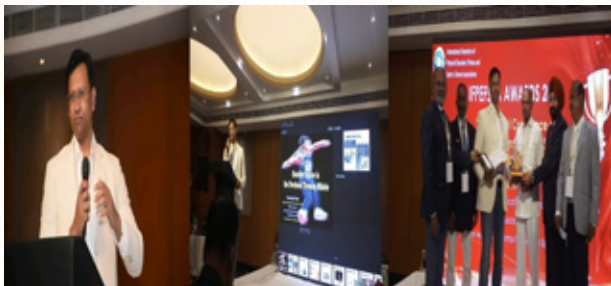
MCHP Virtual Alumni Silver Reunion 2021.



PhD in Humanities abroad: Alumni: Rohini Shukla.



Dr Arun Kumar is the current Chairman of the Board of Governors, Melaka Manipal Medical College.



Dr Ajay Singh T - received the International Federation of Physical Education Fitness and Sports Science Association 2021 award.



Dr Manusrut and Dr Asheesh Dora won the Gold Medals for Best Paper teaching and Non-teaching category.



Dr Srinivas Ramaka received an Honour from the American Association of Cardiologists of Indian Origin.



Dr Pranati Sharma has been inducted as a Fellow by the prestigious American College of Surgeons.



Dr K M Cherian Heart foundation was honoured by NOTTO



Dr Prateek Rastogi is currently working as Professor and Head, Department of Forensic Medicine and Toxicology, Kasturba Medical College, Mangalore.



Professor Bhaskar Somany has received the Golden Telescope Award from the British Association of Urological Surgeons (BAUS).



Mr Chandra Bhushan (iForest) is one of the Jury to select the awardees jointly sponsored by JSW and TOI.



Sundari Pai Luts - Senior Manager, Global Supplier Diversity at Bristol Myers Squibb (BMS) New Jersey, USA.



Mr Vinod Easwaran has been appointed as MD and CEO of Jio Payments Bank, Maharashtra.



Lt Cdr Sanjeev Raju served in the Indian Navy for seven years (2002-2009) as Engineering Officer, Naval Dockyard, Vishakhapatnam.



Mr Vivian Gomes has been recognized by White Page International as India's Best 50 Marketing and Communications Leaders 2021.



Mr Ibrahim Khaleel is a Post-Doctoral Research fellow @ NASA Glenn Research Centre, USA.



Mr Mayur Shetty founded Blackfrog Technologies Pvt Ltd and has been recognized as one of the five Top Vaccine Management Solution Startups in the world.

amazon payment services



**Peter George**  
Managing Director

Mr Peter George has been appointed as Managing Director for Amazon Payment Services.



Mr Gaurav Dhall: One of the most AI Influential Leaders in India for the Year 2021.



Ms Priyanka Roy was recognized by Engati (a free, no-code chatbot and live chat platform to build AI chatbots and engage in real-time conversations on WhatsApp) as one of the Top Women in AI.



Mutalik Srinivas has been recognized in the top scientists worldwide list in a study by Stanford University.



Dr M C Prashanth - Vice Chancellor, SRK University.



Dr Shanmukh Srinivas Rao won the prestigious Unilever Hatton Award.



Dr Saurabh Gupta graduated from Manipal University, India and holds a Master's Degree in Oral and Maxillofacial Surgery from RGUHS, Bangalore, India.



Dr Vishnu Renjith has been conferred with the Fellowship of the Faculty of Nursing and Midwifery (FFNMRCIS), Royal College of Surgeons in Ireland.



Dr Elsa Sanatombi Devi Recipient of FAIMER Fellow of the International FAIMER Institute (IFI) Philadelphia, 2021.



Dr Niha Beig received the "2021 Doctoral Excellence Award" from the office of Graduate Studies at Case Western Reserve University.



Ms Maria Jerome won third place, and was among the winners of the zonal round at Bengaluru Tech Summit 2021 - Bio Quiz.



Dr Pooja Jha- the Editor-in-Chief of The Lancet Regional Health – Europe.



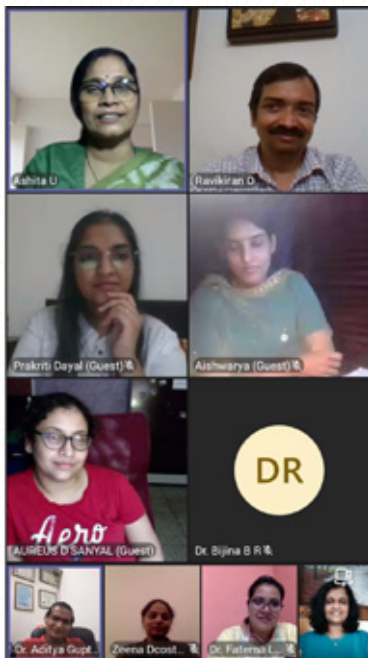
Acharya Shashidhar was recognized in the top scientists' worldwide list in a study by Stanford University.



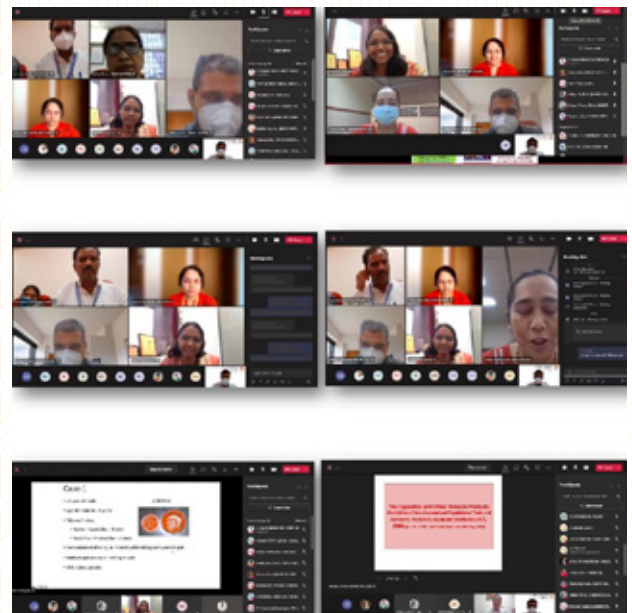
Alumni Talk on "Exploring Saliva Diagnostics".



Decoding NEET-PG 2021 - MCODES Mangalore Panel Discussion.



Alumni meet for postgraduate students of Oral Medicine and Radiology, titled "ALUMNI MEET 1.0"



A webinar was organized to address various issues related to Tobacco use.



Continuing Dental Education program title "THE OTHER SIDE OF COVID-19 AND ITS IMPLICATION IN DENTISTRY".



MCODS, Mangalore organized a CDE program titled "Connect the Dots: BDS and Beyond" to help the students.



MSIS is organizing a talk from an esteemed alumnus of the 2016-batch Mr Abhishek K R.



"Using your time at Manipal, wisely" was organized by MSIS engaged by Alumni Mr Piyush Itankar.



Pooja Jha delivered a talk on 26 February 2021.



Ar Naresh Narasimhan received the "Top Architects in India Award".



Mr Siddharth Kaushik addressed Australian Universities, types of courses and employment under the title "Software Engineering in Australia".



Mr Vollin Mathew Mammen, Illinois University USA addressed career prospects in universities abroad.



Ms Alka Panda lectured on the title "Exploring Multidisciplinary Engineering" through the MS Teams platform.





Ar Anupa Ria Kurian has won the award for Best Architecture and Interior Design (Residential Building) Southern Zone.



Mr Namit Jain and Mr Varun Agarwal briefed about foreign education and shared their experience at universities abroad.



Ar Avinash Singh has been awarded Global Architect and Builder Award 2021.



Ar Lakshmi Mohanbabu's Micro sculpture was selected by the European space agency to be placed on the Moon forever.



Ar Sumedha Sah has worked on the project- "Redevelopment of the Railway Museum, Mysore".



Dr Shrey Dhawan - Interactive session on "career guidance and practice management".



Interaction with MSW students by Ms Nidhi Ponnamma.



Dr Pooja Tripathi - conducted an online session.



Dr Gayathri Shenoy – Guest lecture on virtual mode.

## Human Resource Department

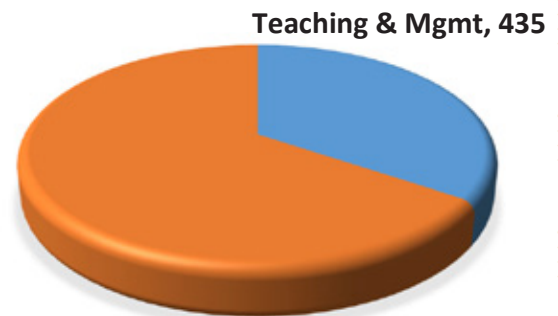
In 2021, the pandemic was not only the catalyst for rethinking where we work, but it has also stimulated a change in how we work. We were committed to creating a positive and productive environment in which our people are enabled to perform their best and are healthy, resilient, and happy at work. The strategies that guided us in our people practices were optimized workforce: Putting the right talent in the right roles at the right time, Empowered employees: Hiring, retention, strengthened accountability and growth of diverse talent, and Leaders of the future: Developing leaders who inspire, empower and role model the right behaviours and Safety: Safeguarding our people.

Every year, we provide you with a comprehensive overview, in the form of our Human Resource (HR) Report, of how we are creating the best possible environment for our people to thrive. In the HR Report, you can explore how we motivate, engage, and care for our people. It gives a clear picture of what we achieved in 2021 in building our organizational culture (diversity and inclusion), talent development, talent acquisition, compensation, and benefits.

### • Enriching our workforce

In light of the ongoing COVID-19 pandemic, the end-to-end process of sourcing, recruiting, onboarding and welcoming talent continued to be delivered virtually and physically by our recruitment teams in 2021. We are an equal opportunity employer and drive meritocracy at all stages of hiring and deployment, including role-mapping and remuneration. This in turn reflects the MAHE's commitment to the principles of equal opportunity, non-discrimination, and cultural diversity. There has also been a continued

focus on cost management and controls related to recruitment, to increase the efficiency and quality of HR processes. We have limited hiring of positions that are viewed as critical to the regulatory requirement and MAHE's success and future growth. A proficient workforce of 1,261 was infused into the organization in the year 2021.



### Non-Teaching, 826

#### • Career progression

The Performance Management System of MAHE has been designed to achieve high performance and holistic employee development through performance differentiation, transparency, and effective evaluation. It is the continuous process of improving performance by setting individual and team goals which are aligned to the strategic goals of MAHE, reviewing and assessing progress, and developing the knowledge, skills, and abilities of its workforce. Acknowledging a person's performance and development as well as their contribution, 631 employees were promoted to a higher cadre during the year.



- **Ensuring our employees' wellbeing**

At MAHE we strive for a caring work environment that protects the well-being of our employees. We aim to create a workplace where our people can be themselves and feel supported and happy so that they can perform at their best and thrive in their careers. The well-being of our staff is an integral part of our culture and we employ several preventative and reactive actions to safeguard our talent every day. During the pandemic, we were able to provide our workforce with timely support to prioritize their well-being and support those around them in doing the same. Across the campus, we offer 25 well-being programs to provide individual support to our people and their families, based on our four well-being dimensions: physically thriving, emotionally balanced, socially connected, and financially secure.



Employees benefit from healthcare as an essential element in building and sustaining a fulfilled, successful and rewarding work life, while the MAHE benefits by attracting talent, retaining qualified staff and securing prosperity and sustainable success. We are therefore committed to taking every possible measure to provide a safe and healthy working environment alongside additional programs and measures to promote our people's health and wellbeing in the workplace.

**Wellbeing in the pandemic:** As the COVID-19 pandemic continued to dominate the world, we placed increased focus on the physical well-being of our employees and their dependents. We launched a comprehensive COVID-19 vaccination and booster campaign for our employees and their family which have been offered throughout the pandemic.

**Welfare benefits:** Apart from the statutory benefits provided, MAHE provides Group Term Life Insurance (GTLI) coverage of 50 lakh INR applicable to teaching staff and 10 lakh INR to the non-teaching staff. The HR department has processed life insurance for the family members of two teaching and 11 non-teaching deceased staff in 2021. The ESI team within HR which handles the ESI benefit program has been instrumental in swiftly facilitating medical benefits, sickness benefits, maternity benefits, disablement benefits, dependent benefits and funeral expenses through the scheme. MAHE has contributed 9.4 crores INR towards the higher education of the spouses and children of its non-teaching staff as a part of its employee welfare program. MAHE has also reimbursed children's education expenses intending to support the basic education of employees' children.

- **What we do to accelerate our talent**

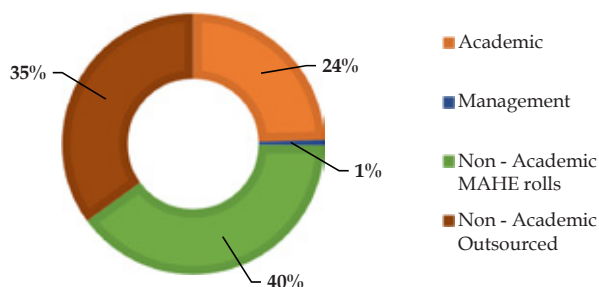
MAHE has always created a strong learning culture which has undoubtedly been the key to having an engaged workforce and achieving success reflecting in being a university with a conscience. To promote the professional development of its staff, MAHE provides financial assistance for attending/presenting papers in national/international professional/workshops and training conferences to meet the cost of research publications, filing of patents and other soft-skill programs etc. Faculty members

have attended 4,852 National/International conferences and workshops to enhance their knowledge in specialized fields in the year 2021 through various modes (i.e., virtual mode/physical mode).



Training programs on Problem Solving and Decision Making, Human Capital Management, Communication, Teamwork and Collaboration, and Office and Telephone Etiquettes were facilitated by the HR department to enhance the efficiency of the non-academic staff.

MANPOWER DISTRIBUTION



## Financial Statements

### Balance Sheet as on 31 March 2021

	INR (In Lakhs)
<b>Sources of Fund</b>	
Permanent Fund	87,885.02
Other Fund	76,481.94
Loan Fund	35,011.43
<b>Total Fund Employed</b>	<b>1,99,378.39</b>
 <b>Application of Fund</b>	
Fixed Assets and Investments	2,48,021.76
Current Assets	37,150.46
<b>Less: Current Liabilities and provision</b>	<b>85,793.83</b>
Net Current Assets	(48,643.37)
<b>Total Application of Funds</b>	<b>1,99,378.39</b>

### Income and Expenditure Account for the year ended on 31 March 2021

	INR (In Lakhs)
<b>Operating Receipts</b>	
Receipts	1,62,635.77
<b>Total Operating Receipts</b>	<b>1,62,635.77</b>
<b>Operating Expenses</b>	
Expenses	1,49,806.21
<b>Total Operating Expenses</b>	<b>1,49,806.21</b>
<b>Surplus/(Deficit)</b>	<b>12,829.56</b>

## Departments of Quality and Compliance/Internal Quality Assurance Cell (IQAC), MAHE

The Quality and Compliance Departments/ IQAC, MAHE functions to achieve the following objectives:

### 1.0 Quality initiatives:

- Implementation of Integrated Management System (IMS) in a phased manner in all the institutions of MAHE with a focus on its Mission and Vision. IMS shall comprise of implementation of relevant standards, accreditations and practising Business excellence models like Vision 2020 and also develop an integrated quality model to encompass all relevant standards.
- To take necessary steps towards sensitization, training and maintaining the auditors' pool for MAHE and its constituent units and to arrange cross audits at various constituent units and associate hospitals.
- To create an atmosphere to nurture Quality/ Environment responsiveness as a culture.

- To facilitate the sharing of best practices across institutions of excellence at national and global levels and to get a deep insight into the working of our institutions to understand our strengths and weaknesses, the Quality department from time to time, processes and compiles applications for national and international awards and accreditations by various statutory and regulatory bodies.

### 2.0 Compliance:

- To assist the constituent units to comply with requirements of Statutory/Regulatory/ Government bodies.
- To organize academic audits at constituent units.
- To assist the constituent units in starting new programs and renewal of existing programs.
- To assist the university in preparing applications for starting new units/ departments/programs.

### 3.0 Quality, Environment and Energy Management:

3.1 Status of ISO certification of MAHE and its constituent institutions and associated teaching hospitals

S.No	Name of the institute	Date when first certified for ISO 9001 QMS	Date when first certified for ISO 14001 EMS	Date when first certified for ISO 50001 EnMS	Present status
1	MAHE, Manipal	27 December 2004	23 January 2009	8 June 2017	Both ISO 9001 and 14001 were integrated as Integrated Management System (IMS), effective from 26 April 2011. Present certificate validity is till 2023.  Initial Energy Management System (EnMS) certification was only for the Manipal campus. In the year 2020, Mangalore, Udupi and Karkala sites were added, and the present certificate is valid till June 2023.

S.No	Name of the institute	Date when first certified for ISO 9001 QMS	Date when first certified for ISO 14001 EMS	Date when first certified for ISO 50001 EnMS	Present status
2	Manipal College of Nursing, Manipal	8 April 2005	23 January 2009	--	Both the systems integrated with the university as above and recertified. Present certification is valid till 2023.
3	Manipal College of Pharmaceutical Sciences, Manipal	5 June 2005	23 January 2009	--	-do-
4	Manipal Institute of Technology, Manipal	7 April 2007	23 January 2009	--	-do-
5	Manipal College of Dental Sciences, Manipal	28 August 2006	23 January 2009	--	-do-
6	Welcomgroup Graduate School of Hotel Management, Manipal	29 August 2006	23 January 2009	--	-do-
7	Manipal Institute of Communication, Manipal	4 July 2007	23 January 2009	--	-do-
8	Manipal College of Health Professions, Manipal	29 August 2006	23 January 2009	--	-do-
9	Manipal Institute of Management Manipal	7 January 2004	23 January 2009	--	-do-
10	Kasturba Hospital, Manipal.	10 June 2004	23 January 2009	--	Both the systems integrated with the university during 2012 and were recertified. Present certificate validity is till 2023.
11	Melaka Manipal Medical College (Manipal Campus)	26 June 2012	23 January 2009	--	Implemented QMS and integrated with the university in 2012 and present certificate validity is till 2023.
12	Manipal School of Information Sciences, Manipal	26 June 2012	23 January 2009	--	-do-

S.No	Name of the institute	Date when first certified for ISO 9001 QMS	Date when first certified for ISO 14001 EMS	Date when first certified for ISO 50001 EnMS	Present status
13	Manipal School of Life Science, Manipal	26 June 2012	23 January 2009	--	-do-
14	Manipal School of Architecture and Planning, Manipal	26 June 2012	15 August 2012	--	Implemented IMS during 2012 and recertified. Present certificate validity is till 2023.
15	Dr TMA Pai Hospital Udupi	26 June 2012	15 August 2012	--	-do-
16	Dr TMA Pai Rotary Hospital Karkala	26 June 2012	15 August 2012	--	-do-
17	Manipal College of Dental Sciences, Mangalore	28 August 2006	10 April 2014	--	Implemented EMS and integrated with the university in 2014. Present certificate validity is till 2023.
18	Kasturba Medical College Hospital Mangalore	10 June 2004	10 April 2014	--	-do-
19	Kasturba Medical College, Manipal	1 April 2014	23 January 2009	--	Implemented QMS and integrated it with the university in 2014. Present certificate validity is till 2023.
20	Kasturba Medical College, Mangalore	1 April 2014	10 April 2014	--	Implemented IMS during 2014 and the present certificate validity is till 2023.
21	Prasanna School of Public Health, Manipal	26 April 2020	6 May 2020	--	Implemented IMS during 2020 and the present certificate validity is till 2023
22	Manipal Institute of Virology, Manipal	26 April 2020	6 May 2020	--	Implemented IMS during 2020 and the present certificate validity is till 2023
23	Manipal Institute of Regenerative Medicine, Bengaluru	--	--	--	Under process
24	Srishti Manipal Institute of Arts, Design and Technology, Bengaluru	--	--	--	-do-



S.No	Name of the institute	Date when first certified for ISO 9001 QMS	Date when first certified for ISO 14001 EMS	Date when first certified for ISO 50001 EnMS	Present status
25	Manipal Tata Medical College, Jamshedpur	--	--	--	-do-
26	Manipal Institute of Technology, Bengaluru	--	--	--	-do-
27	T A Pai Management Institute, Manipal	--	--	--	-do-

#### 4.0 Accreditation and Ranking:

MAHE's NAAC accreditation validity expires on 10 July 2021 and in this connection, Institutional Information for Quality Assessment (IIQA) and Self-Study Report (SSR) have been submitted. Several meetings were held with top officials, Criteria Leaders, HOIs and HODs to discuss the SSR Issues. Now verification of the data is under process. Compliance with the same has already been submitted. A mock audit has also been done by Criteria Leaders and some of the officials. Several rounds of meetings were held with the Criteria Leaders, team members and HOD/HOIs related to NAAC preparation for PEER Team Visit. Now we are expecting the peer team visit.

Submitted the AICTE approval application for the programs of WGSMA, MIM, MSOIS, Design, IPM and Online Distance Education programs of MAHE, Srishti and MIT Bengaluru under the MAHE name in April 2021. Approvals were received in August for all the applied subjects.

NIRF ranking analysis meeting of two medical colleges, two dental colleges, pharmacy college, MIT and Architecture college were held. In this meeting, strategies for the improvement of rankings were discussed and finalized. University

level QS and NIRF ranking analysis meeting was also held.

NEP implementation plan at MAHE has been rolled out and introduced in all the constituent units.

Dr Sandeep Shenoy received an Indian Merchants' Chamber – Ramakrishna Bajaj National Quality Award (IMC RBNQA) application for assessment along with the Team Leadership role. He completed the assessment along with a team of examiners and submitted the final feedback report to IMC.

Dr Christopher Sudhakar, Director of Quality has assessed many healthcare organizations for NABH assessment along with Team Leadership role and universities/institutions as NAAC peer team member.

#### 5.0 Training/Workshops

**Refresher course:** Dr Sandeep Shenoy, Director Compliance attended a refresher course to qualify as an examiner for the 2021 cycle of the IMC RBNQ Award. He re-qualified as a certified Examiner for Quality Management for the IMC Ramkrishna Bajaj National Quality Award Criteria, 2021.

**Fellowship:** Dr Christopher Sudhakar, Director of Quality was awarded the Fellowship of the International Society for Quality in Health Care (ISQua) on satisfying the requirements of this award.

**Certified examiner:** Dr Christopher Sudhakar, Director of Quality, qualified as a certified Examiner for Quality Management for the IMC Ramkrishna Bajaj National Quality Award Criteria, 2021.

## 6.0 Achievements:

### 1.1 QS World University Rankings 2022

MAHE Ranked 751-800 in the prestigious QS World University Ranking 2022

### 1.2 Times Higher Education (THE) World University Rankings 2022

Ranked 1001-1200 in the prestigious Times Higher Education World University Ranking 2022

### 1.3 UI Green metric world university rankings 2021

Ranked 47th globally in the Suburban category and 137 in the overall category in the prestigious UI Green metric world university rankings 2021. In India, MAHE ranked the second position among institutions as the most Eco-sustainable campus.

### 1.4 QS University Rankings: ASIA 2022

Ranked 194 in the prestigious QS ASIA University Ranking 2022

### 1.5 THE University Impact Rankings 2021

- Overall Impact Rankings: 401-600
- SDG 3 - Good Health and Wellbeing – Rank 101-200
- SDG 4 - Quality Education – Rank 401-600
- SDG 6 – Clean Water and Sanitation – Rank 201-300

- SDG 9 -Industry, Innovation and Infrastructure - Rank 201-300
- SDG 12 -Responsible Consumption and Production – Rank 101–200
- SDG 17 - Partnership for the Goals – Rank 401–600

### 1.6 Times Higher Education Asia Rankings 2021

Ranked 351-400 in the prestigious THE ASIA University Ranking 2021

### 1.7 Times Higher Education Emerging Economies Ranking 2022

Ranked 301-350 in the prestigious Times Higher Education Emerging Economies University Ranking 2022

### 1.8 Times Higher Education Young University Rankings 2022

Ranked 351-400 in the Times Higher Education Young University Rankings 2022.

### 1.9 QS Subject Rankings 2021

- Ranked 151-200 in Pharmacy subject ranking in the world by QS Subject ranking 2021
- Ranked 351-400 in Medical subject ranking in the world by QS Subject ranking 2021
- For the first time, Ranked 501-550 in Biological Sciences subject ranking in the world by QS Subject ranking 2021

### 1.10 Times Higher Education Subject Rankings 2022

- Ranked 301-400 in THE World University Rankings 2022 by subject: Clinical and Health
- Ranked 601-800 in THE World University Rankings 2022 by subject: Computer Science

- Ranked 801+ in THE World University Rankings 2022 by subject: Life Sciences
  - Ranked 801-1000 in THE World University Rankings 2022 by subject: engineering and technology
  - Ranked 1001+ in THE World University Rankings 2022 by subject: Physical Sciences
  - For the first time Ranked 601+ in THE World University Rankings 2022 by subject: Business and Economics
2. Government of Karnataka, Bengaluru
  3. University Grants Commission, New Delhi
  4. National Medical Council, New Delhi
  5. Dental Council of India, New Delhi
  6. All India Council for Technical Education, New Delhi
  7. Council of Architecture, New Delhi
  8. Pharmacy Council of India
  9. Indian Nursing Council and Karnataka State Nursing Council
  10. Rehabilitation council of India
  11. Karnataka State Pollution Control Board

### 1.11 Other Awards and Rankings

- Ranked seven in All India University Ranking survey under UNIVERSITY category and Ranked 15 under OVERALL category conducted by National Institutional Ranking Framework (NIRF) 2021, MHRD, Government of India
- Band-Excellent under University and Deemed to be University (Private/Self-Financed) (Technical) category by Atal Ranking of Institutions on Innovation Achievements 2021
- India's Top Non-Government (Private and Deemed) Multidisciplinary Universities - The WEEK – Hansa 2021
- India's Top Private University - Education world India Private University Ranking (EWIPUR) – 2021
- Ranked no. 2 under private category by Career360 Ranking– Top Private Universities in India 2021

### Statistical Bureau

- University Annual Report was published on 25 May 2021 and University Convocation Report on 12 October 2021.
- Provided data on request to Regulatory Bodies
- State Scholarship Portal (SSP), National Scholarship Portal (NSP), Karnataka labour Scholarship, Sikkim State Scholarship Portal, and Tribal Scholarship related issues were resolved and running smoothly.

**Integrated Data Governance (IDG)** was started in September 2018 to store data in a central repository for faster data access to all analysis and ranking purposes. Currently, the IDG software is in the testing phase and has rolled out a few reports for testing with the student and faculty data. It is expected to integrate Human Resource (HR), Research Management System (RMS), and Research Staff related data.

### Compliance:

Assisting University and constituent units in complying with the requirements of the following statutory and regulatory bodies:

1. Government of India, New Delhi

## The Department of General Services, MAHE

The department of general services headed by the Director is responsible for the supervision of estates, security, and maintenance of all support services like ancillary, civil, electrical, HVAC, telecommunication, transportation fleet, plumbing, and water supply. The various branches of the department maintain approximately 92 lakh sq ft of built area and are adept at driving efficiency and managing risks and crises to ensure smooth seamless functioning of the institutions and hospitals in multi-locations. Application of state-of-the-art technology with an eye on efficiency, cost-effectiveness, and resource conservation is inbuilt into the team's DNA. This year saw an unprecedented pandemic and the department was at the forefront of delivering essential services during the nationwide lockdown by way of ensuring transportation, sanitization services, and operational planning for the continuation of campus activities. The team facilitated post lockdown reopening of the workplace as per prescribed safety protocols.

**Introduction:** Civil department focuses on the repair of buildings, replacement of concrete, plaster, masonry, wood and steel structures, painting, flooring work, roofing, and manhole repairs. Ancillary services work on housekeeping, road cleaning, solid waste and garbage management, facade cleaning, pest control, horticulture, landscaping, waste management, and composting. The electrical department maintains 33/11 kV substations and 36 nos. 11/0.433 kV substations and performs the critical function of a 24/7 power supply. 100 per cent backup power supply is ensured through DG sets. The inclusion of green energy is

one of the priority areas of focus along with fuel efficiency. Water supply and plumbing works act on plumbing complaints, supervise and monitor water supply system, operate, and maintain sewage treatment plants and greywater treatment plants. The air conditioning department has 17 central chiller plants with 8,000-standalone equipment operating on the campus. The department contributes to effective cost savings by optimizing the use of resources and efficiency improvement. HVAC systems are upgraded phase-wise to the best available energy-efficient technology. The telecommunications department enables MAHE to communicate effectively with its constituent units via intercom and cellular services. Maintenance is pro-actively planned to deliver a high standard of service including system upgradation. The transportation fleet ensures safe and secure mobility of university staff, students, and guests.

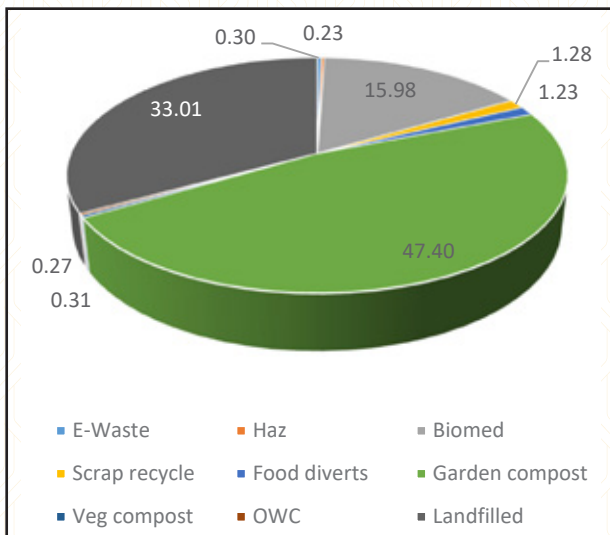
**Environment management:** Environment and Energy Management Systems are well established at the two campuses located at Manipal and Mangaluru. The Environment, Energy Policy is the guiding document that enables the university to achieve continual improvement over time. Consistent efforts are made in implementing best practices in the areas of water and waste management, air quality, green cover, energy, and resource management.

**Waste management** on campus starts with source segregation, especially at residential units, canteens, and health care facilities. Post segregation scientific management is followed for different streams like e-waste, hazardous waste, biomedical waste, metal scrap, food,

garden, vegetable, organic wastes, and inerts. This year approximately 60 per cent of waste generated in the Manipal campus was diverted from landfills thus preventing pollution to soil, air, and groundwater and reducing the health affecting the local area. Refer to Fig.1. The thermocol-melting unit installed on campus ensured zero disposal of all types of thermocol into the environment and instead produced approximately 700 kg of reusable byproduct.

**Mini Bottling Kiosk** is a new introduction on the campus where bottled drinking water is

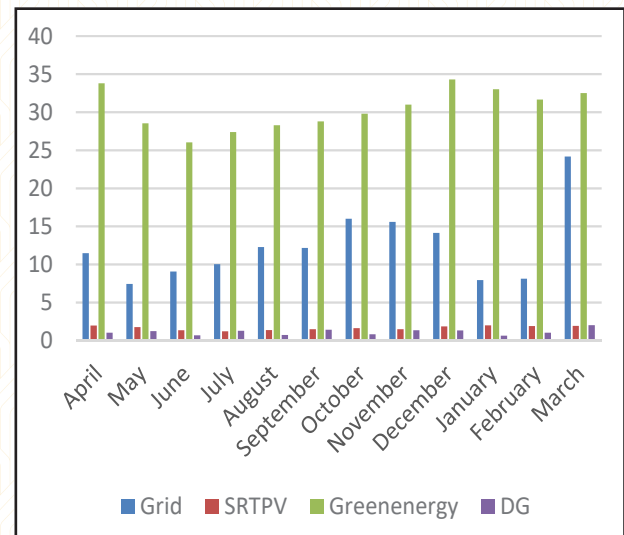
now produced and supplied in-house. The plant produces 200 ml, 500 ml, and 1000 ml of packaged drinking water in reusable glass bottles. The 200 ml bottles have now replaced the conventional PET packaged water at meetings and conferences whereas the 500- and 1000-ml units are used in the hotel. Bulk requirements of 20 litres are also produced based on demand. The above initiative has brought down the PET waste generation close to zero and is a cost-benefit to the university.



**Fig1. Scientific management of waste (%) at Manipal.**

**Wastewater** generated on campus is treated in a sewage treatment plant of capacity 6.5 million litres per day (MLD) at Manipal and 0.3 MLD at Mangaluru. Treated water up to the tertiary level is reused in gardens. Greywater plants of capacity 0.3 MLD provide flush water to hostels. Water resource conservation is a continuous process with efficiency improvement by line loss monitoring and harvesting of rainwater to help groundwater recharge.

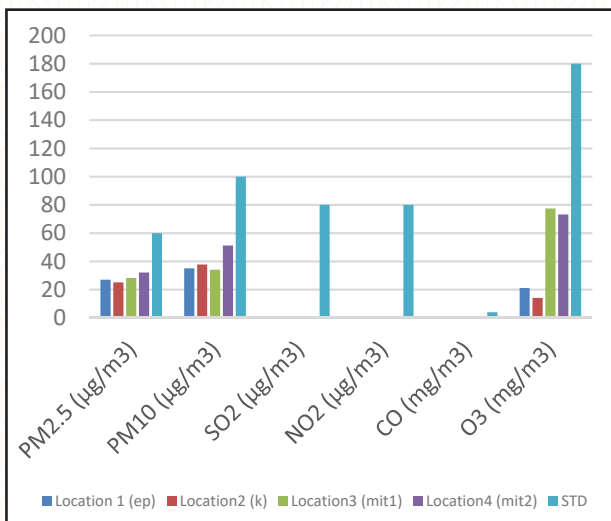
**Energy management system** was formally implemented in the year 2016 at the Manipal



**Fig2. Power mix in lakh units at MAHE campuses**

campus followed by implementation at Mangaluru in the year 2019. Key focus areas are maximum load reduction, the introduction of measures to improve the quality of power by replacement with energy-efficient transformers, pumps, detuned filters for capacitor banks, CFL/LED lighting, auto-synchronization panels for load optimization and energy-efficient power equipment as certified by Bureau of Energy Efficiency (BEE). In the HVAC systems, the replacement of dated air-conditioning units with power-efficient units was undertaken phase-wise. Central air conditioning systems incorporating

water-cooled screw chillers, and unitary air-conditioner controls with automation systems for buildings with sensors are incorporated. For efficient cooling, automatic switching on and off depending on occupancy or fixed schedule is installed to replace old systems. MAHE continues to fully rely on solar hot water systems for hot water use on campus and has phase-wise introduced heat pumps to further improve efficiency. Solar Rooftop Photovoltaic (SRTPV) installed capacity is 1463 kWp. Around 70 per cent of the electricity used on campuses is from a green source, as depicted in Fig2 above. The energy-monitoring hub (EMH) helps in centralized monitoring of all sub-stations on

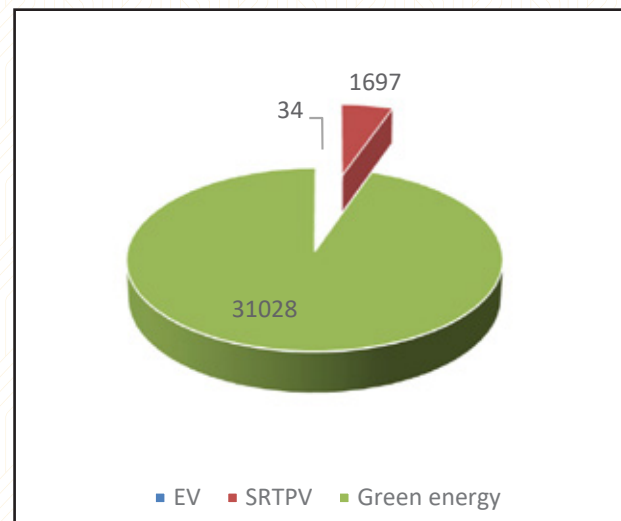


**Fig 3. AAQ Vs CPCB Standards at 4 locations**

The pleasant ambience of the campus is maintained and developed through a plantation of saplings during various occasions, one of them being the world environment day on 5 June as well as on a continuous basis. MAHE recognizes that vehicular emissions significantly affect the air and hence utilizes four fully electric vehicles (EVs) for airport transfer of students, staff, and guests. This year 70 per cent of the airport trips were catered to by EVs, two security patrol vehicles are now EVs, and this has helped to offset 100 per cent carbon emissions that would

campus as well as the air conditioning plants on campus. Real-time data availability helps in efficient monitoring and troubleshooting during breakdown incidents. This platform can be further enhanced to integrate remote controls from the EMH.

**Ambient air quality (AAQ)** is recognized as an important environmental indicator for human health. Six AAQ parameters measured show significantly lower concentrations compared to Central Pollution Control Board (CPCB) standards (STD) for residential zones (Fig3 below) and are much lower than those specified for ecologically sensitive zones which are more stringent.



**Fig 4. CDE Emission reductions in MT.**

have otherwise occurred due to conventional patrol vehicles. In addition, one electric three-wheeler load carrier has offset carbon emissions up to one metric ton.

**Carbon emission reduction:** Strategies adopted like the use of exam pads, an electronic device for examinations replacing conventional answer scripts, have saved 113 trees from being felled. Green energy use on campuses accounts for 70 per cent of total consumption thus reducing 31,028 MT of CDE emissions and self-

generated solar power prevented 1,697 MT of CDE emissions into the atmosphere. Total CDE emission reductions including electric vehicles (EV) are projected in Fig4 above. This year the UI Green Metric Ranking Agency ranked MAHE as the greenest suburban campus in India, 137th in the overall category and 47th in the suburban category.



## Office of International Affairs and Collaborations

The Office of International Affairs and Collaborations (OIAC) was established in 2013 to provide a comprehensive service across the university in the international arena. It is headed by the Director of International Collaborations. It has a team of dedicated staff and is supported by the advisory council, a group of faculty and administrators representing each of the University's 22 colleges plus other key academic units.

The office provides a comprehensive and unified framework within which all work in the international arena can be achieved seamlessly. Primarily responsible for providing direction, assistance and synchronizing all the University's international work, this office liaises with overseas institutions and governments. While providing this leadership role, the office recognizes the importance of individual initiatives, needs and innovativeness of faculty and students across the university. The key focus of the office is to provide a centralized location for the faculty staff and students and afford the needed assistance for all their international work. Individual decentralized colleges and schools continue to coordinate their work through this centralised location at the institution level.

The office will also help align international opportunities within each college's curriculum enabling student mobility across institutions, enrol transnational students for both short and long term, and facilitate institutional grants and contracts to pursue value-creating projects for the university in general.

### Faculty Resource Centre

It will help promote the involvement of Manipal's faculty members, staff and students in international research and development projects, facilitate access to international funding opportunities and in general enrich MAHE's engagement with global cultures by sharing our physical and intellectual resources with other societies across the world. In its effort to bolster awareness of globalization across campus, this office has been active in facilitating faculty exchanges with overseas partners. These visits, primarily short term, are designed to increase the cultural awareness, discerning of the differences in the competencies between institutions and adopt better practices across the board.

While the office facilitates the external movement of faculty overseas, one of the primary goals as a part of our vision 2020 is to encourage foreign faculty to visit our campus for varying lengths of time for research and teaching. This activity also

serves as a mentorship method for our young and aspiring faculty members seeking to be on the cutting edge of research as well as to adapt better teaching practices.

### Resource Centre for International Education

OIAC will be the university's comprehensive resource for abroad opportunities such as studies, research, internship, and other educational experiences worldwide. The pivotal goal is to help students and faculty stretch across borders, perhaps farther than they thought possible. By promoting intercultural competence, meticulous erudition, and acquisition of foreign languages,

OIAC should provide opportunities for academically sound international experiences. It will also administer student exchange programs with partner institutions around the globe, in conjunction with other bodies on campus.

Since its establishment, this office has been providing critical services to the student body in facilitating exchange programs with partner institutions around the globe. The time spent by these individuals ranges from a week to more than a semester—both inbound and outbound. The chart below reflects the international exchanges for 2021.

International Mobility Data from Institutions/Departments																
Jan - Dec 2021	Inbound Student Exchange (less than three months)				Inbound Student Exchange (more than three months)				Outbound Student Exchange (less than three months)				Outbound Student Exchange (more than three months)			
	UG		PG		UG		PG		UG		PG		UG		PG	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
<b>Faculty of Health Sciences</b>																
KMC, Manipal	6	12	-	-	-	-	9	2	3	27	-	-	-	-	-	-
MCODS, Manipal	4	15	-	-	-	-	-	-	1	3	-	-	-	-	-	-
MCHP	-	-	-	-	-	-	-	-	-	-	-	-	10	4	-	-
MSLS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	14
PSPH	-	-	53	163	-	-	-	-	-	-	-	-	-	-	-	4
MIRM Bangalore	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total</b>	<b>10</b>	<b>27</b>	<b>54</b>	<b>163</b>	<b>-</b>	<b>-</b>	<b>9</b>	<b>2</b>	<b>4</b>	<b>30</b>	<b>-</b>	<b>-</b>	<b>10</b>	<b>4</b>	<b>2</b>	<b>18</b>
MIT	-	-	-	-	-	-	-	-	8	2	-	-	6	7	-	-
MSIS	-	-	-	-	-	-	-	-	-	-	-	-	7	2	-	-
ICAS	-	-	-	-	-	-	-	-	-	-	-	-	73	14	-	-
MSAP	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
<b>Total</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>8</b>	<b>2</b>	<b>-</b>	<b>-</b>	<b>86</b>	<b>23</b>	<b>-</b>	<b>1</b>
MIM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13	16
<b>Total</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>13</b>	<b>16</b>



Manipal Centre for European Studies	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
<b>Total</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<b>2</b>
IAESTE	7	3	1	1	2	2	-	-	15	12	-	-	9	3	-	-	
AISEC	2	1	1	4	-	-	-	-	-	-	-	-	-	-	-	-	
<b>Total</b>	<b>9</b>	<b>4</b>	<b>2</b>	<b>5</b>	<b>2</b>	<b>2</b>	<b>-</b>	<b>-</b>	<b>15</b>	<b>12</b>	<b>-</b>	<b>-</b>	<b>9</b>	<b>3</b>	<b>-</b>	<b>-</b>	
<b>Grand Total</b>	<b>19</b>	<b>31</b>	<b>56</b>	<b>168</b>	<b>2</b>	<b>2</b>	<b>9</b>	<b>2</b>	<b>27</b>	<b>44</b>	<b>-</b>	<b>-</b>	<b>105</b>	<b>30</b>	<b>15</b>	<b>37</b>	

### Summer program mobility 2021

Institution	Summer school program	Home University	Country	UG/PG	Total
KMC, Manipal	Virtual Immersion program	Kings College London	UK	UG	18
MCOODS, Manipal	Virtual Immersion Program	Boston University Henry M Goldman School of Dental Medicine	USA	UG	7
		Maastricht University	Netherlands	PG	89
		McMaster University	Canada	PG	102
PSPH	Global Health Symposium	Ahfad University for Women	Sudan	PG	3
		Thammasat University	Thailand	PG	9
		Universidad del Rosario	Colombia	PG	4
<b>Total</b>					<b>232</b>

### Provision of Ancillary Student Services

OIAC ensures the university's compliance with the myriad of evolving regulations both statutory and otherwise, in conjunction with the office of quality and compliance, supports the university by managing global student and scholar interactions and facilitates in general, the well-being of all international students, faculty, and staff. Some of the regulatory and compliance issues which our office has now centralized are:

- Acting as a central office for receipt and disbursement of all potential applications for student exchanges
- Generating invitation letters for visa purposes and interaction with consulates
- Arranging accommodation and logistics on arrival/ departure

- Having Foreign Registration Registrar's Office (FRRO) compliance with respect to both entry and exit as well as fulfilling the requirements of the following statutory forms of the department of immigration.
- Form C
- Form S
- Actively reviewing financial matters in consultation with the Finance/HR department with respect to grants, fees etc.
- Facilitating international guest schedules and meetings during their visit to campus.

### Memorandum of Agreements

Given the status of the Institute of Eminence bestowed on MAHE, it has provided new-fangled opportunities for the university to touch base with the top 500 universities. MAHE is

already working on these lines and has initiated a strategic partnership with the University of Birmingham, The University of Sheffield, Trinity College Dublin, Medical University of Graz, Tampere University, City, University of London, University of Manitoba, University of South Florida to promote articulation pathway, dual degree programs, twinning program and student mobility.

MAHE as of date has collaborated with 16 universities listed in the Top 50 QS ranking

- University of Oxford
- The University of Chicago
- University of Edinburgh
- University of Michigan
- University of Toronto
- McGill University
- Australian National University - ANU
- The University of Manchester
- King’s College London
- University of Melbourne
- The University of Sydney
- The University of Hong Kong
- University of New South Wales - UNSW
- The University of British Columbia (UBC)
- The University of Queensland
- Monash University

The following table illustrates the consecutive four-year data of the MoUs signed.

	2018	2019	2020	2021	Total active agreements as of the date
MoU signed	87	104	47	74	350

### International Student Associations for student exchange

**IAESTE:** International Association for the Exchange of Students for Technical Experience (IAESTE) is the flagship student exchange

program of the Manipal Academy of Higher Education (MAHE). IAESTE India and its local chapter (LC) IAESTE Manipal is a student-driven organization supported by the constituent units of MAHE. As an organization of the students, by the students and for the students, it has over 2,000 members. Through this platform, a plethora of opportunities is offered to the students to enhance their careers by pursuing technical internships abroad. For details, contact [chairperson@iaeste.in](mailto:chairperson@iaeste.in).

**AIESEC:** International Association of Students in Economics and Business (AIESEC), on the other hand, is a global volunteer organization for inbound and outbound exchange students, that primarily handles projects of social importance, and which have a deep impact on society at large. For details, visit <https://opportunities.aiesec.org/>.

**IPSF:** MCOPS is the only association among pharmacy institutes in India to have the membership status of International Pharmaceutical Students’ Federation (IPSF), Netherlands. The Manipal Association of Pharmacy Students (MAPS), a student body of MCOPS Manipal, runs this association and facilitates the student exchanges. IPSF is among the world’s oldest international student organizations for pharmacy students and pharmacists and represents more than 3,20,000 students and recent graduates from 80 countries. This leap comes as a boost to promote internationalization on campus and will be a milestone for MCOPS to initiate student exchanges and internships.

### New Initiatives

#### 100 in 100 days campaign

Manipal Academy of Higher Education (MAHE) had the rare distinction of being a co-host to

the historic event welcoming the Biden-Harris administration. The US Mission to India is using these first 100 days of the Biden administration to engage robustly with youth across India through meaningful conversations about the future of the US-India relationship. The honourable Vice Chancellor of MAHE, Lt Gen (Dr) M D Venkatesh, flagged off the 100 in 100 campaigns in a high-profile virtual event on 11 March 2021 which was attended by the students and teaching staff of Manipal Institute of Technology, Manipal Institute of Communication and the Department of Geopolitics and International Relations.

Ms Cori Bickel, Press Officer, US Consulate General in Chennai, held a presentation on Indo-US relations. Ms Anita Bose Natarajan, the Adviser at Education USA Bangalore elaborated on opportunities in the US for prospective doctoral students. Dr Raghu Radhakrishnan, Director, International Collaborations, concluded the meeting by expressing his gratitude to the US Consulate General in Chennai, and Education USA Bangalore at Yashna Trust. He also lauded the efforts of the US Mission to India for engaging students in the event.

#### **NAWA Desk launched at MAHE on Polish Science Day**

The Polish Science Day is celebrated on Nicolaus Copernicus' birthday. It is the day to follow and celebrate the achievements of Polish researchers and strengthen their interest in the field of science. On 19 February 2021, the Office of International Affairs and Collaborations (OIAC) and the Department of Languages organised the Polish Science Day celebration and announced the inauguration of the National Agency of Academic Exchange (NAWA) office at MAHE.

#### **Forging New Connections with the University of New Brunswick Spirit of Forging New**

#### **Connections with the University of New Brun**

Owing to the pandemic, the student exchange collaboration between MAHE and the University of

New Brunswick (UNB), Canada has blossomed into a virtual exchange. 14 undergraduate students from the Department of Exercise and Sports Science opted to take courses offered by UNB during their final semester. The students were given the option to choose from five different courses offered during the winter semester at UNB, which were an amalgamation of pre-recorded lectures and live sessions along with periodic assignments and quizzes for engagement. The completion of the course awarded the students extra credit, a good learning experience and enriching interaction with international faculty. We look forward to an onsite exchange of students that could further enhance their practical and cultural experience during the term.

#### **MAHE - Kings Virtual knowledge exchange program**

King's College London, UK and Kasturba Medical College (KMC), Manipal co-designed and delivered a four-week virtual global health elective course to aid student mobility and knowledge exchange, which is the first of its kind to be delivered in India. The joint virtual electives focused on global health with weekly themes, including the impact of COVID-19, infectious diseases, non-communicable diseases, and maternal healthcare. The elective was conducted jointly under the guidance of Professor Ann Wylie, Lecturer in Medical Education and Deputy Director of King's Undergraduate Medical Education in the Community, and Dr Sindhura Lakshmi, Associate Professor of Pathology at KMC, Manipal.

The global health elective was supported by the Association of Commonwealth (ACU) Medical Student Virtual Mobility Project Grants, which aim to enable cross-border collaboration without the need for physical travel, thus supporting student mobility, knowledge exchange, and innovation.

### Digital Dentistry - A New Mode of Education

A virtual student exchange program hosted by Boston University Goldman School of Dental Medicine (GSDM), USA was held from 19 January to 6 March 2021 with participating schools including the Faculty of Dentistry, Chulalongkorn University, Manipal College of Dental Sciences, Manipal, University of Manchester, Division of Dentistry and Tokyo Medical and Dental University. This virtual program was an effort toward providing a perfect replacement for the onsite activity under the current scenario.

### MCODS and QMUL join hands to make learning more innovative and fun for students

A Memorandum of Agreement (MOA) was signed between Manipal College of Dental Sciences, Manipal (MCOCS, Manipal) and Queen Mary University London (QMUL), in December 2021. This MOA sets out a framework whereby suitably qualified students who have completed their five-year undergraduate degree at MCOCS, Manipal, may apply to QMUL to study a master's degree subject that guarantees satisfactory performance and suitability of the program of study at MCOCS, Manipal. QMUL will arrange a simplified application process for students of MCOCS, Manipal and selected students who are eligible for the 10 per cent partner-student discount on standard QMUL tuition fees.



100 in 100 campaign organized in collaboration with US Consulate General, Chennai



Campus Ambassadors Induction Ceremony



Delegation from the University of New Brunswick, Canada



MAHE signs MoU with Monash University

## Memorandum of Understanding (MoU)

Partner University/Institution	Country	MoU/MoA Details
Aarhus University	Denmark	General agreement
Adam Mickiewicz University	Poland	General agreement
Al Salam Hospital Co	Kuwait	Training Program agreement
AMOpportunities	USA	Student mobility agreement
Bezalel Academy of Art and Design	Jerusalem	Student and Staff Exchange Agreement
Binghamton University	USA	General agreement
Charles University	Czechia	General agreement
Chiang Mai University	Thailand	Research agreement
Culinary Arts Academy Switzerland	Switzerland	Semester Abroad agreement
Dalhousie University	Canada	General agreement
Dedalus (DH Healthcare Software Services India Pvt Limited)	UK	General agreement/Training agreement
Ecole Europeenne Superieure De L'Image	France	Students and staff exchange agreement
Ecole Superieure De Design De Troyes, Y School	France	Agreement for Exchange of Students and Staff
ECV-Creative Schools and Community	France	Student exchange agreement
Esko-Graphics Pte Ltd	Singapore	Research agreement
FPT University	Vietnam	General agreement

Partner University/Institution	Country	MoU/MoA Details
Griffith University	Australia	Student exchange agreement
Gulf Medical University (GMU)	UAE	General agreement
HKU University of the Arts Utrecht	Netherlands	Student exchange agreement
Hochschule Mannheim-University of Applied Sciences	Germany	Student exchange agreement
InBios International Inc	USA	Research Collaborations
International Neuropalliative Care Society	USA	General agreement
Isra University	Jordan	General agreement
Kyushu Institute of Technology	Japan	General agreement
L'Ecole De Design Nantes Atlantique	France	Student exchange agreement
Luminex Corporation	USA	Research agreement
Massachusetts College of Art and Design	USA	Student exchange agreement
Merck Foundation	Germany	Student mobility agreement (Incoming)
Monash University	Australia	General agreement
Network "n+l" engineering institutes	France	General agreement
Orleans School of Art and Design	France	Student exchange agreement
Piedmont University	USA	General agreement
Politecnico Di Milano	Italy	Student and staff exchange agreement
Queen's University Belfast	UK	General agreement
Swiss Hotel Management School	Switzerland	Semester Abroad agreement
The Sustainable Design School	France	Student exchange agreement
The University of British Columbia	Canada	General agreement
The University of Sydney	Australia	General agreement
University College of Northern Denmark	Denmark	Student /Staff exchange agreement
University of Applied Arts Vienna	Austria	Student and staff exchange agreement
University of Grenoble Alpes	France	General agreement
University of Iowa	USA	General agreement
University of Ljubljana	Slovenia	Student and staff exchange agreement
University of Malaya	Malaysia	General agreement
University of Maryland	USA	General agreement
University of Nizwa	Oman	General agreement
University of South Carolina School of Medicine at the Biotherapeutics Laboratory	USA	General agreement
University of Tartu	Estonia	IIA - Inter Institutional agreement- Student and Staff mobility
University of the Aegean	Greece	IIA - Inter Institutional agreement- Student and Staff mobility
University of Waikato	New Zealand	General agreement
University of Warsaw	Poland	General agreement
University of Western Australia	Australia	General agreement
University of Wisconsin–Milwaukee	USA	General agreement
University Putra Malaysia	Malaysia	General agreement
Vienna Drosophila Resource Center	Austria	Research agreement

## Cultural Coordination Committee

**Chairperson:** Dr Shobha U Kamath, Additional Professor, Department of Biochemistry, Kasturba Medical College, Manipal, MAHE.

**Secretary:** Dr Sambit Dash, Assistant Professor (Senior Scale), Department of Biochemistry, Melaka Manipal Medical College, Manipal Campus, MAHE.

The Cultural Coordination Committee (CCC) of the Manipal Academy of Higher Education (MAHE) conducts various cultural and literary activities, throughout the academic year. CCC works in association with all constituent institutions of MAHE and caters to a wider audience, encompassing our students, faculty members, and the art-loving audience from nearby areas of Manipal.

MAHE formed the CCC with the following objectives:

- a) To promote cultural and human values among university youth by providing them with exposure to various art forms and also an opportunity for a healthy interaction.
- b) Organisation and management and hosting intra/intercollege/university/zonal/national level cultural events organised by various other cultural organisations such as the Association of Indian Universities, various student organisations etc. and coordinating the relative work.

- c) Organisation of MAHE's annual intercollegiate cultural competition, "UTSAV". The plan is to have a central stage surrounded by regional stalls that portray different cultures in their own exquisite styles. The stage will provide performances by students, staff and the children or other family members of staff.

The international university town, Manipal, has students flocking in from various states of India and countries abroad. This has made Manipal a centre of cultural diversity. CCC is conducting wide-ranging events that cater to inculcating and sustaining an environment rich in various art forms, traditional to contemporary, and pop to cultural.

The spell of the pandemic continued over the activities of CCC in the year 2021 too. While CCC looked for opportunities to conduct face-to-face events, it was only possible on one count. However, that did not deter us from conducting events online. In that regard, we extended our "Gunjan" events to students who got a platform to perform and display their skills. Nearly a dozen events in total. The hallmark of student events that the CCC conducted in 2021 harped on the "lecdem" or lecture-demonstration pattern of a concert that provided students with a unique opportunity to talk about their learning journey and explain the nuances of their craft.

## 1. Cultural folk music – Aastha Prasad (27 August 2021)

MANIPAL  
ACADEMY OF ENGINEERING EDUCATION  
Cultural Coordination Committee  
Presents  
**Gunjan**  
An Alumni/Student series  
A CCC initiative to bring various art forms by our students and alumni

Aastha Prasad is a 3rd year student of Manipal School of Architecture and Planning, pursuing architecture. She has had a knack for music from a very young age and had started learning music professionally from the age of 3. She participated in Indian Idol 2014.

Date and time: August 27th, Friday, 6:30 PM IST  
Web Platform: MS Teams  
Meeting Link: <https://tinyurl.com/ewfpuhne>

Dr. Shobha U. Kamath  
Chairperson  
CCC, MAHE

Dr. Sembit Dash  
Secretary  
CCC, MAHE

Dr. Bhavana Bhat  
Organizing committee  
MCOPS

Dr. Surya Harikrishnan  
Organizing committee  
Dept. of Atomic and Molecular Physics

For queries: [ccc@manipal.edu](mailto:ccc@manipal.edu)

Aastha Prasad, a third-year student in Manipal School of Architecture and Planning (MSAP), pursuing architecture performed for CCC. She had a knack for music from a very young age and started learning music professionally at the age of three. She completed her graduation in Hindustani classical music, a senior diploma in Piano, fine arts and a junior diploma in Kathak. Along with classical music, she has learnt folk music too. She has performed in various events and programs including Indian Idol 2014. She aims to promote the cultural folk music of India and conserve it.

## 2. Western Dance by Andrea Crasta (3 September 2021)

MANIPAL  
ACADEMY OF ENGINEERING EDUCATION  
Cultural Coordination Committee  
Presents  
**Gunjan**  
An alumni/Student series  
A CCC initiative to bring various art forms by our students and alumni

Andrea Crasta is a 1st-year B.Pharm student of Manipal College of Pharmaceutical Sciences. She has always had a knack for dancing since childhood. She believes that dance is a form of expressing what the heart wants to convey. She has won 3rd place in Kalakriti, a western solo dance competition in Manipal College Of Pharmaceutical Sciences. She's a western dancer and excels in hip hop.

Date: September 3rd, Friday  
Time: 6:30 PM IST  
Web Platform: MS Teams  
Meeting Link: <https://bit.ly/3R83wvur>

Dr. Shobha U. Kamath  
Chairperson  
CCC, MAHE

Dr. Sembit Dash  
Secretary  
CCC, MAHE

Dr. Bhavana Bhat  
Organizing Committee  
MCOPS

Ms. Surya Harikrishnan  
Organizing Committee  
Dept. of Atomic and Molecular Physics

Andrea Crasta is a first-year student at Manipal College of Pharmaceutical Sciences (MCOPS), pursuing BPharm. She had a knack for dancing since childhood. She is a self-taught dancer and excels in hip-hop. She has been a part of the college dance crew and represented at the "Pre Unique" intercollege competition at St Aloysius College. She has also won third place in *Kalakriti* competitions at MCOPS.



3. Bharatanatyam Dance by Dhanyashree Prabhu (17 September 2021)



Dhanyashree Prabhu, an alumnus of MCOPS is a talented Bharatanatyam dancer who discovered her passion for the world of Bharatanatyam at the age of five. She was awarded Raghavendra Sadbhavana Award in the Classical Dance category. Dhanyashree has also started her own Bharatanatyam Academy “Kalasparsha” and has been training students.

4. Carnatic classical music by Jhanavi Shenoy B (24 September 2021)



Jhanavi is a third-year BPharm student at MCOPS. She always had an inclination toward music and started learning instrument veena at an age of 12. She has even learnt Carnatic classical vocal music under the guidance of Vidwan Yashoda Rao and Smt Jayanti Bhat. Jhanavi has completed her junior and senior examinations in Veena and secured second place in the junior examination at the district level conducted by \*KSEEB\*, Karnataka Board in 2015. Apart from competitions, she has also gained

experience from several performances like solo programs at Hubli, Shringeri, and Ballary and virtual concerts such as International Veena Mahotsavam conducted by Narada Gana Sabha Trust and Kalakendra, Chennai.

5. Guitar performance by Elroy Princeton Karkada (1 October 2021)



Elroy is a third-year PharmD student at MCOPS. He started learning guitar when he was just 12 years old and it has been a part of his life ever since. He has competed in various competitions and bagged the first prize at MCOPS. He has performed in various programs like for cultural events at college, at church during spiritual song hours, festivals and various inter-church competitions. He has also been part of many concerts few of them being held in Udupi and Mangalore.

6. Carnatic vocal concert by Vineeth P (8 October 2021)



Vineeth started his music training at the age of five under Smt Prasanna Mohan and Sri T P Somashekharan. Currently, he is undergoing rigorous training in Carnatic vocal under the tutelage of Sangeethapoomnashree Kanhangad T P Sreenivasan and Sri Prasanth Parassini. He is also trained in mridangam as well under the guidance of Sri Bellikoth P Rajeevgopal. He has bagged many prizes in both Carnatic vocal and percussion in various levels of competitions such as state, university, interuniversity as well as national levels. He has participated and shown excellence in a musical reality

show Sa Re Ga Ma Pa on the Zee Keralam Television channel. Vineeth has also received many awards and recognitions such as the Aroor Brothers Trust Award, Augustine Joseph Sangeetha Puraskaram, Kannur University Sangeethaprathibha and Bahumukhaprathibha puraskaram etc. Currently, he is pursuing PhD in Atomic and Molecular Physics from MAHE, Karnataka.

7. Bihu by Ms Krishangi Bhuyan (22 October 2021)



Ms Krishangi Bhuyan is a second-year BTech student from the Biomedical Branch of MIT, Manipal. She has passed the Visharad examination and has received a diploma in Bharatanatyam under the Bhatkhande Sangit Vidyapith, Lucknow from Nupur Cultural Academy, Guwahati; under the guidance of Guru Dr Monisha Devi Goswami. She has completed five years diploma course in arts from Assam Fine Arts and Craft Society, Assam. Krishangi enlightened the audience on various art forms of North-East India.

8. Hindustani Vocal program by Pt Jayatheertha Mevundi (28 October 2021)



Pt Jayatheertha Mevundi was born in Hubli, Karnataka. He was brought up in a musical environment and was encouraged by his mother Sudhabai who was fond of singing Purandara Dasa kritis. He is an “A Top” graded artist at All India Radio. Accompanied by the veteran T Ranga Pai and Sri Narendra Nayak, he gave a brilliant performance and mesmerized the audience.

## 9. Karnataka Rajyotsava celebration (28 October 2021)



The CCC was entrusted by MAHE to organize the grand celebration by the Government of Karnataka on the occasion of Karnataka Rajyotsava at the MAHE campus. Three teams were brought together to sing three iconic songs, an event which was conducted at 11 am on 28 October throughout the state. All university officials, faculty, and staff members of various colleges attended the event. The event was recorded by the videography team from MIC and the video was uploaded on the government portal.

## 10. Keyboard performance by Divyansh Sinha (5 November 2021)



During his school years, Divyansh was entrusted with the responsibility of the coveted post of music and dance secretary of his school. He was the founding member of his school band and pioneered various performances including in the prestigious Siri Fort Auditorium. He represented his school in various inter-school competitions and won accolades for his school at various levels, including winning the Horlicks WizKids competition and being adjudged the best keyboardist at the "Wired" competition held at The Heritage School, Gurgaon. His journey also includes the school band being selected among the top five bands across India at the Yamaha Teens Rock competition, judged by the famous band Indian Ocean of Bollywood fame.

11. Classical music and Bollywood by Janani Rajesh (12 November 2021)



Janani has completed her BDS from MCOCS, Manipal, and is currently pursuing MDS in Pediatric dentistry from Rajiv Gandhi University, Bangalore. She started learning Carnatic classical music at the age of three and continued learning under the tutelage of various gurus for a total of 13 years in Dubai where she did her schooling. She was exposed to a variety of music genres ranging from *bhajans*, *abhangs*, *namasankeerthanam*, *ashtapatis*, *thiruppugazh*, *thiruppaavai* etc in addition to the conventional Carnatic music. With her formal Carnatic training on one hand and a never-ending playlist of film songs on the other, she brought together the melange of the two to the audience.

12. Odissi by Madhuja Sen (26 November 2021)



Madhuja is a student in second-year, MCOPS, pursuing a bachelor's in pharmacy. She started learning Odissi Classical Dance at an age of five under the guidance of Guru Dona Ganguly and Guru Arpita Venkatesh. She has completed her junior and intermediate diploma in Odissi Dance Bangiya Sangeet Parishad, Prayag Sangeet Samiti, Allahabad board, and Nrityashree Tirtha by WBDGF. She has also participated in Bhagirath Nritya Utsav, organized by Narteswar Cultural Centre, Odissi International by Samskriti, Bhuvaneshwar, Bharat Sanskriti Utsav, Nritya-Nirman, Uday Shankar Dance Festival, Kolkata etc.

## Centre for Continuing Education and Interprofessional Development (CCEID)

**Address:** 5th floor, Health Sciences Library Building, MAHE, Manipal

**Phone Number:** 0820-2923444

**Email-office:** cceid.mahe@manipal.edu

**Director Email:** ciraj.am@manipal.edu

**Name of the Course Director:** Dr Ciraj Ali Mohammed

**Established:** January 2019

### Programs:

- Orientation programs and Continuing Professional Development Programs focusing on pedagogy, research, and academic leadership for MAHE faculty
- FAIMER Fellowship program in collaboration with the Foundation for Advancement of International Medical Education and Research, (FAIMER), Philadelphia

### About the Department:

The CCEID was established to lead, drive, and facilitate Continuing Professional Development (CPD) activities among the constituent institutions of MAHE. The centre also provides consultancy services to academia and industry in India as well as abroad. CCEID has a unique governance model that utilizes a participatory approach wherein subject experts from MAHE serve as resource faculty voluntarily for the various programs offered by the centre.

CCEID also conducts the international fellowship program in collaboration with the Foundation for Advancement of International Medical Education and Research, (FAIMER), Philadelphia, and the Canadian Interprofessional Health Collaborative (CIHC), Canada. The goal of the institute is to provide approaches and develop

concepts that will help health policy-makers implement the elements of interprofessional education and collaborative practice which will be supportive in their jurisdiction. Commenced in 2015, this program has enrolled 120 fellows from many Indian states and a few from abroad. The representation of diverse professions has created a unique transdisciplinary model of faculty development capable of enhancing health outcomes in the region. Projects undertaken by MAHE FAIMER fellows have won accolades in national and international fora and found their place in reputed journals.

“National consultations” organised by MAHE-FAIMER Institute every year that focus on sustainable development goals (built environment, climate change, patient safety, etc.) have generated valuable recommendations from stakeholders and are shared with relevant policymakers. The centre also hosts “IndIPEN”, the Indian interprofessional education network that represents India in the global consortium of interprofessional practitioners named “interprofessional global”. The Course Director of M-FIILPE, Dr Ciraj A M coordinates the academic and workforce development group in this IP global network and also serves as an international advisor to “The Network: Towards Unity for Health” specifically on issues related to interprofessional education.



## Institutional activities/curricular activities

### New Initiatives

CCEID offers an online “Induction” for the newly joined faculty members in association with the HR department of MAHE. This induction program familiarizes new joiners with the university’s history, culture, values, and strategies as well as operating programs and policies. The “Orientation program - [M-FITLAR]” offered post-induction covers fundamentals in teaching-learning, assessment, research, and academic leadership. The unique blend of M-FITLAR introduces faculty to a comprehensive range of

duties and responsibilities at their workplace. The program also assists them to identify professional mentors in their career trajectory.

In addition, CCEID offers a “Growth” strand that helps faculty focus on key areas in professional development. The themes covered include advanced topics related to teaching-learning, student assessment, research, and academic leadership. There is also a “Succession” strand which is designed for senior academicians and administrators to identify and create a talent pool of future leaders for the organization.

### All other activities in the department relating to the program/course.

#### CCEID-REPORT-2021 JANUARY-DECEMBER

Sl. No	Dates	Name of workshop and Department
1	12 January 2021	Webinar on Storytelling with data and excel Part 1 by Dr Seena Biju, Dean, School of Management and Business, MIU Malaysia and Core faculty MAHE-FAIMER
2	19 January 2021	Webinar on Storytelling with data and excel Part 2 by Dr Seena Biju, Dean, School of Management and Business, MIU Malaysia and Core faculty MAHE-FAIMER
3	30 January 2021	Webinar on Quality Assurance of Health Professions Education by Professor Sanaa Hassan Radi, Vice President of NAQAAE for the Higher Education and Yasser Mohamed El-Wazir, Suez Canal University, College of Medicine, Department of Physiology Ismailia, Egypt
4	23 February 2021	Webinar on Engaging in scholarship and publishing in Health Professions Education by Dr Rashmi A Kusurkar, Research Programme Leader and Associate Professor, Amsterdam UMC, Faculty of Medicine, the Netherlands
5	19 March 2021	Webinar on The use of Body Language in the Teaching-Learning Process: Do’s and Don’ts by Dr Raju Suresh Kumar, Assistant Professor - Medical Physiology, King Saud bin Abdulaziz University for Health Sciences, Kingdom of Saudi Arabia
6	22 to 24 April 2021	M-FITLAR: An Orientation Module for the newly inducted MAHE Faculty on Fundamental in Teaching-Learning, Academic Leadership and Research
7	25 to 26 June 2021	M-FITLAR: An Orientation Module for the newly inducted MAHE Faculty on Fundamental in Teaching-Learning, Academic Leadership and Research
8	3 August 2021	Webinar on Introduction to Reflective Practice by Dr Ciraj AM, Director, MAHE-FAIMER Institute, Manipal Ms Tatiyana Mandal Senior Grade Lecturer - Pharmacology, Melaka Manipal Medical College (Manipal Campus), MAHE Dr Saju Cherian, Associate Professor - Anatomy, Apollo Institute of Medical Sciences and Research, KNR University of Health Sciences, Telangana

Sl. No	Dates	Name of workshop and Department
9	5 August 2021	Webinar on Changing paradigms in HPE by Dr Ciraj AM, Director, MAHE-FAIMER Institute, Manipal
10	5 August 2021	Webinar on Introduction to IPE by Dr John H V Gilbert, CM, PhD., LLD (Hon), FCAHS Professor Emeritus, University of British Columbia. Senior Scholar, WHO Collaborating Centre on Health Workforce Planning and Research, Dalhousie University. Adjunct Professor, University of Technology, Sydney. Founding Chair, Canadian Interprofessional Health Collaborative
11	6 August 2021	Webinar on Interprofessional Teamwork by Mr Anand K M, Lecturer (Selection Grade) - Microbiology, Melaka Manipal Medical College (Manipal Campus), MAHE Dr Ganesh Kamath, Assistant Professor - Selection Grade - Physiology, Melaka Manipal Medical College (Manipal Campus), MAHE Dr K Meena Anand, Professor - Periodontology, Faculty of Dentistry, Manipal University College Malaysia (MUCM), Jalan Batu Hampar, Bukit Baru, Melaka, MALAYSIA Dr Supriya Nambiar, Professor and HoD - Orthodontics and Dentofacial Orthopaedics, Manipal College of Dental Sciences, Mangalore, MAHE
12	6 August 2021	Webinar on Interprofessional Communication by Dr John H V Gilbert, CM, PhD, LLD (Hon), FCAHS. Professor Emeritus, University of British Columbia. Senior Scholar, WHO Collaborating Centre on Health Workforce Planning and Research, Dalhousie University. Adjunct Professor, University of Technology, Sydney. Founding Chair, Canadian Interprofessional Health Collaborative Dr Elsa Sanatombi Devi, Professor - Medical Surgical Nursing Department, MCON, MAHE Mr Abhishek Chaturvedi - Biochemistry, Melaka Manipal Medical College (Manipal Campus), MAHE Dr Lulu Sherif Mahmood, Associate Professor – Anaesthesiology, Father Muller Medical College, Mangaluru
13	7 August 2021	Webinar on Interprofessional Ethics by Dr Mary Mathew, Professor and Head, Department of Pathology, Kasturba Medical College, Manipal Dr Ramprasad V P, FAIMER fellow, Professor and Head, Department of Public Health Dentistry, Manipal College of Dental Sciences, Manipal Dr Selvam Ramachandran, Associate Professor - Physiotherapy, Manipal College of Health Professions, Manipal Dr Bhagyalakshmi Avinash, Reader - Orthodontics and Dentofacial Orthopaedics, JSS Dental College Hospital, JSS Academy of Higher Education and Research, Mysuru, Karnataka, India
14	17 August 2021	Online Workshop on Enhancing student motivation: Using Self-Determination Theory by Dr Rashmi A Kusurkar, MBBS, MD, PhD, FAMEE, Associate Professor, Research Programme Leader, Research in Education, Faculty of Medicine, Vrije Universiteit, Amsterdam. International Scholar on Self-determination theory of motivation
15	19 August 2021	Webinar on Skills for Change Agents by Dr Ciraj A M, Director, MAHE-FAIMER Institute, Manipal Mr Anand K M, Lecturer (Selection Grade) - Microbiology, Melaka Manipal Medical College (Manipal Campus), MAHE Dr Nanditha R Sujir, MAHE-FAIMER Fellow, TUFH Fellow 2021, Associate Professor, Department of Oral Medicine and Radiology, Manipal College of Dental Sciences, Mangalore, Dr Harihara Prakash Ramanathan, Professor and Principal, KM Patel Institute of Physiotherapy, Karamsad, Sardar Patel University, Gujarat, India.



Sl. No	Dates	Name of workshop and Department
16	20 August 2021	<p>Webinar on Project Management and Evaluation by Mr Anand K M, Lecturer (Selection Grade) - Microbiology, Melaka Manipal Medical College (Manipal Campus), MAHE</p> <p>Dr Ganesh Kamath, Assistant Professor - Selection Grade, Department of Physiology, Melaka Manipal Medical College (Manipal Campus), MAHE</p> <p>Dr K Meena Anand, Professor, Department of Periodontology, Faculty of Dentistry, Manipal University College Malaysia (MUCM), Jalan Batu Hampar, Bukit Baru, Melaka, MALAYSIA</p> <p>Dr Poornima P Kundapur, PhD, Associate Professor, Department of Computer Applications, Manipal Institute of Technology, Manipal</p> <p>Mr Teddy Andrews J, Assistant Professor - Social Work Program, Prasanna School of Public Health, Manipal</p>
17	21 August 2021	<p>Webinar on Online learning by Dr Mohammed Hassanien, Professor of Medical Education and Clinical Biochemistry, Advisor of Vice President and Director of Assessment Unit, College of Pharmacy, King Abdulaziz University, Jeddah, Saudi Arabia.</p> <p>Dr Shashidhara YN, Professor and HOD, Department of Community Health Nursing, Manipal College Of Nursing, Manipal</p> <p>Dr Senthil Kumaran D, MPT (Neurosciences), MAHE-FAIMER Fellow, Associate Professor in Neurological Physiotherapy, Department of Physiotherapy, QMR and Chairperson, Quality and Compliance Committee, Manipal College of Health Professions, Manipal</p>
18	26 August 2021	<p>Webinar on Outcome-Based Education: Principles to Practice by Dr Srikant N, Professor and HOD, Department of Oral Pathology and Microbiology, Manipal College of Dental Sciences, Mangalore</p> <p>Dr Sreejith Govindan, Associate Professor, Department of Microbiology, Deputy Registrar-Evaluation (Health Sciences), MAHE, Manipal</p> <p>Dr Supriya Nambiar, Professor and HOD, Department of Orthodontics and Dentofacial Orthopaedics, Manipal College of Dental Sciences, Mangalore</p>
19	27 August 2021	<p>Webinar on Curriculum Design by Dr Anand R, Professor of Respiratory Medicine, Kasturba Medical College (KMC), Mangalore</p> <p>Dr Krithica Srinivasan, Assistant Professor - Optometry, Manipal College of Health Professions, Manipal</p> <p>Dr M Mukhyaprana Prabhu, Professor of Medicine, Kasturba Medical College Manipal</p> <p>Dr Suneeta Kalasuramath, Department of Physiology, S S Institute of Medical Sciences and Research Centre, Davangere</p>
20	28 August 2021	<p>Webinar on Learning in Large groups by Dr Anand R, Professor of Respiratory Medicine, Kasturba Medical College (KMC), Mangalore</p> <p>Dr Suneeta Kalasuramath, Department of Physiology, S S Institute of Medical Sciences and Research Centre, Davangere. Mr Teddy Andrews J, Assistant Professor - Social Work Program, Prasanna School of Public Health, Manipal</p>
21	28 August 2021	<p>Webinar on Small Group Teaching by Dr Ciraj A M, Director, MAHE-FAIMER Institute, Manipal</p> <p>Dr Krithica Srinivasan, Assistant Professor - Optometry, Manipal College of Health Professions, Manipal</p> <p>Dr Harihara Prakash Ramanathan, Professor and Principal, KM Patel Institute of Physiotherapy, Karamsad, Sardar Patel University, Gujarat, India.</p> <p>Dr John H V Gilbert, CM, PhD, LLD (Hon), FCAHS Professor Emeritus, University of British Columbia. Senior Scholar, WHO Collaborating Centre on Health Workforce Planning and Research, Dalhousie University. Adjunct Professor, University of Technology, Sydney. Founding Chair, Canadian Interprofessional Health Collaborative</p>

Sl. No	Dates	Name of workshop and Department
22	2 September 2021	<p>Webinar on Introduction to Assessment by Dr Tejinder Singh, Professor, Department of Paediatrics, Sri Guru Ram Das Institute of Medical Sciences and Research, Amritsar, Punjab</p> <p>Dr Ciraj A M, Director, MAHE-FAIMER Institute, Manipal</p> <p>Mr Anand K M, Lecturer (Selection Grade) - Microbiology, Melaka Manipal Medical College (Manipal Campus), MAHE</p> <p>Dr Krithica Srinivasan, Assistant Professor - Optometry, Manipal College of Health Professions, Manipal</p> <p>Dr Selvam Ramachandran, Associate Professor - Physiotherapy, Manipal College of Health Professions, Manipal</p>
23	3 September 2021	<p>Webinar on Written Assessment by Dr Anand R, Professor of Respiratory Medicine, Kasturba Medical College (KMC), Mangalore</p> <p>Dr Selvam Ramachandran, Associate Professor - Physiotherapy, Manipal College of Health Professions, Manipal</p> <p>Dr Senthil Kumaran D, MPT (Neurosciences), MAHE-FAIMER Fellow, Associate Professor in Neurological Physiotherapy, Department of Physiotherapy, QMR and Chairperson, Quality and Compliance Committee, Manipal College of Health Professions, Manipal</p> <p>Dr Harihara Prakash Ramanathan, Professor and Principal, KM Patel Institute of Physiotherapy, Karamsad, Sardar Patel University, Gujarat, India.</p>
24	4 September 2021	<p>Webinar on Portfolio Based Assessment by Dr Soumendra Sahool, Professor of Ophthalmology, Manipal University College Malaysia (MUCM)</p> <p>Dr Nirmala Rege, Professor Emeritus, Department of Pharmacology and Therapeutics, Seth GS Medical College and KEM Hospital, Professor, Department of Pharmacology, Era's Lucknow Medical College</p> <p>Dr Nanditha R Sujir, MAHE-FAIMER Fellow, TUFH Fellow 2021, Associate Professor, Department of Oral Medicine and Radiology, Manipal College of Dental Sciences, Mangalore,</p> <p>Dr Manpreet Nanda, Professor - ENT and Dy MS, Maharishi Markandeshwar Medical College and Hospital, Solan, Maharishi Markandeshwar University, Himachal Pradesh</p>
25	6 to 7 and 13 to 15 September 2021	<p>Workshop on Interprofessional Collaborative Practice for Autism Spectrum Disorders by Professor John H V Gilbert, CM, PhD, LLD (Hon), FCAHS, DR. TMA Pai Endowment Chair in Interprofessional Education and Practice, MAHE, Manipal, Professor Emeritus, University of British Columbia Vancouver, Canada</p> <p>Dr Ciraj A M, Director, MAHE-FAIMER Institute, Manipal</p> <p>Dr Priyadarshni Sujir, MBBS, DO, PGDEI, Consultant, Early intervention, A V Baliga Hospital, Udupi</p> <p>Dr Animesh Jain, MD, Professor of community medicine, KMC Mangalore</p> <p>Dr Shrikiran Hebbar, MD, Professor of Paediatrics, KMC Manipal</p> <p>Dr Rashmi Nayak, MDS, Professor of Paedodontics, MCOADS, MAHE, Manipal</p> <p>Dr Sumita Rege, PhD, Associate Professor, Occupational Therapy, MCHP, MAHE, Manipal</p> <p>Dr Sunila John, PhD, Associate Professor, Speech and hearing, MCHP, MAHE, Manipal</p> <p>Dr Shivani Tiwari, PhD, Associate Professor, Speech and hearing, MCHP, MAHE, Manipal</p> <p>Dr Edavana Sreelakshmi, MPhil, Assistant Professor, Clinical Psychology, MCHP, MAHE, Manipal</p> <p>Dr Saleena Ummer V, Professor, Medical Lab Technology, MCHP, MAHE, Manipal</p> <p>Dr Meena Anand K, MDS, Professor, Faculty of Dentistry, MMMC, Melaka, Malaysia</p> <p>Mr Anand K M, Selection grade lecturer, Microbiology, MMMC, MAHE, Manipal</p> <p>Dr Ganesh Kamath M, PhD, Assistant Professor - Selection Grade, Physiology, MMMC, MAHE, Manipal</p> <p>Dr Nanditha Sujir, Reader, Oral Medicine and Radiology, MCOADS, Mangalore</p> <p>Dr Anand R, MD, Professor of Respiratory Medicine, KMC Mangalore, MAHE</p> <p>Mr Abhishek, Selection Grade Lecturer, Biochemistry, MMMC, MAHE, Manipal</p> <p>Dr Elsa Sanatombi, Professor of psychiatric nursing, MCON, MAHE, Manipal</p>

Sl. No	Dates	Name of workshop and Department
26	8 September 2021	Webinar on Evaluation of Interprofessional initiatives by Dr Amol R Dongre, MD, MPS, MHPE, Head, Department of Extension Programmes, Professor in Community Medicine and Medical Education, Pramukhswami Medical College (PSMC) Bhaikaka University, Karamsad, Gujarat Dr Ciraj A M, Director, MAHE-FAIMER Institute, Manipal
27	9 September 2021	Webinar on Workplace Based Assessment by Dr Tejinder Singh, Professor, Department of Paediatrics, Sri Guru Ram Das Institute of Medical Sciences and Research, Amritsar, Punjab Mr Anand K M, Lecturer (Selection Grade) - Microbiology, Melaka Manipal Medical College (Manipal Campus), MAHE Dr Lulu Sherif Mahmood, Professor – Anaesthesiology, Father Muller Medical College, Mangaluru Rajiv Gandhi University of Health Sciences, Karnataka Dr Sheeba Kunjukrishnan Retnabai, Lecturer - OBG, Clinical Core Faculty, RAK Medical and Health Sciences University, United Arab Emirates
28	11 September 2021	Webinar on Online Assessment by Dr Mohammed Hany Kamel Shehata, Professor of Family Medicine, College of Medicine and Medical Sciences – Arabian, Gulf University – Kingdom of Bahrain and Faculty of Medicine - Helwan University - Egypt. A faculty member in EMR Ain-Shams regional FAIMER Institute Dr Ganesh Kamath, Assistant Professor - Selection Grade-Physiology, Melaka Manipal Medical College (Manipal Campus), MAHE Dr Saju Cherian, Associate Professor - Anatomy, Apollo Institute of Medical Sciences and Research, KNR University of Health Sciences, Telangana Dr Prakash, Associate Professor, Microbiology, Kasturba Medical College, Manipal
29	16 September 2021	Webinar on Research Ethics by Dr Bharti Chogtu Magazine, Associate Professor, Department of Pharmacology, Kasturba Medical College, Manipal Dr Ramprasad V P, FAIMER fellow, Professor and Head, Department of Public Health Dentistry, Manipal College of Dental Sciences, Manipal Dr Elsa Sanatombi Devi, Professor-Medical Surgical Nursing Department, MCON, MAHE Dr Prakash, Associate Professor, Microbiology, Kasturba Medical College, Manipal
30	17 September 2021	Workshop on Giving Effective Feedback the Key to Improvement by Dr Sucheta P Dandekar, PhD, IFME, MHPE, Professor of Biochemistry, Era University, Adjunct Faculty, Manipal Academy of Health Education, Former Professor and Head, Department of Biochemistry and Clinical Nutrition, In-charge, Central Clinical Biochemistry Laboratory, Seth GS Medical College and KEM Hospital Parel, Mumbai, India
31	18 September 2021	Webinar on Hypothesis testing by Professor Dr Seena Biju, Professor in the domains of Business Analytics and is the Chairperson – Executive Education with Jagdish Sheth School of Management (JAGSoM) Dr Sreejith Govindan, Associate Professor, Department of Microbiology, Deputy Registrar-Evaluation (Health Sciences), MAHE, Manipal Dr Muralidhar M Kulkarni, Associate Professor, Department of Community Medicine, Kasturba Medical College, Manipal Dr Abdul Ajees Abdul Salam, FAIMER Fellow, Associate Professor, Department of Atomic and Molecular Physics, Manipal.
32	24 to 25 September 2021	Webinar on Public Speaking by Professor Somsubhra De, Professor in the Department of Obstetrics and Gynaecology, Manipal University College Malaysia (MUCM) Mr KV Krishna Kumar Devadas, Operations Manager, Logistics, Malaysia

## External Consultations and Workshops:

Sl. No	Dates	Title of the Program
1	18 to 23 January 2021	AICTE sponsored "Innovative Pedagogy Short Term Training Program" Phase I on the theme "Innovative Pedagogy to develop and implement skill-based pharmacy curriculum – A faculty perspective", Manipal College of Pharmaceutical Sciences, MAHE Manipal
2	6 February 2021	Training on Problem Based Learning, National Institute of Speech and Learning (NISH), Thiruvananthapuram
3	6 March 2021	"Implementing Competency-based Medical Education (CBME) Curriculum in Microbiology" – Indian Association of Medical Microbiologists, Tamil Nadu
4	25 to 27 March 2021	Promoting collaboration in online learning communities in Virtual Conference conducted by the University Centre for Health Professions Education, Sri Devaraj Urs Academy of Higher Education and Research, Kolar.
5	6 to 8 April 2021	"Sustaining Online Communities of Inquiry in HPE", VICHPE-2021-A Virtual International Conference for Health Professions Education a success. Al-Sadiq International Virtual University, USA.
6	1 July 2021	Chaired a session on Medical Education Research as an evaluation tool at the Recent Advances in Medical Sciences International E-Conference (RAMSIECON) 2021.
7	7 to 8 August 2021	Plenary session: Shared leadership in online communities at the International Conference in IPE, Malaysia Moderator for Symposium on "Stakeholder Engagement: ICON-IPEPC-2021".
8	26 October 2021	Workshop on Interprofessional skills at the National Conference on Health Professions Education (NCHPE) 2021: Amritsar.

## Details of Publications (in numbers):

- Vidyut Rajhans, Ciraj A M, Ramesh S Ve, Avinash Prabhu, Revitalizing Journal Clubs: Millennial Perspectives for Enhancing Student Learning and Engagement. *Education for Health*, 2021 (34): 22-28.
- Ansam Aly Seif, Hayam M Eldamanny, Khaled Darahim, Dina N K Boulos, Nevine Bahaa, Ciraj A M, Saleena Ummer Velladath, M Ganesh Kamath, EE-6S: an integrated approach for introducing early clinical exposure in the new Egyptian medical curriculum. *Adv Physiol Educ*. 2021 Mar 1;45(1):109-120.
- Jasvinder Kaur Bhatia, Abhishek Chaturvedi, Karuna Datta, Ciraj A M. Enhancing communication skills among residents in India: An interprofessional education approach. *Med J Armed Forces India*. 2021 Feb;77(Suppl 1): S115-S121.
- Ciraj A M, Anand Ramakrishna, Saleena Ummer, Interprofessional Education (IPE): A framework for introducing teamwork and collaboration in health professions curriculum. *Med J Armed Forces India*. 2021 Feb; 77(Suppl 1): S16-S21.
- Lulu Sherif Mahmood, Ciraj A M, John H V Gilbert, Interprofessional simulation education to enhance teamwork and communication skills among medical and nursing undergraduates using the TeamSTEPPS® framework. *Med J Armed Forces India*. 2021 Feb; 77(Suppl 1): S42–S48.
- Sunitha Calvin, Ciraj A M, N Ravishankar, Shashidhara YN, Anice George, Effectiveness of an Interprofessional Education Module on Care of Autistic Children in Enhancing the Interprofessional Competencies among Students of Healthcare Professions: A Study

Protocol International Journal of Nursing Education, 2021:13(1):141.

7. Shivani Rao, Nidhi Budh, Abdul Ajees Abdul Salam, Ciraj A M, Archita Jain, Ajay Raj Sethuraman, Mongjam Meghachandra Singh. Effectiveness of Model based Training on Self-Breast Examination among Reproductive Age Group Women in the Community. Indian Journal of Public Health

Research and Development, October-December 2021, Vol. 12, No. 4, 364-370.

8. Vidyut Rajhans, Ciraj A M, Ramesh S Ve, Rege S. Development and validation of competency framework for teaching management of refractive errors: A participatory Delphi approach. Indian Journal of Ophthalmology: December 2021 - Volume 69 - Issue 12 - p 3690-3696.

## Department of Digital and Information Technology

### Student Life Cycle Management (SLCM) Software Project implementation

MAHE has decided to implement a robust and scalable Student Lifecycle Management ERP system on Microsoft Dynamics Platform for managing student-related processes with the capability to deliver and configure core functions such as admissions, academics, evaluation, and student finance.

The SLCM Software has been implemented across Institutions of MAHE in a phased manner.

**Phase-1:** The SLCM Software on the Microsoft Dynamics ERP platform has been implemented at MIT, Manipal in the year 2017.

**Phase-2:** In the year 2019, the SLCM has been implemented in the semester-based Institutions / University Teaching Departments ( 17 Nos.) of MAHE.

**Phase-3:** The Health Science Institutions (Medical/Dental/Nursing and MCHP) implementation has been completed in January 2021.

Also, the SLCM Servers hosted with Manipal Global Education (MaGE) have been migrated to the Azure Platform of MAHE during April 2021.

### Implementation of Koha Library Management Software

Koha is the world's best open-source library management system. Koha is a fully featured library management system, highly configurable and scalable to meet the needs of libraries of all types and sizes. It is feature-rich, modern and user friendly.

The Koha Library Management software has been upgraded to the new version. The adoption and training to 15 Libraries of MAHE has been completed in August 2021.

### Zoho CRM Platform Implementation

The Zoho CRM platform has been implemented for the social media cell of MAHE in June 2021.

### Implementation of Bright space Learning Management System (LMS)

The Bright space LMS implementation has been initiated for MBBS (First-Year and Second-Year) students of KMC, Manipal, KMC, Mangaluru and MTMC, Jamshedpur. Also, for the first-year BTech students of MIT, Manipal and MIT, Bengaluru during November 2021.

### Websites

The MAHE Bengaluru Campus Webpage has

been developed and released on the www.manipal.edu website.

Also, separate websites for MUP and KMC Hospital, Attavar have been developed.

### **Implementation of AlmaShines - Alumni engagement Portal and App**

AlmaShines is a comprehensive alumni management platform to drive alumni engagement, boost their participation in events, reconnect with unengaged alumni and lay a strong foundation for lifelong relationships.

The AlmaShines – Alumni engagement Portal and App has been implemented for MIT, Manipal during the year 2021.

### **Lecture Capture Solution (LCS) implementation in Classrooms from Impartus**

Impartus is a video-based learning platform that helps educational institutes to create and distribute their content online, thereby helping in taking learning outside the classroom.

MAHE has implemented the LCS in the classrooms of Institutes in a phased manner from the year 2016 onwards and implemented the solutions in 70 classrooms across the Institutions till the year 2020.

In the year 2021, the LCS has been implemented in six classrooms at MTMC, Jamshedpur.

### **IT Infrastructure support for the new Campus of MAHE at Bengaluru**

The planning and execution of various IT requirements related new campus of MAHE at Bengaluru has been done during the year 2021

1. Planning and implementation of Campus Network
2. Computer Lab setup support at MIT, Bengaluru

### **3. Academic software requirements**

#### **IT Network Projects and support**

The Information Systems Department, MAHE has executed the data networking requirement to conduct an online exam at MIT, Manipal within a short span of time during November/December 2021.

Also, the IT Team has executed the data networking requirements of FIVV during the renovation and new Central Lab Building at KMCH, Attavar, new MCBR Building, Manipal during the year 2021.

#### **Digital Transformation and roadmap –**

MAHE is in the process of transforming its end-to-end education experience through a comprehensive future-gazing exercise. The success of which would be based on key stakeholders i.e., leadership, department heads, faculty, staff, and students understanding, accepting, and championing this initiative.

The output is a three-year strategic roadmap-after having identified key problem areas and providing respective solutions to make MAHE the university of choice, in India and Globally.

Project SHIFT was first conceived by leaders at MAHE as a catalyst that would spur the university into a new future. The idea was to embark on a journey that would help MAHE not only transform but also challenge traditional models leading the way to a new era in higher education.

One of the most significant aspects of this endeavour was the decision to involve students, faculty, staff, parents, alumni, and industry in co-creating this future. We kept these stakeholders at the centre of every activity throughout the project to ensure that the resulting transformation roadmap addresses all

the articulated and unarticulated needs of these important stakeholders.

Exhaustive primary research was conducted to understand MAHE in its entirety; obtain an inside-out & outside-in perspective of the university from the university's key stakeholder groups i.e., leadership, students, teaching and non-teaching staff, researchers, parents, alumni & industry experts.

The research included an ethnography (in-depth interviews & focus group discussions) with key stakeholder groups and a quantitative survey

with students across all of MAHE's constituent institutes. Through this research, MAHE's key strengths, weaknesses, associations & consideration drivers were identified, which were then analysed alongside the disruption scan to arrive at ten key opportunity areas for MAHE's improvement.

Later through an ideation and design thinking, exercise 12 digital initiatives and 40 projects were identified and to be implemented in 3 years, based on impact, priorities, and dependencies. This consulting and co-creation engagement was anchored by PwC.



## Department of Student Affairs

### 1. Webinar on Disability Etiquette

Department of Student Affairs (DSA) organized a webinar on Disability Etiquette on 20 January 2021, with a view to promote more inclusivity and foster a safer community for differently-abled persons. Mr Majid Rashed, President of the Asian Paralympic Committee and CEO of Dubai Club for People Determination, was the keynote speaker at the webinar.



### 2. Awareness Program on Prevention of Sexual Harassment at the workplace

DSA organized an awareness program on the prevention of sexual harassment at the workplace on 1 February 2021. Mrs Latha Holla, Advocate and Legal Consultant for MAHE, was the resource person for the event and addressed the audience on the legal aspects of sexual harassment, the rights of victims and the consequences faced by the perpetrators.



### 3. Nasha Mukta Udupi Abhiyaan (NMUA) Preliminary Meeting (03 March 2021)

Lists of various committee members were finalized and an action plan was prepared for the year at the office of the Director, Student Affairs, MAHE.



### 4. Expert Committee Meeting (17 March 2021)

Members of Nasha Mukta Udupi Abhiyaan (NMUA) working committee with Dr Vinod Nayak, Dr Samir Praharaj, Dr Muralidhar Kulkarni, Dr Annapoorna K, Mrs Shalini Quadros and Mr Praveen A met on 17 March 2021 to discuss the topics to be covered during awareness programs to be conducted as part of Nasha Mukta Udupi Abhiyaan. Mr Roshan Jathanna, Co-Principal Investigator of the project explained the objectives of the project to the committee.



### 5. Patron and Advisory Committee Meeting

A meeting with MAHE leadership was held on 19 March 2021 to seek their advice and support for the NMUA project.



### 6. Project Coordinators Meeting (19 March 2021)

The working committee met every Monday at 4 pm to plan and effectively execute activities for the month.



### 7. International Webinar on Tobacco Control

International Webinar on Tobacco Control was organized to observe World No Tobacco Day on 31 May 2021 on Zoom. It was organized in association with the Medical Research Council of the United Kingdom funded projects - Preventing Smoking Uptake and Tobacco Control Capacity Program. Experts from across the world participated in the webinar and shared their



views on country-specific and global measures for tobacco control.



### 8. E-Poster Competition

E-Poster competition was organized to mark the occasion of World No Tobacco Day 2021, on the theme “Commit to Quit”. A total of 136 students from various schools and colleges in and around India participated in the competition. Results were announced during the International Webinar on Tobacco Control on 31 May 2021.

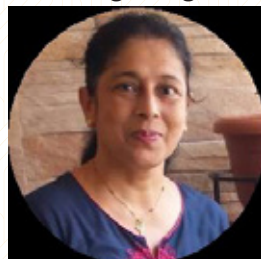
Winning Posters



### 9. Slogan Writing Competition

The Slogan Writing competition was organized to mark the beginning of the NMUA project. The two winning slogans were used as Taglines throughout the project. A total of 71 staff and students from various institutes of MAHE participated in the competition. The results were announced during the webinar on Drug Abuse and Youth on 26 June 2021.

#### Winning Slogans



“Stop today for a better tomorrow...”



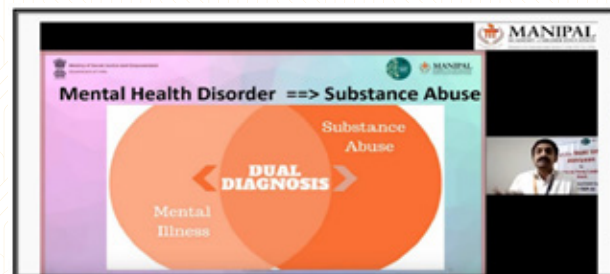
“Freedom from drugs, freedom for life”

Mrs Cynthia Menezes, Manipal Institute of Technology, Manipal

Ms Aadrika, Manipal College of Pharmaceutical Sciences, Manipal

### 10. Nasha Mukta Udupi Abhiyaan (NMUA) Talk Series #1

A series of talks titled “Nasha Mukta Udupi Abhiyaan Talk Series” was conducted to raise more awareness for our project. The first talk of the series was conducted on 23 June 2021 at 3 pm. The resource person for the talk was Dr Rayan Charls Mathias (MAHE Student Counsellor) who spoke on the topic “Balancing Mental Health during COVID-19 Pandemic and Repercussions of Substance Abuse”



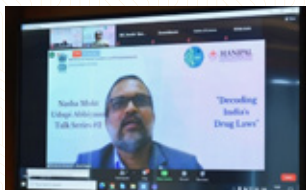
### 11. Webinar on Drug Abuse and Youth

A webinar was organised to observe the International Day against Drug Abuse and Illicit Trafficking on 26 June 2021 through MS Teams. The resource person for the talk was Dr P V Bhandary (Director and Consultant Psychiatrist, Dr A V Baliga Group of Institutions, Udupi) who spoke on the topic "Drug Abuse and Youth".



### 12. NMUA Talk Series #2

NMUA Talk Series #2 was conducted on 20 July 2021 at 10:30 am on the Zoom app, in association with MAHE's Centre for Clinical and Innovative Forensics, by Dr Vinod C Nayak (Professor, Department of Forensic Medicine and Coordinator, Centre for Clinical and Innovative Forensics, KMC, Manipal), on "Decoding India's Drug Laws".



### 13. Training of Trainers

A training program for trainers was organized for 105 staff selected from various institutions of MAHE on 24 August 2021, to address issues related to substance abuse among youth.



### 14. Elocution Competition

Elocution Competition on the topic "Role of students in making Udupi Nasha Mukta" was organised on 23 September 2021 and 25 September 2021.



15. A public awareness program at Hiriadka College was organised on 30 September 2021.



16. A drug awareness program for Health Science Hostel Care Takers was organised in two batches on 15 October 2021.



19. A workshop on "Role of students in making Udupi Nasha Mukti for Department of Commerce" was organised on 17 November 2021

17. A webinar on Menstrual Health and Hygiene was organised on 22 October 2021.



20. A visit was arranged to Kota and Kotathattu panchayats to discuss with panchayat officers about conducting awareness programs at their places on 18 November 2021.

18. A drug awareness program for Care Takers of Technical institutions hostels was organised in two batches on 29 October 2021.





21. An awareness program was held for Viveka PU College students, Kota on 18 November 2021.



22. An awareness program was conducted for Govt Composite High School students, Manur on 18 November 2021.



23. NMUA team addressed the doctors at the Public Health Centre, Manur on 18 November 2021



24. A visit was paid to Anganawadi at Manur for an awareness program on substance abuse on 18 November 2021



25. Peer Support Workshop and Inauguration of Nasha Mukta Club took place at MAHE on 9 December 2021.



## 26. Social Media and Publicity

Inspirational Messages by MAHE Leaders and various Institute Heads of MAHE were recorded and uploaded on YouTube.



## 27. NMUA Newspaper Coverage



## 28. Radio Talk Series

In order to raise awareness and increase the reach of our efforts, we conducted a series of talks over the Radio. Dr Geetha Maiya and Dr Rayan Mathias recorded the first of the Nasha Mukt Udupi Abhiyaan Radio Talk Series, accompanied by Mr Roshan Jathanna, at the Community Radio Station at Manipal Institute of Communication.



## 29. Collaboration with Udupi District Officials

A meeting was held with The Deputy Commissioner, Udupi District to seek permission to carry out community outreach programs. As per his suggestion, the committee met Mrs Ratna (Disability Officer, Udupi District) to collaborate on NMBA activities.



## 30. Community Outreach

A meeting was held with community leaders at Kurkal village, Udupi District to raise awareness of the project and seek their support in making Udupi District a drug free zone. A preliminary survey was initiated, to identify 10 hotspot villages in Udupi District.



### 31. Community programs

As per the proposal, we will be conducting 16 visits to each of the 10 identified hotspot villages in the Udupi District. The survey was conducted in 22 villages of Udupi District and also identified 10 hotspot villages.



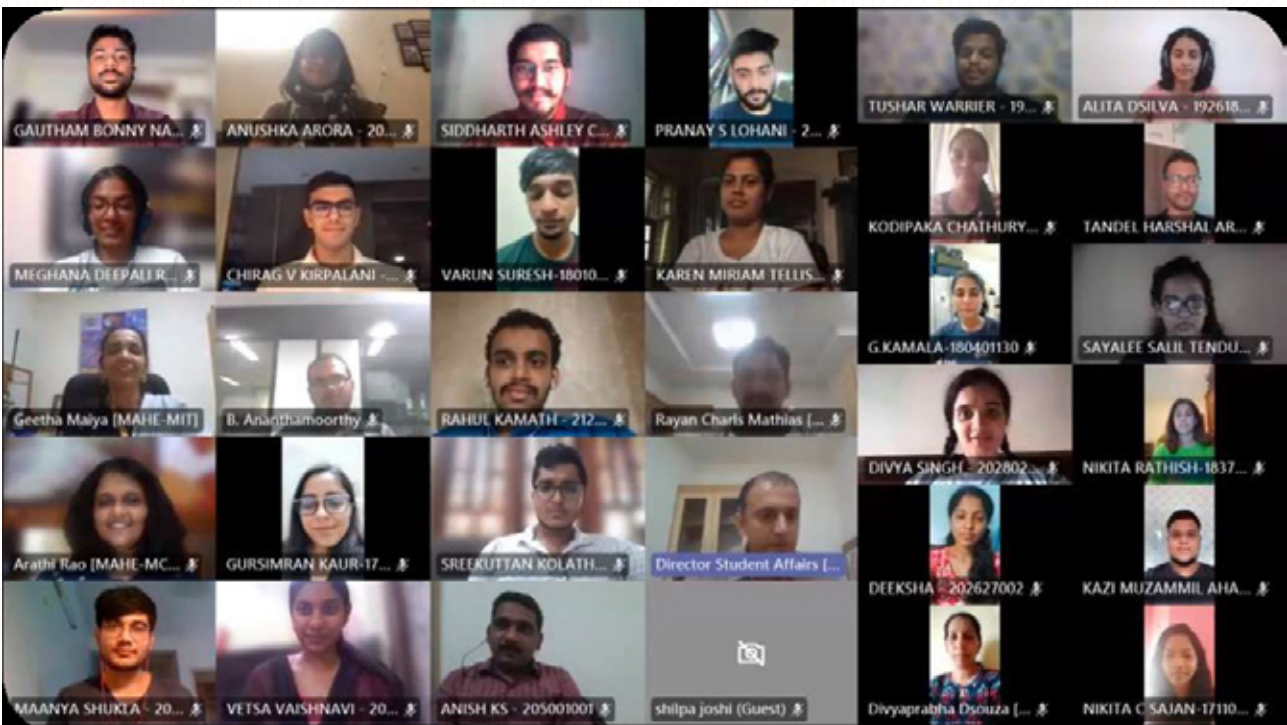
### 32. National Capacity Building Workshop

All members of the NMUA Working Committee as well as several staff and students of MAHE attended the National Capacity Building Workshop organized by the Ministry of Social Justice and Empowerment, Government of India.



### 33. Young Leaders of MAHE

Dr Geetha Maiya addressed the Student Council members from all Institutes of MAHE. We aim to form a Nasha MukT MAHE student Clubs at all Institutions of MAHE to involve all our students in this project.



## Office of Corporate Relations (OCR)

### National and International Industry Collaboration Quarter-wise data for Institution of Eminence

Collaborations	2019-20					2020-21				
	Q1	Q2	Q3	Q4	Total	Q1	Q2	Q3	Q4	Total
National	6	1	2	2	11	5	4	14	18	41
International	2	1	1	2	6	1	2	3	4	10

### Request letters sent for Corporate social responsibility

Year	Number of Companies	No Response	No Fund	Response	Fund (INR)
2020 (January-December)	40	38	2	-	-
2021 (January-December)	63	60	2	-	8 Lakhs (Acuate Pvt Ltd)

### Corporate social responsibility fund received from companies:

Company Name	Received Fund (INR)	Year
Acuate Pvt Ltd, Bengaluru	8 Lakhs	2021

### Webinars/Programs/Events:

- “Advanced Technologies of MAHE queued up for Corporate partnership” - 8 July 2020  
**Inaugurated By:** Dr H S Ballal  
**Speakers:** Dr Raviraja N S, Dr Shrihari Upadhyaya, Dr Manesh Thomas, Dr Arun Maiya, Dr Ramesh S Ve, Dr Shrinivas Mutalik, Dr K Satyamoorthy, Dr Nirmal Mazumder, Dr Manohar Pai, Dr Ramya Lokesh and Mr Harish Kumar
- “Innovation Day” – 15 September 2020  
**Guest Honor:** Dr George Patani, Chief  
**Guest:** Dr Vasam Sambandamurthy  
**President:** Lt Gen (Dr) M D Venkatesh
- “Innovations in Diabetic Foot Care” - 15 September 2020  
**Moderators:** Dr Raviraja N S, Dr G Arun Maiya, Dr Satish Rao  
**Presenters:** Dr G Arun Maiya, Dr D S Prasad, Dr (Lt Col) Pawan Kumar Gupta
- “Challenges in Developing Cell Therapy Product in India” – 27 September 2020  
**Moderators:** Dr Raviraja N S, Dr Shrihari Y Upadhyaya  
**Panelists:** Dr Udaya Kumar K, Dr Pawan Gupta.
- “Philips-MAHE Steering committee meeting” - 9 October 2020  
**Participants:** Lt Gen (Dr) M D

- Venkatesh, Dr Raviraja N S, Dr Shrutin, Dr Ramesh, Dr Chiranjay, Dr Zeeshan, Dr Shivakumar, Dr Arun Shatry, Mr Mukul, Mr Kunal, Mr Nithesh, Mr Vijayananda, Mr Arvind, Mr Shailesh Agrahari.
- **“Entrepreneurial Insights” (series -1) – 10 October 2020**  
**Panelists:** Dr Harisha G Joshi, Mr Ishwar Haritas  
**Inaugurated By:** Lt Gen (Dr) M D Venkatesh  
**Moderators:** Dr Raviraja N S, Dr Shrihari Y Upadhyaya
  - **“Entrepreneurial Insights” (series-2) – 14 October 2020**  
**Panelists:** Mr Manohar Shetty, Mr Dinesh Karnik  
**Moderators:** Dr Raviraja N S, Dr Shrihari Y Upadhyaya
  - **“Entrepreneurial Insights” (series-3) – 10 November 2020**  
**Panelists:** Mr Bola Rahul Kamath, Mr Nishan D’Souza  
**Moderators:** Dr Raviraja N S, Dr Shrihari Y Upadhyaya
  - **“Entrepreneurial Insights” (series-4) – 24 November 2020**  
**Interaction with Co-founders of MUTBI Graduates Startup**  
**Inaugurated by** Lt Gen (Dr) M D Venkatesh  
**Panelists:** Mr Vijay Varadha, Mr Vatsal Ambastha, Mr Priyadeep Sinha, Mr Abhishek Bhaduri, Mr Akash Murthy, Mr Gopal Krishna, Mr Shashank Tulsyan, Mr Anirudh Batwara, Mr Shashank Jha, Mr Yunus Tonse, Mr Kunal Gandhi, Dr Kumar Siddharth
  - **“Promoting Entrepreneurial Ecosystem in Coastal Karnataka” – 12 February 2021**  
**Inaugurated by** Lt Gen M D Venkatesh  
**Keynote address:** Dr Mohandas Pai
  - **World Entrepreneurs’ Day (Conversation with co-founders of Pharmeasy) – 24 August 2021**  
**Panelists:** Mr Siddharth Shah, Mr Harish Parekh, Mr Dharmil Seth, Mr Dhawal Shah, Mr Hardik Dedhia.  
**Participants:** Lt Gen (Dr) M D Venkatesh, Dr H S Ballal, Dr Narayana Sabhahit, Lt Gen (Dr) Rajan S Grewal, AVSM, VSM; Dr Gopalakrishna Prabhu, Dr Madhu Veeraraghavan, Dr Harinarayan Sharma, Dr Y Shrihari Upadhyaya, Dr Raviraja N S, Dr Divya Pritwani, Dr Tej Chingtham, Dr Nishith K Mohanty
  - **Collaboration between MAHE and Sutherland Healthcare Solutions – 24 October 2021**  
**Participants from Sutherland:** Mr Surya Narayanan, Mr Sudipta Mukherjee.  
**Participants from MAHE:** Cdr (Dr) Anil Rana, Dr Raviraja N S, Dr Harish S Kumar, Dr Ashok Rao
  - **Webinar on “Stem Cell Therapy for Diabetes - MYTH or REALITY” – 15 November 2021**  
**Panelists:** Dr Pawan Kumar Gupta  
**Participants:** Dr PLNG Rao, Dr Raviraja N S, Dr Sachin Kadam, Dr Manjunatha S M, Dr Souvik Dey
  - **Interaction with Cocreation. Ventures, Bengaluru – 18 November 2021**  
**Panelists:** Mr Suresh  
**Participants:** Lt Gen (Dr) M D Venkatesh, Dr Narayana Sabhahit, Dr



PLNG Rao, Dr Raviraja N S, Dr Manesh Thomas, Dr Sharath K Rao, Dr Arun G Maiya, Dr Satyamoorthy K, Cdr (Dr) Anil Rana, Dr Helmut Brand, Dr Sandeep Shenoy, Dr Thirugnanasambantham K, Dr Madhu Veeraraghavan

- **“MAHE- PHILIPS Meeting” – 10 December 2021**

**Participants from Philips:** Dr Shrutin Ulman, Dr Arun Shastry, Mr Arvind Vaishnav, Mr Vijayananda, Mr Manjunatha Maiya

**Participants from MAHE:** Lt Gen (Dr) M D Venkatesh, Dr PLNG Rao, Dr Raviraja N S, Dr Chiranjay Mukhopadhyay, Dr Somashekara Bhat, Dr Balakrishna Rao

- **Meeting with Navitas Life Science – 9 September 2021**



Picture: from left to right- Dr Arun (Navitas Life Science Pvt Ltd); Dr Ragavendra Shetty (Navitas Life Science Pvt Ltd); Lt Gen (Dr) M D Venkatesh; Dr Narayana Sabhahit; Dr Raviraja N S

- **Blackfrog Technologies unveiled the next-generation vaccine carrier namely “Envólio pro” - 4 November 2020**



**Picture: from left to right** - Mr Sharad Anchan (Lead Engineer, Blackfrog Technologies Pvt Ltd); Mr Donson D Souza (Chief Operating Officer and Client Relations, Blackfrog Technologies Pvt Ltd); Mr Ashlesh Bhat (Chief Technical Officer, Blackfrog Technologies Pvt Ltd); Dr Arun Shanbhag(Chief Innovation Officer of MAHE); Dr Shrihari Upadhyaya (CEO of MUTBI); Dr Manesh Thomas (CEO of GoK-Bioincubator); Dr Raviraja N S (Director of Corporate Relations); Mr Mayur Shetty (Chief Executive and Product Architect, Blackfrog Technologies Pvt Ltd); Ms Fiona Fernandes (Assistant Manager, Blackfrog Technologies Pvt Ltd)

- **Visit of Mr Amit Kapur (Director Technical) and Ms Ameeta Nehra (Lead – Corporate Communications and PR) of Everest group – 18 November 2020**



**Picture: from left to right** – Dr M Vijaya Kini (Professor and Associate Director - Alumni, Public Relation and International Relation); Dr Shrihari Y Upadhyaya (CEO - MUTBI); Dr D Srikanth Rao (Director - MIT Manipal, MAHE); Mr Amit Kapur (Director Technical - Everest Blowers Pvt Ltd); Lt Gen (Dr) M D Venkatesh (Vice Chancellor, MAHE); Dr Raghuvir Pai (Professor, MAHE); Ms Ameeta Nehra (Lead – Corporate Communications and PR –Everest Blowers Pvt); Dr Raviraja N S (Director of Corporate Relations, MAHE); Mr Vinod Kamath (Assistant Professor, MAHE)

- Skill development training program for Fish/Shrimp farmers - 24 February 2021



**Guest of Honour:** Mr Amit Kapur, Director, Ms Ameeta Nehra, and Mr Shekar Redd of Everest Blowers

**Participants:** Dr Shrikanth Rao, Dr Manohara M Pai, Dr Raviraja N S, Dr Radhika M Pai, Dr Shrihari Upadhyaya, Dr Balachandra, Ms Chaitra, Ms Tejaswini Bhat and Local fishermen

- Story of a Successful entrepreneur, Mr Rohith Bhat, CEO, 99Games – 20 October 2021



**Picture from left to right – 1st Row** - Commander Dr Anil Rana (Director, MIT); Mr Rohit Bhat (CEO, 99Games Online Private limited); Lt Gen (Dr) M D Venkatesh (Vice Chancellor, MAHE); Ms Shylaja Rao (Ex-COO, Robosoft Technologies Pvt Ltd.); Dr Keerthana I (Director - MSIS, MAHE); Mr Ankit Jajoo (E - Cell, MIT)

**2nd Row** - Dr Raviraja N S (Director of Corporate Relations, MAHE); Dr Arun Shanbhag

(Chief Innovation Officer, MAHE); Dr Madhu Veeraraghavan (Director, TAPMI Manipal); Dr Santhosha Rao (AGM, MUTBI Manipal); Dr Dasharathraj K Shetty (Associate Professor, Department of Humanities and Management, MIT)

- Collaboration between MAHE and Sutherland Healthcare Solutions - 22 October 2021



**Picture from left to right** – Mr Ravi Ramaswamy (CEO - RV consultants, Sutherland Healthcare Solutions); Dr Harish S Kumar (Associate Director - Industry Liaison, Placement and Practice School, MIT, MAHE); Dr Raviraja NS (Director of Corporate Relations, MAHE); Commander Dr Anil Rana (Director - MIT, MAHE); Dr Narayana Sabhahit (Registrar, MAHE); Lt Gen (Dr) M D Venkatesh (Vice Chancellor, MAHE); Mr Surya S Narayanan (Head of Healthcare IT - HealthCare Digital Sutherland Healthcare Solutions); Mr Milind Deshpande (Vice President of Global Delivery for Digital Engineering Services, Sutherland Healthcare Solutions); Ms Sripriya Gopi (Senior Manager - HR, Sutherland Healthcare Solutions); Dr Ashok Rao (Associate Director- Research and Consultancy, MIT, MAHE).

## Academics -new courses report

Program Name	Year of program commencement	Institution
MSc MLT in Haematology and Immunohaematology	2021	Manipal College of Health Professions (MCHP), Manipal
MSc Digital Epidemiology	2021	Prasanna School of Public Health, Manipal
BTech in Computer Science and Engineering (Artificial Intelligence and Machine learning)	2021	Manipal Institute of Technology, Manipal
MTech (Defence Technology)	2021	Manipal Institute of Technology, Manipal
MSc Tissue Engineering	2021	Manipal School of Life Sciences, Manipal
MA Sanskrit Studies	2021	Department of Philosophy, Manipal
BA (Data Sciences)	2021	Manipal Centre for Business Practice, Manipal
BA (Aesthetics and Peace Studies)	2021	GCPAS, Manipal
MSc (Reproductive and Developmental Biology)	2021	Kasturba Medical College, Manipal
MD (Palliative Medicine)	2021	Kasturba Medical College, Manipal
BTech Computer Science and Engineering (Artificial Intelligence )	2021	Manipal Institute of Technology, Bengaluru
BTech Computer Science and Engineering (Cyber Security)	2021	Manipal Institute of Technology, Bengaluru

## Directorate of Public Relations, Media & Social Media Cell

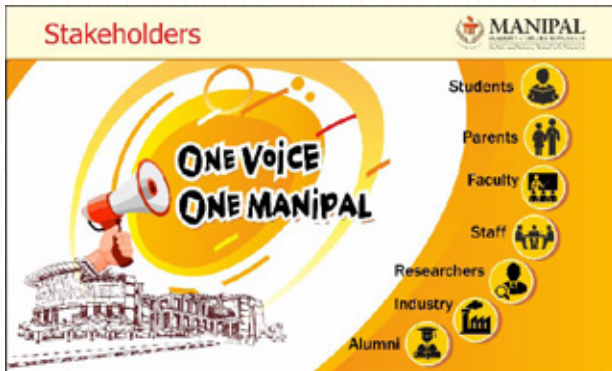
The Directorate of PR and Media Communication at MAHE leads the efforts to pursue the MAHE brand's mission and vision, as a trusted primary source of communication. It is also responsible for the brand-building and promotion of MAHE. The Directorate plays a major role in serving the constituent Institutions, the students, and its stakeholders by disseminating official and seamless communication, with its primary objective as "One Voice, One Manipal".

The Directorate uses appropriate media platforms, social media handles, and its official websites to disseminate various official

communications from time to time. The Directorate also takes care of the contents and designs various collaterals for official websites.

The Audio Visual (AV) Department, which is part of the Directorate of PR and Media Communication is created to provide centralized services to the departments, its constituent colleges, and associate teaching hospitals in the field of photography, video coverage, and audio systems. The department is well-equipped with sophisticated equipment, which is handled by a trained and competent team.

The Directorate also handles all important events and activities of MAHE and its constituent institutions, including liaising with important dignitaries and coordinating education fares of MAHE within the country and abroad. The Directorate of PR and Media is situated in the administrative building of MAHE.



**National PRESS CONFERENCE and Local Press Meet are conducted at regular intervals.**

A National Press Conference was organized on 11 August 2021 with the objective “Education in the shadow of a pandemic and how MAHE has been maintaining the continuity of learning for all students”.



The National Press Conference was addressed by Dr H S Ballal, Pro Chancellor - MAHE, Lt Gen (Dr) Venkatesh, Vice Chancellor, Dr Narayana Sabhahit, Registrar and Mr S P Kar, Director - PR, Media, and Social Media, MAHE. The following points were addressed during the conference:

- How the COVID-19 will shape the functioning of colleges and universities, and what MAHE has done to make its campus future pandemic ready.
- MAHE gearing up to welcome students to the college campus and the preparations are underway for a smooth transition from online to classroom mode.
- Roadmap for MAHE and its group of institutions for the new curriculum in line with NEP 2020, and admission of students.

Dr H S Ballal, Pro Chancellor said “At MAHE we want the best for our students, starting from providing COVID vaccination or be it financial aid to COVID impacted students. During these challenging times, we have been resilient and provided all the support to our students. The impact of COVID in the Education sector has been massive. Institutes and universities have adopted the “new normal” and “virtual education”, so the students do not have to suffer in their studies and career. With students now slowly returning to campus, we will ensure COVID protocols are followed with utmost sincerity while the students learn and grow.”

Sharing his views, Lt Gen Dr Venkatesh – Vice Chancellor, said, “Considering the evolving changes in the education sector, especially in the COVID era, colleges and universities are trying to build a future-ready and pandemic proof environment and we are happy to say that MAHE has achieved significant progress. We are all set to welcome our students to the college campus. Our COVID-19 vaccination drive for all our students and staff has made us better prepared for a smooth transition from online to classroom mode. We will continue to implement all Government protocols for maintaining high standards of safety for students on campus with COVID appropriate measures. MAHE has

already created a road map for implementation of NEP 2020”.

Dr Narayana Sabhahit - Registrar, said “At MAHE we have always kept our students as our topmost priority. We have achieved a seamless and uninterrupted education continuity for all our students across all departments/courses. We have guided our students at every step since the pandemic in 2020 last year. Fortunately, all the exams, tests and courses were conducted seamlessly. We have received an overwhelming response from students seeking new admission at MAHE. We are proud to say that our faculty and students have collaborated to sail through the pandemic. With the implementation of the new NEP policy, we aim to build a stronger and value-based higher education system.”

Mr S P Kar, Convener of the Press Conference and Director, PR Media, and Social Media Cell-informed and highlighted “the achievements of MAHE on the ranking and accreditation by various national and international agencies. He further added, most of the constituent Institutions of MAHE have either improved or maintained their ranking as compared to the previous year”.

#### Press Meet

On 26 September 2021, MAHE in association with the Udupi district Amateur Athletic Association organized a Press Meet regarding conducting of 5th edition of the Manipal Marathon. Shri

Raghupathi Bhat, MLA of Udupi and President - Udupi district Amateur Athletic Association and Dr H S Ballal, Pro Chancellor, MAHE, Dr Narayana Sabhahit, Registrar of MAHE, Mr S P Kar, Director, PR, Media, and Social Media Cell, MAHE along with Dr Vinod Nayak, Secretary, Sports Council, MAHE were present.

During the marathon, all COVID protocols and majors will be in place as defined by Government and various Regulators will be strictly implemented.

Manipal Academy of Higher Education (MAHE) will give all the facilities to enhance the student’s abilities. We give a lot of importance to academic activities. Students should make sure that they focus on their studies and participate in extra-curricular and co-curricular activities. It will help in the overall development of personality. We at MAHE believe that physical and mental fitness should go hand in hand.

Total Authored Articles published in leading/reputed/popular magazines: 36

Total news clipping in various newspapers/magazines across PAN INDIA: 2306

Total Numbers of Social Media Channels: MAHE and its constituent units have 125 official Social Media handles on Facebook, Twitter, Instagram, YouTube, and LinkedIn.



**IV**

# Research Activities

## Directorate of Research

The vision of the Directorate of Research (DOR) is to nurture and promote research activities of global standards. DOR facilitates and contributes to research in all disciplines, thereby improving yield in terms of grants, research innovation, intellectual property, and publications.

In the year 2021, the research outcomes showed a surge in terms of the number of publications which was more than 3,250 with 5.3 citations per publication and field weighted citation impact of five years touching 0.93. The percentage of papers with international collaboration was 33.8 per cent, while the percentage of research papers in top quartile journals is also growing and this year around 37.5 per cent of publications were in quartile one journals. Regarding intellectual property, the number of patents, designs and copyright being applied every year are increasing over years. In 2021, the total number of patents, designs and copyrights granted were 10.

Regarding research recognitions, MAHE received Clarivate India Research Excellence - Citation awards for the year 2021. Also, six researchers from MAHE were featured in the top 2 per cent ranking published by the team of researchers led by a Professor from Stanford University.

MAHE Student Research Forum acts as a common platform for students (undergraduates, graduates,

and research scholars) of the constituent institutes across the MAHE for learning, collaboration, and professional development through continuous programs in both teaching and research. This year's activities of MAHESRF included an "interdisciplinary conference on healthcare and technical research and MAHESRF online training program". DOR conducts awareness programs for updating the researchers of MAHE regarding different aspects of research methodology, research ethics and webinar as well as workshop /training programs for faculty and researchers. During the current calendar year, more than 100 such research awareness programs were conducted with the involvement of scholars from various disciplines as resource persons from MAHE and non-MAHE organizations.

For any higher education institution creation of new knowledge is the most important aspect of its global presence. Currently, 1,564 PhD scholars are pursuing PhD at MAHE under different streams including health sciences, life sciences, technology, management, humanities, liberal arts, and social sciences. In the year 2021, 394 students were admitted to the program and 178 were awarded PhD.



Research Grants received during the period from April 2021 to March 2022

Sl. No	Institution	Amount (in Lakhs)
1	Kasturba Medical College, Manipal	988.45
2	Manipal School of Life Sciences, Manipal	549.08
3	Manipal College of Pharmaceutical Sciences, Manipal	286.67
4	Manipal Institute of Technology, Manipal	180.45
5	Manipal College of Health Professions, Manipal	153.74
6	Manipal Institute of Virology, Manipal	148.35
7	Manipal Institute of Regenerative Medicine, Bangalore	133.19
8	Manipal College of Nursing, Manipal	94.27
9	Kasturba Medical College, Mangalore	56.62
10	Manipal School of Information Sciences, Manipal	52.88
11	Manipal College of Dental Sciences, Manipal	43.24
12	Prasanna School of Public Health, Manipal	41.61
13	KMC Hospital, Attavar, Mangalore	39.60
14	Manipal Institute of Management, Manipal	7.18
15	Manipal College of Dental Sciences, Mangalore	3.47
16	Manipal Tata Medical College, Jamshedpur	1.22
17	Manipal School of Architecture & Planning, Manipal	1.00
18	Welcomgroup Graduate School of Hotel Administration, Manipal	0.11
<b>MAHE - Departments</b>		
19	Department of Atomic and Molecular Physics	26.91
20	Manipal Center for Biotherapeutics Research	20.30
21	Manipal Centre for Natural Sciences	6.13
22	Department of Director of Research	2.88
23	Department of Philosophy	2.00
24	Centre for Advanced Research in Applied Mathematics and Statistics(CARAMS)	0.84
25	University Teaching & Research Departments	0.64
26	Department of Commerce	0.57
27	Business Practice	0.20
28	Manipal Centre for Humanities	0.17
29	Department of Yoga	0.09
		<b>2,841.86</b>



# PHILIPS



**MANIPAL**  
ACADEMY of HIGHER EDUCATION  
*(Deemed to be University under Section 3 of the UGC Act, 1956)*



Screening patients at the reception Kasturba Hospital entrance using a health screening kiosk prototype

### What are the next steps?

After finalizing the first steps of clinical validation of Proof of Concept, the project plans to move to the advanced development stages, within the framework of the Vital Signs Sensing Platform, announced earlier this year. Moreover, together with MAHE, the research team aims at exploring other applications of CMON technology in the Indian market. For instance, The vital signs camera can be a useful tool to measure the viral load of patients in the common waiting areas of patients. This will help the hospital strategize on separating these patients and planning suitable interventions – while concurrently reducing the carbon footprint.

Below are some excerpts shared Dr Muralidhar Varma (Chairman, Hospital Infection Control Committee), Dr Sivakumar (Department of Physiology) and Dr Ramesh S Ve (Admin Lead-Philips and MAHE CMON co-creation) at Kasturba Medical College, Manipal:



- COVID-19 pandemic has increased the emphasis on not only patient care but also on the safety of healthcare professionals. Philips non-contact vital screening started as a clinical study and now emerged into an academia-industry co-creation project. The ongoing project on Contactless Monitoring (CMON) at Manipal focuses on the validation of the non-contact vital applications during COVID-19 screening, however, the potential of such technology has wider applications including inpatient care, community care, and bedside monitoring of patients at risk. CMON can also help to identify the health pattern in high-risk population as neonates, the elderly, and patients with multiple co-morbidities.
- The current clinical study will have far-reaching implications in improving the access to healthcare in remote and rural areas. Access to this technology in a country like India where over 70 per cent of the population resides in rural and remote areas will improve health access which is, in line with the Government of India's health vision.
- Even though this technology has been primarily being tested for COVID-19 use cases, it has a huge potential and scope in early diagnosis, monitoring, and management of other diseases like sepsis, Coronary artery disease, and respiratory illness.
- As Contactless monitoring technology has become more reliable, accurate and sustainable, it can also be integrated with any Commercial off the Shelf (COTS) camera making it more affordable and reachable to the masses. The use of CMON in mobile applications helps in both community screening and value-added offering in teleconsultations for home care.
- The current impact of this CMON technology in COVID-19 screening is reducing the need for PPEs usage and other disposables and reducing the biomedical waste having many environmental benefits.



### Philips MAHE PhD Program Publication log

PhD Title	Academic year	Title of the paper	Authors	Name of the Journal	ISSN/ Reference number
Development of a predictive labour progress model for low resource settings.	2019	Quantified Comparison of Uterine Electrical Activity during Active Labour at various locations in Abdominal Surface: A Preliminary Study	Santosh Vasist, Dr Parvati Bhat, Dr Shrutin Ulman, Dr Harishchandra Hebbar	International journal of advanced trends in computer science and engineering	22783091
Development of a predictive labour progress model for low resource settings.	2020	The association between uterine electrical activity and labour progress: a systematic review	Santosh Vasist, Dr Parvati Bhat, Dr Shrutin Ulman, Dr Harishchandra Hebbar	Journal of Advanced Research in Dynamical and Control Systems	1943023X

PhD Title	Academic year	Title of the paper	Authors	Name of the Journal	ISSN/ Reference number
Development of an analytics algorithm to predict clinical outcomes of Head and Neck cancer using clinical features and Radiomics.	2021	Radiation therapy treatment outcomes for patients with head and neck cancer : A tertiary care centre experience in a tier three town	B S Amina, S Anshul, T K Sharan, R S Anusha, Shirley Lewis, V Umesh, A Priyanka, G Tarun	Indian Journal of Otolaryngology and Head and Neck Surgery	Doi: 10.1007/s12070-021-02810-7
Development of a predictive labour progress model for low resource settings.	2022	Identification of contractions from Electrohysterography for prediction of prolonged labour	Santosh Vasist, Dr Parvati Bhat, Dr Shrutin Ulman, Dr Harishchandra Hebbar	Journal of Electrical Bioimpedance	Accepted for publication
Detection and Staging Of Laryngeal Cancer Using Machine Learning and Radiomic Features.	2022	Automated Segmentation of the Larynx on Computed Tomography Images: A Review	Divya Rao, Prakashini K, Rohit Singh and Vijayananda J	Biomedical Engineering Letters	Accepted for publication

### Philips talk

Dr Kumar Rajamani is a Senior Scientist at Philips Research. Prior to this, he was a Postdoctoral Researcher at the Institute of Medical Informatics, University of Lübeck, Germany.

His research during his Postdoctoral stint was on Medical Deep learning, specifically advanced architectures for medical image segmentation (COVID-19 lesion segmentation) using attention mechanisms.

**ATTENTION MECHANISM IN DEEP LEARNING FOR MEDICAL IMAGING**

By **Dr. Kumar Rajamani**

Senior Scientist | Philips Research  
 Postdoctoral Researcher | IMI Lübeck, Germany  
 PhD in Biomedical Engg. | Bern, Switzerland

For Registration: [tinyurl.com/aap8z3zc](https://tinyurl.com/aap8z3zc)

24TH NOVEMBER 2021  
 10:00 AM - 11:30 AM IST  
 MIT MV SEMINAR HALL\*

\*Online mode for off-campus attendees



## Manipal Centre for Clinical Research

Mezzanine Floor of Old KMC Library Building, Near Old KMC Dean Office,  
Kasturba Hospital, Manipal – 576 104

Director - Dr Satish Rao

Phone Number: Ext: 23439

Email id: rao.satish@manipal.edu

Dean/Director/HOD Email: rao.satish@  
manipal.edu

Deputy Director – Dr Veena Kamath

Email id: veenak@manipal.edu

Phone number: 9845304647

Established: since 2010

### Programs:

- Latest ICH-GCP (International Conference on Harmonization-Good Clinical Practice) training for all doctors in the year 2018

### About Institution/School

Manipal Centre for Clinical Research (MCCR) is the threshold for the globally conducted clinical trials at Manipal and it envisages the conduct of trials as per GCP (Good Clinical Practice) and

generates credible and ethical good quality data for further submissions to the sponsors. The institution is backed up by a qualified and deft team. The team has got the responsibility of assisting and coordinating with the concerned doctors who are the principal investigator or co-investigator for the study. The team helps them in recruiting the patients for the study by pre-screening on their OPD (Out-Patient Department) days and from their database. Study coordinators are responsible for all the documentation related to the studies and corresponding with the Ethics Committee, Sponsors, and the Clinical Research Organizations. Clinical Trials of Phase II, III and IV are conducted under MCCR.

MCCR have started conducting studies like Registry studies, Ayurveda studies, and Ultrasound machine studies. Device studies (Stent) are also conducted under MCCR, Manipal.

### Institutional activities/curricular activities:

#### New Initiatives (Only new program for that year and new centres started, if any):

Sl. No.	Activity	Particulars
1	ICH-GCP Training Program for the clinicians	Good Clinical Practice related to the clinical trials was conducted on 7 December 2018. Around 60 clinicians participated from Mangalore and Manipal KMC, Hospital. The program was a grand success. It was so informative for the doctors on clinical trial practice. It was sponsored and conducted by the Pfizer Pharmaceutical Company.

### Details of Research Grants: ONGOING TRIALS

Sl. No.	Project Name	Principal Investigator	Funding Agencies	Total Grants Received (INR)
1	Observational study on Type 2 Diabetes Mellitus for macro and microvascular complications in three years	Dr M M Prabhu	Sanofi	14,000/- per subject
2	Observational study on Type 2 Diabetes Mellitus for macro and microvascular complications in three years	Dr Raviraj	Sanofi	14,000/- per subject

Sl. No.	Project Name	Principal Investigator	Funding Agencies	Total Grants Received (INR)
3	A phase III randomized, open-label (Sponsor blind), active-controlled, parallel-group, multicentre, an event-driven study in non-dialysis subjects with anaemia associated with chronic kidney disease to evaluate the safety and efficacy of Daprodustat compared to darbepoetin alfa.	Dr Ravindra Prabhu	PPD	4,79,151/- per subject
4	A long-term extension study to evaluate the safety of Filgotinib in subjects with ulcerative colitis.	Dr Ganesh Pai, PI changed to Dr Shiran Shetty	KlinEra	6,25,289/- per subject
5	Combined Phase 2b/3, double-blind, randomized, placebo-controlled studies evaluating the efficacy and safety of Filgotinib in the induction and maintenance of remission in subjects with moderately to severely active ulcerative colitis.	Dr Ganesh Pai, PI changed to Dr Shiran Shetty	KlinEra	9,06,023/- per subject
6	A long-term extension study to evaluate the safety of Filgotinib in subjects with Crohn's disease.	Dr Ganesh Pai PI changed to Dr Shiran Shetty	KlinEra	6,39,269/- per subject
7	A combined phase II double-blind, randomized, placebo-controlled studies evaluating the efficacy and safety of Filgotinib in the induction and maintenance of remission in subjects with moderately to severely active Crohn's disease	Dr Ganesh Pai PI changed to Dr Shiran Shetty	KlinEra	8,92,530/- per subject
8	A randomized, double-blind, placebo-controlled Phase II study to evaluate the testicular safety of the study drug in adult males with moderately to severely active ulcerative colitis	Dr Ganesh Pai PI changed to Dr Shiran Shetty	KlinEra	2,91,000/- per subject
9	A randomized, double-blind, parallel-group, Phase III trial to compare the efficacy, safety, and immunogenicity of TX05 with Herceptin® in subjects with HER2 positive early breast cancer.	Dr Krishna Sharan	JSS	3,15,843/- per subject
10	A randomized, double-blind, multicentric, placebo-controlled, Phase III study assessing the efficacy and safety of Intra-Articular Administration of Stempeucel® (Adult Human Bone Marrow-Derived, Cultured, Pooled, Allogeneic Mesenchymal Stromal Cells) in patients with Osteoarthritis of the knee	Dr Vivek Pandey	Stempeutics	95,908/- per subject
11	A randomized, double-blind, parallel-group, Phase III Study to compare the efficacy, safety, and immunogenicity of proposed Rituximab Biosimilar (DRL_RI) with MabThera® in subjects with previously untreated, Stage II-IV, cluster of differentiation (CD)20-positive, low Tumour Burden Follicular Lymphoma	Dr Karthik Udupa	Dr Reddy's	3,00,000/- per subject
12	Scrub Typhus – Interest Trial Intravenous Treatment for Scrub Typhus	Dr Kavitha Saravu	DBT, Vellore	5,00,000 Budget

Sl. No.	Project Name	Principal Investigator	Funding Agencies	Total Grants Received (INR)
13	Study Title:- A multicentre, randomized, double-blind, placebo-controlled, multiple-dose study to evaluate the efficacy and safety of VIS649 in participants with Immunoglobulin A (IgA) Nephropathy	Dr Ravindra Prabhu	George Clinical	6,50,000/- per subject
14	Safety and efficacy of Transarterial Chemoembolization with Lipiodol® in the treatment of inoperable Hepatocellular Carcinoma (HCC) in Indian Patients, Phase IV Clinical Trial	Dr Ananth Pai	Siro Clinpharm	3,00,000/- per subject
15	A Phase III, double-blind, placebo-controlled, multicentre International Study of Neoadjuvant/Adjuvant Durvalumab for the treatment of Patients with Resectable Stages Two and Three Non-small Cell Lung Cancer (AEGEAN)"	Dr Karthik Udupa	AstraZeneca Pharma India	2,70,000/- per subject
16	C3591024: A Phase 2a, two-part, open-label, non-randomized, multicentre, single and multiple-dose Trial to Evaluate Pharmacokinetics, safety and tolerability of Ceftazidime and Avibactam in Neonates and Infants From birth to less than 3 months of age with suspected or confirmed infections due to Gram-Negative Pathogens requiring Intravenous Antibiotic Treatment	Dr Leslie Lewis	Pfizer	Cohort 1: 30,000/- per subject Cohort 2: 50,000/- per subject
17	A phase III double-blind, randomized, placebo-controlled study assessing the efficacy and safety of Capivasertib+Abiraterone Versus Placebo+Abiraterone as a treatment for patients with De Novo Metastatic Hormone-Sensitive prostate Cancer (mHSPC) characterized by PTEN deficiency (Captilello-281)	Dr Karthik Udupa	AstraZeneca Pharma India	2,80,000/- per subject
18	A randomized, double-blind, multicentre, placebo-controlled phase III study with an open-label period to evaluate the efficacy and safety of inebilizumab in adults with myasthenia gravis	Dr Aravind Prabhu	Medpace	6,49,000/- per subject
19	A single-blind, randomized, study comparing clinical equivalence of PD Synth and PDS, slowly absorbed polydioxanone sutures, for abdominal fascial closure following elective/emergency midline laparotomy	Dr Stanley Mathew	PD Synth	6,000/- per patient
20	A Phase III randomized, double-blind, placebo-controlled study to evaluate the efficacy and safety of Rilematovir in Infants and Children ( $\geq 28$ days to $\leq 5$ years of age) and subsequently in Neonates ( $< 28$ days of age), hospitalized with Acute Respiratory Tract Infection Due to Respiratory Syncytial Virus (RSV)	Dr Leslie Lewis	Jansen and Jansen	3,00,000/- per patient

Sl. No.	Project Name	Principal Investigator	Funding Agencies	Total Grants Received (INR)
21	CTQJ230A12301 A randomized double-blind, placebo-controlled, multicentre trial assessing the impact of lipoprotein (a) lowering with TQJ230 on major cardiovascular events in patients with established cardiovascular disease	Dr Tom Devasia	Novartis	2,75,000/- per patient
22	A Phase IIIB, multicentre, randomized, double-blind, placebo-controlled, clinical efficacy study of Baloxavir Marboxil for the reduction of Direct transmission of Influenza from Otherwise Healthy Patients to Household contacts	Dr Varma	Roche	38,000/- per patient
23	Title of Project: A randomized, double-blind, placebo-controlled, multicentre trial, assessing the impact of inclisiran on major adverse cardiovascular events in participants with established cardiovascular disease (VICTORION-2 PREVENT)	Dr Tom Devasia	Novartis	1,78,000/- per subject
24	DESTINY-Breast11 is being carried out to see whether T-DXd is effective in treating patients with early, HER2+ breast cancer	Dr Ananth Pai	AstraZeneca	8,67,570/- per subject
25	Effects of ziltivekimab versus placebo on cardiovascular outcomes in participants with established atherosclerotic cardiovascular disease, chronic kidney disease and systemic inflammation	Dr Tom Devasia	Novo Nordisk	2,75,605/- per subject
26	A Phase III, randomized, controlled, multicentre, 3-arm study of neoadjuvant osimertinib as monotherapy or in combination with Chemotherapy versus Standard of Care Chemotherapy Alone for the treatment of patients with Epidermal Growth Factor Receptor Mutation Positive, Resectable Non-small Cell Lung Cancer (NeoADAURA)	Dr Karthik Udupa	Astra Zeneca	3,00,000/- per subject



## Manipal Centre for Clinical Research

Address: 7th floor, Kasturba Medical College Hospital, Attavar, Mangalore - 575001

Director: Dr B S Satish Rao  
 Phone Number: +91 9901201982  
 Email id: rao.satish@manipal.edu

Deputy Director: Dr Ashwin Kamath  
 Email id: ashwin.kamath@manipal.edu  
 Phone number: +91 9844262808  
 Name of the Director: Dr B S Satish Rao  
 Established: since 2010

### About Institution

Manipal Centre for Clinical Research (MCCR), Mangalore is responsible for coordinating the conduct of clinical trials at the Mangalore campus by providing manpower support to principal investigators, i.e., faculty of Kasturba Medical College (KMC), Mangalore. The centre facilitates coordinating and liaising with the various

departments, such as the ethics committee, legal and finance departments; ensuring a smooth and streamlined documentation process. The centre also ensures that the clinical trials are conducted in accordance with the national and international regulatory and ethical guidelines, such as the Good Clinical Practice guidelines and New Drugs and Clinical Trials rules. MCCR has well-trained study coordinators and nurses who assist the principal investigators in conducting these clinical trials in accordance with the study protocol. The centre has been involved in the conduct of several Phase-II to Phase-IV trials with various study designs, providing services to national as well as international sponsors and clinical research organizations.

### Details of Research Grants: (Completed or ongoing in 2021)

SI No	Project Name	Principal Investigator	Funding Agencies	Total Grants Received (INR)
1.	Improve SCA Bridge Study	Dr Narasimha Pai	Medtronics India Pvt Ltd	20,330/- Subject
2.	<b>Protocol No. TMC278HCX3001</b> Open-label study with Rilpivirine in Treatment-naïve Indian Subjects with HIV-1 infection to determine safety and efficacy of RISE	Dr John T Ramapuram	Johnson & Johnson	1,60,880/- Subject
3.	<b>Protocol No. GA29102</b> Phase-III, randomized, double-blind, placebo-controlled, multicentre study to evaluate the efficacy (maintenance of remission) and safety of etrolizumab compared with placebo in patients with moderate to severe active ulcerative colitis who are naive to TNF Inhibitors	Dr B V Tantry	IQVIA RDS (India) Pvt Ltd	3,27,527/- Subject
4.	<b>Protocol No. 14V-MC-JADY</b> A Phase-III multicentre study to evaluate the long-term safety and efficacy of baricitinib in patients with Rheumatoid Arthritis	Dr Surendra Kamath	IQVIA RDS (India) Pvt Ltd	2,06,670/- Subject



SI No	Project Name	Principal Investigator	Funding Agencies	Total Grants Received (INR)
5.	<b>Protocol No. SRPL/OA/16-17/001</b> A randomized, double-blind, multicentre, placebo-controlled, Phase-III study assessing the efficacy and safety of Intra-Articular Administration Of Stempeucel® (Adult Human Bone Marrow derived, cultured, pooled, allogeneic mesenchymal stromal cells) in patients with osteoarthritis of the knee	Dr Surendra Kamath	ECRON ACUNOVA LTD	1,03,900/- Subject
6.	<b>Protocol No. AGB002</b> A randomized, double-blind, multicentre, multinational trial to evaluate the efficacy, safety, and immunogenicity of SAIT 101 versus Rituximab as a first-line immunotherapy treatment in patients with Low Tumor Burden Follicular Lymphoma	Dr Sourjya Banerjee	IQVIA RDS (India) Pvt Ltd	2,15,092/- Subject
7	<b>Protocol No. MYL-DOL-4001</b> An open-label, multicentre, prospective, Phase-IV interventional study to evaluate the safety, tolerability, and efficacy of Dolutegravir (50 mg once daily) in treatment naïve adult Indian subjects infected with HIV-1, eligible to receive Dolutegravir with Tenofovir and Lamivudine	Dr John T Ramapuram	JSS Medical Research India Pvt Ltd	50,050/- Subject
8	<b>Protocol No. GS-US-417-0304:</b> A multicentre, open-label, long-term extension study to assess the safety and efficacy of Filgotinib in subjects with Rheumatoid Arthritis	Dr Surendra Kamath	KlinEra Global Services	12,28,611/- Subject
9	<b>Protocol No. GA28951</b> An open-label extension and safety monitoring study of moderate to severe ulcerative colitis patients previously enrolled in Etrolizumab Phase-II/III studies	Dr B V Tantry	IQVIA RDS (India) Pvt Ltd	7,01,627/- Subject
10	<b>Protocol No. GS-US-418-3898</b> Combined Phase-IIb/III, double-blind, randomized, placebo-controlled studies evaluating the efficacy and safety of Filgotinib in the induction and maintenance of remission in subjects with moderately to severely active ulcerative colitis	Dr B V Tantry	KlinEra Global Services	10,06,725/- Subject
11	<b>Protocol No. IND-HEALTHIUM-TRUSILK-2019-1</b> A single-blind, randomized study comparing clinical equivalence of Trusilk® (Healthium) and Mersilk® (Johnson & Johnson) silk suture, for primary closure of mucosa in subjects undergoing planned surgical removal of mesioangular impacted mandibular third molar	Dr Dharnappa Poojary	Healthium Medtech Pvt Ltd	3,340/- Subject

SI No	Project Name	Principal Investigator	Funding Agencies	Total Grants Received (INR)
12	<b>Protocol No. ALK10/ENZ110-ROMI</b> A prospective, multicentre, randomized, double-blind study to compare the efficacy and safety of ENZ110 (similar biologic of Romiplostim) Vs Innovator Romiplostim in patients with chronic immune thrombocytopenia (ITP)	Dr Prashantha Bhat	Alkem Laboratories	78,000/- Subject
13	<b>Protocol No. DESI.18.001</b> A Phase-III, multicentre, multi-country, open-label, randomized, active-controlled clinical trial to evaluate the efficacy and safety of Desidustat versus Darbepoetin for the treatment of anaemia in patients with Chronic Kidney Disease (CKD) who are not on dialysis	Dr Mayoora Prabhu	Zydus Cadila	68,100/- Subject
14	<b>Protocol No. BGBC020</b> A multicentre, Phase-II, randomized study to assess the efficacy and safety of Bemcentinib for the treatment of COVID-19 in hospitalized patients	Dr John T Ramapuram	IQVIA RDS (India) Pvt Ltd	3,80,728/- Subject
15	<b>Protocol No. GS-US-419-3896</b> A long-term extension study to evaluate the safety of Filgotinib in subjects with Crohn's Disease	Dr B V Tantry	KlinEra Global Services	22,11,442/- Subject
16	<b>Protocol No. GS-US-418-3899</b> A long-term extension study to evaluate the safety of Filgotinib in subjects with Ulcerative Colitis	Dr B V Tantry	KlinEra Global Services	8,64,975/- Subject
17	<b>Protocol No. CT/TRYP+CHYM+DICL/STI/15</b> A multicentric, randomized, prospective, open-label, comparative, parallel-group Clinical Trial to evaluate the efficacy and safety of a fixed-dose combination of Trypsin - Chymotrypsin Enzyme and Diclofenac oral Tablet in comparison with Diclofenac oral Tablet in the management of acute inflammation due to soft tissue injuries	Dr Surendra Kamath	Torrent Pharmaceuticals Ltd	17,420/- Subject
18	<b>Protocol No. GS-US-418-4279</b> A randomized, double-blind, placebo-controlled Phase-II study to evaluate the testicular safety of Filgotinib in adult males with moderately to severely active inflammatory bowel disease	Dr B V Tantry	KlinEra Global Services	11,19,921/- Subject
19	<b>Protocol No. GRC 27864-201</b> A Phase-II dose-range finding 12-week, double-blind, randomized, parallel-group study to evaluate the safety and efficacy of GRC 27864 in patients with moderate osteoarthritis pain	Dr Surendra Kamath	Glenmark Pharmaceuticals	30,000/- Subject

SI No	Project Name	Principal Investigator	Funding Agencies	Total Grants Received (INR)
20	<b>Protocol No. SB3-G31-BC-E</b> A long-term follow-up study for cardiac safety in patients with human epidermal growth factor receptor (HER2) positive, early, or locally advanced breast cancer who have completed the SB3-G31-BC	Dr Sourjya Banerjee	IQVIA RDS (India) Pvt Ltd	18,443/- Subject
21	<b>Protocol No. 1199.272</b> Active surveillance to monitor the real-world safety in Indian patients prescribed Nintedanib for the treatment of locally advanced, metastatic, or recurrent Non-Small Cell Lung Cancer (NSCLC) of adenocarcinoma tumour histology after first-line chemotherapy	Dr Sourjya Banerjee	Boehringer Ingelheim India Pvt Ltd	10,887/- Subject
22	<b>Protocol Number ALK20-SPI2</b> A randomized, double-blind, multicentric, parallel-group, Phase III clinical trial to evaluate the efficacy and safety of 5% Spironolactone Topical Cream versus Placebo in Patients with Acne Vulgaris	Dr Pramod Kumar	Alkem Laboratories	18,500/- Subject
23	<b>Protocol No. RSV MAT-009</b> A Phase III, randomized, double-blind, placebo-controlled multi-country study to demonstrate the efficacy of a single dose of unadjuvanted RSV Maternal vaccine, administered IM to pregnant women 18 to 49 years of age, for prevention of RSV associated LRTI in their infants up to 6 months of age	Dr Priya Ballal	GSK	1,72,800/- Subject
24	<b>Protocol No. 17775A</b> Open-label, flexible-dose study of vortioxetine in patients with major depressive disorder in India	Dr Keshava Pai	IQVIA RDS (India) Pvt Ltd	49,977/- Subject
25	<b>Protocol No. NN9500-4656</b> Efficacy and safety investigation of NNC0194-0499 co-administered with semaglutide in subjects with non-alcoholic steatohepatitis: a dose-ranging, placebo-controlled trial.	Dr B V Tantry	Novo Nordisk	6,75,068/- Subject



## Dr TMA Pai Endowment Chair Awardees for the year 2020

Sl. No	Name of the Chair	Name of the Awardee	
1	Interprofessional education and practice	Dr John H V Gilbert Professor Emeritus, University of British Columbia, Canada Email: johnhvg@mail.ubc.ca Email: john.gilbert@ubc.ca	
2	Qualitative Research	Dr Ajay Bailey Assistant Professor, Population Research Centre, University of Groninger, The Netherlands Email: A.Bailey@rug.nl	
3	Public Health Genomics	<b>Professor Angela Brand</b> MD, PhD, MPH (Johns Hopkins, USA) Full Professor for Social Medicine and Public Health Genomics, Institute for Public Health Genomics (IPHG) Cluster of Genetics and Cell Biology Faculty of Health, Medicine and Life Sciences, Maastricht University, The Netherlands Email: a.brand@maastrichtuniversity.nl	
4	Health Informatics	Dr Anoop Rao MD, MS, Fellow Neonatology, Lucile Packard Children's Hospital, Stanford, 750 Welch Road, Suite 315, Palo Alto, CA 9430 Email: anooprao@stanford.edu	
5	Health Demography	Dr Tobias Vogt Faculty of Spatial Sciences, Department of Demography, Landleven 1, NL-9747 AD Groningen, The Netherlands E-mail: t.c.vogt@rug.nl	
6	Regulatory Sciences	Dr Lada Leyens Vogelmatt 4, CH-6216 Mauensee, Switzerland, E-mail: L_leyens@hotmail.com	
7	Research Policy in Biomedical Sciences and Public Health.	Dr Nikolaos Evangelatos Kobergerstrasse 32, DE-90408 Nuremberg, Germany, E-mail: nikos.evangelatos@gmail.com	

## Manipal Centre for Biotherapeutics Research, Manipal

Address: Manipal Centre for Biotherapeutics Research Behind 10th Block MIT Hostel,  
Manipal - 576104

Phone Number: 0820 2928501/2928504

Email-Office: [mabr.mahe@manipal.edu](mailto:mabr.mahe@manipal.edu)

Coordinator Email: [raviraja.ns@manipal.edu](mailto:raviraja.ns@manipal.edu)



Name of the Coordinator: **Dr Raviraja N S**

Established: **2021**

Details of Programs offered by the Institution:

- MSc (By Research) in Biotherapeutics
- PhD

Manipal Centre for Biotherapeutics Research (MCBR) is among the pioneering institutions offering MSc, PhD, and postdoctoral programs in Biotherapeutics. The academic programs (MSc by Research and PhD) offered by MCBR are equipped to fully exploit the potential of these novel and cutting-edge therapeutic avenues

by translational research. The strength of these courses is biotechnology industry-oriented training to create the best workforce. The MSc (By Research) in Biotherapeutics program at MCBR will help both industry partners and MCBR fully exploit the potential of novel and cutting-edge therapeutic avenues by carrying out innovative research in Biotherapeutics. This two-year translational program comprises one-semester classroom coaching on theory and practical approaches to Biotherapeutic discovery and

development that includes cell and gene therapy products, engineered protein, and biomaterials for therapy. Bioprocess engineering principles of biochemical technologies and engineering in the large-scale cultivation of cells and cellular products to produce therapeutic and relevant products. In addition, pharmaceutical regulatory affairs will be imparted to provide fundamental knowledge on regulations and legislations on manufacturing, import and export registration, and sale and marketing authorization for drugs and cosmetics, medical devices, and biologicals in India. Pharmaceutical quality assurance covers various aspects of quality control in the pharmaceutical industry. It also covers essential elements like cGMP, QC tests, documentation, quality certifications, GLP, and Regulatory Affairs. The MSc course comprises intense three-semester practical training and research work intended to carry out either in industry, institutions, or MCBR. The industrial internship experience will equip aspiring postgraduates for a successful career in Biopharma in the areas of Biotherapeutics.

#### **About Institution/School:**

Manipal Centre for Biotherapeutics Research (MCBR) envisions carrying out innovative research, process, and product to develop Biotherapeutics (biologics or biotech drugs) with a broad remit covering various biological products with therapeutic potential in humans, mainly in the areas of the cell, gene, protein, nanotechnology, regenerative medicine, and biomaterials. Aims to:

- Develop capabilities to carry out innovative research, process, and product development in the area of biotherapeutics.
- Develop active research collaboration with global Biopharma companies. Facilitate Biopharma companies to establish collaborative research units at MAHE Research objectives.
- Identification/Discovery/Innovation of novel biotherapeutic agents and their target sites for chosen disease indications.
- Isolation, purification and scale-up manufacturing technologies and formulation development.
- Process improvements, fill-finish validations, packaging solutions, documentation, and IP filing.
- In-vitro, preclinical, stability studies and early phase/investigator-led clinical studies of relevant biotherapeutic agents for chosen disease indications.
- Out licensing IPs to Biopharma companies, technology transfer and consultancy support Masters, PhD, and Postdoctoral programs in Biotherapeutics.
- The curriculum to involve product development, product characterization, formulation studies, drug delivery mechanisms, in-vitro, and preclinical research, scale-up technologies, and a fair knowledge of the regulatory framework.
- Impart training to Industry personnel on contemporary tools and techniques required in Biopharma research MCBR – Industry Partnership MCBR has a provision to facilitate Biopharma companies with GMP lab/infrastructure to start MAHE-Pvt Partnership research unit at MAHE at very nominal cost or potential option to outsource translational research projects to MCBR.

Details of Guest Visit (lectures, collaboration, visitors on campus)

Guest Lectures:

Sl. No.	Visitor	Name of the Organization	Purpose of Visit	Date of Visit
1	Dr (Lt Col) Pawan Kumar Gupta		Invited speaker (Webinar) - Stem Cell Therapy for Diabetes -MYTH or REALITY	15 November 2021

Details of Publications:

National		International	
Indexed	Non - Indexed	Indexed	Non - Indexed
1	0	0	0

Conferences attended by Institution faculty and students:

Faculty		Student	
National	International	National	International
3	0	0	0



# Fulfilling Social Responsibilities



## Rural Maternity and Child Welfare Home (RMCWH)

The Rural Maternity and Child Welfare (RMCW) Homes were established by our founder, Late Dr TMA Pai with the active participation of the local community, at a time when the transport and communication network in the taluk was rudimentary. The area covers a population of 40,000 spread out across 11 villages in the coastal area of Udupi taluk. A network of five RMCW Homes located at Alevoor, Kaup, Malpe, Udyavara, and Kadekar villages, not only provides maternal and child health services but also takes care of minor ailments in the community. The Malpe centre initiated a Community Cancer Screening Clinic in the year 2012. Besides Malpe, all the other centres provide screening facilities for non-communicable diseases. The centre also conducts interdisciplinary activities with the Department of Physiotherapy, Psychiatry and College of Dentistry. These centres are under the direct administrative control of the Department of Community Medicine, Kasturba Medical College, Manipal. Each centre is staffed by two Auxiliary Nurse Midwives (ANM), one ayah and a sanitary worker.



Each household's health and demographic data from the FPA (Field Practice Area) is captured using digitized health and demographic surveillance system.

Total Population	39,673
Outpatients (General)	9,939 in 2021
Outpatients (OBG)	622 in 2021
Outpatients (Paediatric)	3,447 in 2021
Referred to Kasturba Hospital	195 in 2021
IUCD (Intrauterine Contraceptive Device (IUCD)	33 in 2021

Rates	CBR	CDR	IMR	ANC coverage (%)	Institutional deliveries (%)	Immunization coverage (%)
Project area	5.12/1000 population	9.17/1000 population	0/1000 Live Births	100	100	100
Karnataka	*16.9/1000 population	*6.2/1000 population	#25.4/1000 Live Births	#70.9	#97	#88.3

\*Source: SRS Oct 2021

# Source: NFHS-5



## Dr TMA Pai Rotary Hospital, Karkala

(Rural Health Training Centre, Department of Community Medicine, KMC, Manipal) Associate Hospital of the Manipal Academy of Higher Education (MAHE) - Manipal

Dr TMA Pai Rotary Hospital, a 100-bed unit, has been providing quality healthcare to the people at Karkala Taluk. Karkala is one of the Taluks of Udupi District in coastal Karnataka and has a population of about 3,00,000 spread over the town and the surrounding villages numbering around 56. In view of the demand and need of the people, especially from rural areas, for affordable and quality medical care, the Rotary Club of Karkala and Manipal Group took the initiative to set up a Healthcare facility in Karkala. In 1985, Kasturba Hospital, Manipal in association with the Rotary Club started weekly outreach camps at Karkala. The overwhelming response to camps led to the formation of a Mother and Child Health Hospital in this town in 1987 with 10 beds. In 2003, the Ophthalmology unit was started in association with the Rotary Club, which received the 3H grant from Rotary Foundation and generous contributions from philanthropists. People belonging to almost all the villages of the Taluk utilize the services of this hospital. At present, the hospital provides essential healthcare in Obstetrics, Gynaecology, Paediatrics, Ophthalmology, General Medicine, Anaesthesia, Cardiology, Neurology, Dermatology, ENT, Psychiatry, Orthopaedic, Nephrology and Palliative Medicine.

This project is a classic model of how private organizations like MAHE and NGOs like Rotary Club and the community itself, can come together to provide quality healthcare to the needy people at an affordable cost. Currently, the hospital provides 24 hours patient service including emergency in Obstetrics and Gynaecology, Paediatrics, General Medicine, General Surgery and Ophthalmology. This

includes facilities like fully equipped operation theatres and Labour rooms, Basic Neonatal Intensive Care Unit, Contact lens clinic, Physiotherapy, 3D Ultrasound, Laboratory, X-ray, ECG etc. The hospital provides weekly OPD services in Psychiatry, Clinical Psychology, Neurology, Oncology, Orthopaedics and Dermatology. A community cardiology centre has been established in 2017 in association with the Rotary Club to take up non-invasive cardiac screening using Echocardiography, ECG, TMT and Holter as well as to conduct screening camps and health education sessions in the community targeting cardiac diseases. Digitalization of patient billing and X-ray and upgradation of laboratory services has been completed. The hospital gets about 55,000 outpatients and 4,000 inpatients annually. Around 1,000 childbirths occur in this hospital every year.

In June 2021, the hospital empanelled its healthcare facility by establishing the dialysis unit with the support of Rotary Club Manipal (Global grant project- GG2121465-202-21)

During the tough time of COVID-19, the hospital had taken the initiative to start a COVID-19 swab collection centre and a total of 3,682 RTPCR swabs were collected, and 1,032 RAT tests were done free of cost. We have successfully administered 5,777 doses of COVID-19 vaccines.

The hospital has been awarded the Kayakalp certificate from the Ministry of Health and Family Welfare, Government of India for the year 2019-20 adding a feather in its cap. It has also been certified with ISO 9001:2015 and 14001:2015

and has received Pre-Accreditation Entry Level from National Accreditation Board for Hospitals and Healthcare Providers (NABH), Quality Council of India with effect from 24 September 2019 and recertified on 24 September 2021.

After the accomplishment of the various milestones mentioned above, the hospital, till date, continues to conduct community health camps. In the year 2021 Dr TMA Pai Rotary hospital has conducted 23 camps with 1,806 beneficiaries, blood donation camps are conducted quarterly and they have successfully

collected units of blood which has helped patients with medical conditions that require blood or blood products regularly.

The hospital is attached to Community Medicine Department, KMC Manipal as a Rural Health Training Centre and imparts training to medical undergraduate students, interns, and postgraduate students of various



## Extension of medical facilities post-transition of Manipal Arogya Suraksha Program.

Manipal Arogya Suraksha, a comprehensive healthcare scheme initiated by MAHE and inceptioned during the year 2006 had to be dispensed with due to certain technical challenges.

The scheme was successful and hence it was the most sought-after program by the public. To ensure that the members continue to get the required medical facilities at an affordable cost, MAHE arranged for a direct tie-up between Manipal Cigna Health Insurance company Ltd and various groups who were earlier associated with MAHE under Manipal Arogya Suraksha Scheme.

For the year 2020-21, MAHE assisted Manipal Cigna Health Insurance company to sign up with nine clusters with 74,937 families which comprised 3,09,147 lives. For the policy period 2020-21, 9,306 members availed of IP facilities and the quantum of benefit in terms of rupee value was Rs. 21.74 Cr. Out of which a sum of Rs.13.47 Cr was extended as concessions by the constituent hospitals of MAHE and the rest (Rs. 8.27 Cr) was paid by Manipal Cigna Health Insurance company Ltd as settlement of claims.

In addition to the above, constituent hospitals also extended free and concessions under Outpatient department to an extent of Rs 3.15 Cr. Thus, the total cost of medical benefits availed by the members who were enrolled under the scheme stood at Rs.24.89 Cr for this review period. The total premium paid by these nine clusters to Manipal Cigna Health Insurance company Ltd was Rs.9.01 Cr inclusive of GST.

The cluster heads have thanked MAHE for the assistance rendered in completing the entire process of enrolment and placement of policies within a very tight schedule which enabled the members to continue to get the much required medical treatment at affordable cost.

## Volunteer Service Organization (VSO)

### Continuing Volunteer Education

The Continuing Volunteer Education Sessions is an online initiative of VSO that was launched to impart education to volunteers about the development sector. Constitutes a series of webinars aimed to orient the volunteers of VSO towards service and help them become better givers to the community.

#### Session 1: The Joy of Volunteering

Hosts for the Session: Pallavi R Kamath and Alifa Shaikh

Guest Speaker for the session: Ashish Shrivastava, Co-founder of Shiksharth

Objective: To educate the volunteers in the field of volunteering with the speaker sharing his journey, challenges, and outcomes of the selfless service Mr Shrivastava has been part of over more than a decade.

Date: 3 January 2021

Time: 5:00 to 6:00 pm

Forum: MS Teams

At the webinar, 30 volunteers represented every college under MAHE ranging from health sciences and engineering to humanities. The session garnered an overwhelmingly positive response from volunteers who found it informative and inspiring with volunteers saying that they were eager to put into practice what they learned at the webinar. Students found the session very insightful, giving it an average score of 8 on 10, and motivational, all students said that Mr Shrivastava's program had motivated them to accept volunteering. Most students

(26 students, 87 per cent) said that they would like to attend similar sessions in the future. The students reported that some of their specific learning points were – the need for volunteering especially during the pandemic, opportunities for volunteers and those who wish to accept careers in social service and the joy that helping others can bring to oneself.

#### Session 2: Navigating Psychotherapy

Hosts for the Session: Anupama R John and Maya S Pai

Guest Speaker for the session: Bhavishya Arun Kalyanpur, Clinical Psychologist from the Student Support Centre, MAHE

Objective: To give the volunteers a broad layout of the subject of psychotherapy, its constituents and how to help individuals who seek help to take care of their emotional well-being.

Date: 31 January 2021

Time: 5:00 to 6:00pm

Forum: MS Teams

This session, too, was attended by a mixed bag of students pursuing various courses across wide-ranging disciplines. We were able to collect feedback and post-session assessments from 42 of them. We were delighted to note that most students (40, 95 per cent) had a positive experience at the session. Many students particularly liked the question-and-answer sessions and commended Ms Bhavishya for creating a warm atmosphere and using several analogies to simplify learning about mental health. We also had a short post-session

assessment in which most of the students fared well. Most students were able to correctly answer the questions on healthy coping mechanisms (34, 80.9 per cent), when to seek professional help (36, 85.7 per cent), the premise of psychotherapy (27, 64.2 per cent) and what to expect from the first psychotherapy session (30, 71.4 per cent).

### Social Media Promotion:

- Introduction to CVE: 1 post was placed on the VSO Instagram grid
- Answering FAQs for CVE: 2 posts were placed on the VSO Instagram grid
- Introducing CVE session 1: 1 post was placed on the VSO Instagram grid
- Introducing CVE session 2: 1 post and 3 stories were posted on the VSO Instagram grid
- September month **being Suicide prevention awareness month**, social media awareness regarding the importance of mental health was conducted. In this regard, the following social media posts were generated and posted:

Instagram reels regarding

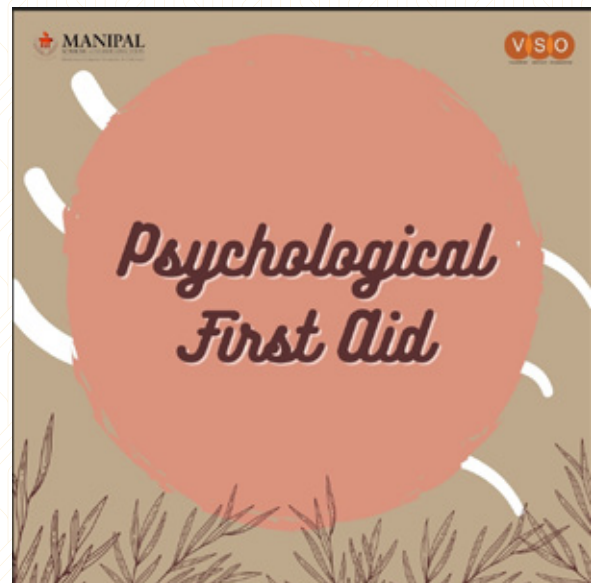
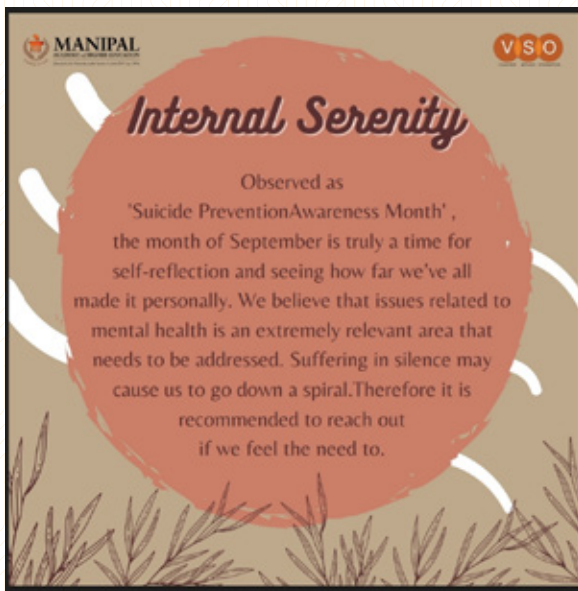
- 1) Anxiety disorders myth busters: 10,700 views
- 2) Breaking the Stigma surrounding mental health: 1,027 views
- 3) Common myths regarding therapy: 3,102 views

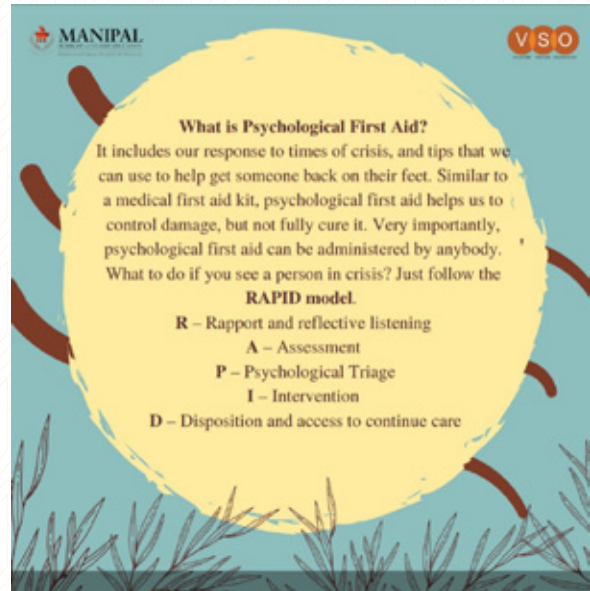
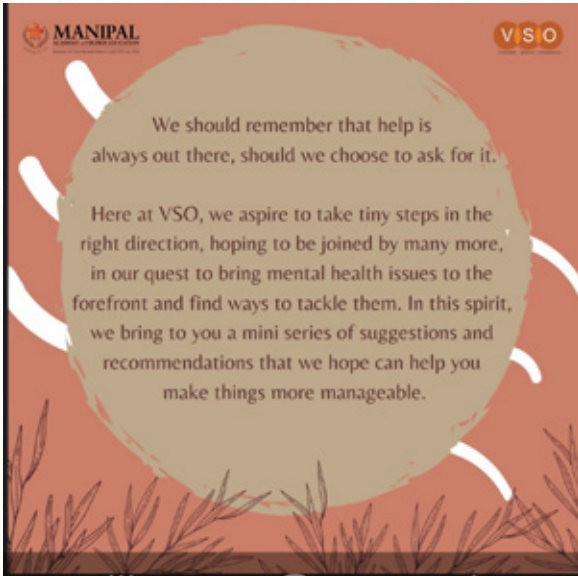


Additionally, three infographic posts were posted:

- 1) Internal Serenity: 5 September 2021
- 2) Psychological First Aid: 7 September 2021
- 3) How mental health has changed over time: 9 September 2021

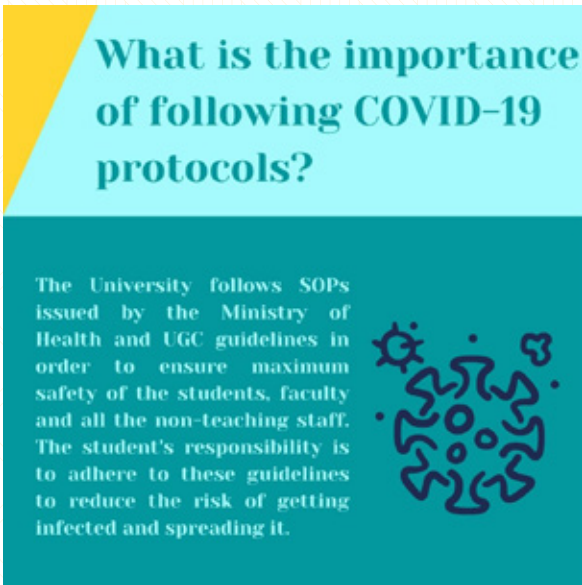
### VSO Brochure:



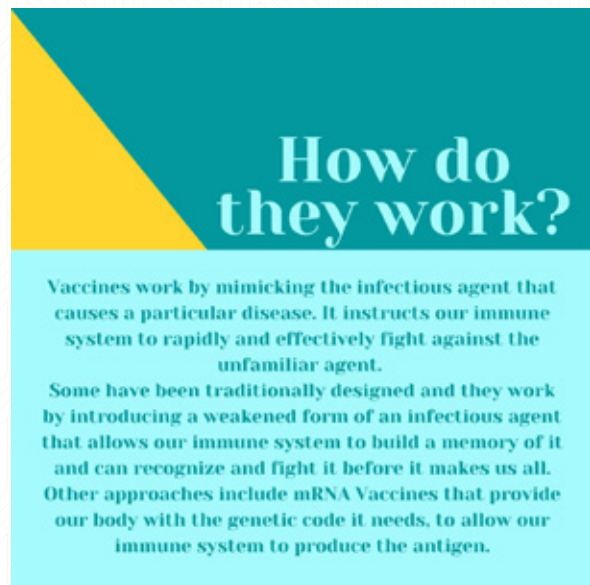


- Information regarding COVID-19 awareness was also posted in three subsequent infographics:

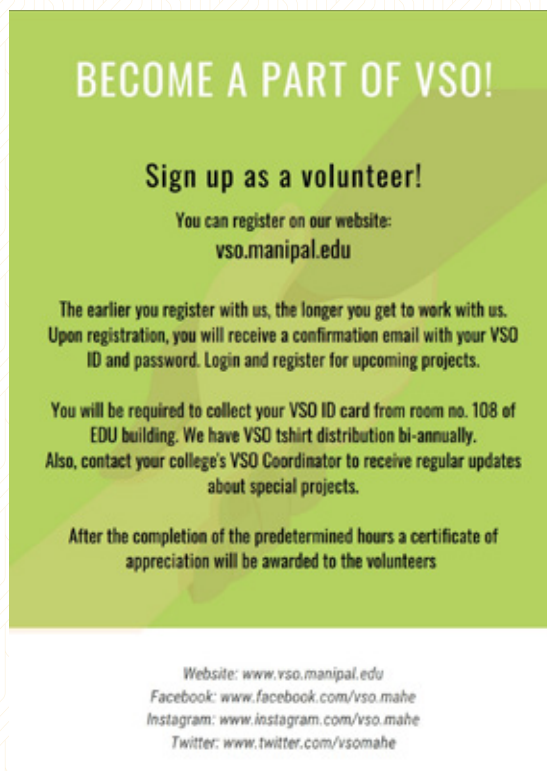
1. Safety within the campus



2. Delta Variant










An official VSO brochure which provides essential information regarding VSO to new volunteers and students was generated and circulated.






## Daan Utsav, 2021


Daan Utsav (DU) 2021, was conducted in both online and offline mode. The following were the projects conducted:

Project Name	Description	College	Date	No. volunteers	Mode
 1) Tale as old as time	The project focused on recording videos for the children at Anganwadis and even the special needs people at ASARE. The videos were of a person/volunteer narrating a short moral story (5 to 10mins) and all these videos were then sent across.	KMC	4 October 2021	5-6	Online
 2) BOONDH - blood donation campaign	The volunteers made a video and a brochure reaching out to the public about blood donation, its advantages, contraindications, and requirements so that the general public is also inspired to donate blood and make a difference. Blood donation camps were also organized in the KMC blood bank.	KMC	4 October 2021	8-10	Offline

Project Name	Description	College	Date	No. volunteers	Mode
3) Mask it up 	Masks were made using the clean unused or unwanted clothes in our homes with minimum requirements. These were distributed to the needy and the workers in food courts along with "Thank you" cards.	MSLS	2 October 2021	15-20	Online
4) Thanksgiving	Volunteers made handmade cards as a token of appreciation and distributed them to all workers in the food court.	MSLS	3 October 2021	15-20	Online
5) Bags from rags	Volunteers converted unused tee shirts and made bags out of them and distributed them instead of using plastic bags.	MSLS	4 October 2021	15-20	Online
6) Papercutting	Old newspapers were used to make novelty items such as pen stands.	MSLS	5 October 2021	15-20	Online
7) Gratitude Day	One day was dedicated to the teaching, non-teaching staff and research scholars of the college with fun activities as a token of appreciation for all their hard work.	MSLS	28 October 2021	15-20	Online
8) Stationery donation drive	Stationery items were collected from students and faculty throughout the college and distributed to the children in the cancer ward of Kasturba Hospital.	MCHP	6 October 2021	5	Offline
9) Classroom cleanliness	Volunteers cleaned the classrooms in the college instead of the housekeeping staff.	MCOPS	2 October 2021	40	Offline
10) Skill sharing	Volunteers shared a skill they are good at such as art, craft, singing, and dancing.	MCOPS	3 October 2021	20	Online
11) Beach cleaning  	Volunteers participated in beach cleaning	DOC	3 October 2021	10	Offline
12) Namma Bhoomi 	Volunteers visited Namma Bhoomi in Kundapura and did a session on vocational skills training.	DOC	1 October 2021	10	Offline
13) From sole to soul 	A shoe donation drive was conducted throughout the university where students and faculty donated footwear that they no longer use and donated to an NGO	MMMC	2 October 2021	10	Offline



Project Name	Description	College	Date	No. volunteers	Mode
14) Health and environment 	Volunteers initiated an activity that kept the environment healthy.	MSAP	6 October 2021	6	Online
15) Arpan: cloth donation drive	A cloth donation drive was initiated throughout the university in collaboration with Goonj.	MIT	2 October 2021	5	Offline
16) Seva ko salam	Refreshments and masks were provided to the security guards of MIT.	MIT	5 October 2021	8	Offline
17) Share to care	A donation drive was done for an orphanage Mamatheya Thottilu and collected items were distributed.	MIM	6 October 2021	10	Offline
18) Switch to sustainable menstrual products 	An awareness video on the use of sustainable menstrual products was made and shared.	MIM	6 October 2021	5	Online
19) Annadaan 	A five-course nutritious lunch was made and served in a government school near Kadiyali.	WGSHA	1 October 2021	10	Offline
20) Akkareya Poshane 	Nutritional awareness among the housekeeping staff was conducted.	PSPH	5 October 2021	10	Offline
21) Health awareness session for the LGBTQ community	A session on health awareness among the LGBTQ community was done.	PSPH	6 October 2021	10	Online
22) COVID-19 infographics	Posters and videos regarding COVID-19 awareness were done	PSPH	5 October 2021	5	Online
23) Dental camps	A dental camp was conducted in Kapu alongside general health and COVID-19 precautions	MCODS	4 October 2021	10	Offline
24) Thanksgiving	As a token of appreciation, a small thanksgiving session was conducted for the transport department of MAHE.	MSIS	7 October 2021	10	Offline

Project Name	Description	College	Date	No. volunteers	Mode
25) Gratitude to warriors	A video for thanking the COVID warriors was made.	MIC	8 October 2021	8	Online
26) Pustakalaya	The library was set up and academic and other learning material was donated to APS school which would help underprivileged students	TAPMI	2 October 2021	10	Offline
					
27) D - window	The computer lab was set up in APS school to help underprivileged children cope with the technology-prone world.	TAPMI	3 October 2021	10	Offline
					
28) Thank you, meals	Meals were offered to ASHA workers as a token of appreciation for all their hard work.	TAPMI	4 October 2021	10	Offline
29) Cleanliness drive	The cleanliness drive was conducted in and around the areas they are from as an initiative of the PAN India movement.	TAPMI	5 October 2021	10	Offline
					
30) Pet connect	Awareness on how people can adopt pets online was conducted.	TAPMI	6 October 2021	10	Online
31) Blood donation drive	A blood donation drive was conducted in collaboration with the KMC blood bank.	TAPMI	7 October 2021	10	Offline
31) Book exchange	Volunteers exchanged books with people who have something they would need and something they liked to give.	VSO	2 to 8 October 2021	Open for all	Offline
					
32) UMANG	School bags and stationeries were distributed among the kids of the Bijapur colony	VSO	3 October 2021	10	Offline
33) Project Jyothi relaunch	A visit to Asare was restarted	VSO	3 October 2021	10	Offline
34) Seva ko salaam	The security of the KH and Health science department were provided with refreshments as a token of appreciation.	VSO	7 October 2021	20	Offline
35) Plant a sapling	Students planted saplings at their residence/hostel	VSO	2 to 8 October 2021	Open for all	Offline
					
36) On the same page	Donation drive for books useful for children till 12th grade was done.	VSO	10 October 2021	Open for all	Offline



MSLS Gratitude Day



Umang: Bag Donation, VSO



Seva Ko Naman, MIT



Boondh: Blood Donation Drive, KMC



Book Donation Drive, VSO

## VSO Skillshare:

This initiative began during Daan Utsav, between 2 to 8 October to encourage interactions of skilled volunteers with NGOs and provide them with a virtual chance to showcase their skills in a way that can be of use to the community.

The activities performed by the volunteers include poster making, video making and writing.

A list of skillshare activities includes:

Name of NGO/VSO	Requirement	Medium	Date
1) Prithvi Innovations	Awareness on POSCO	Poster	25 September 2021
2) Prithvi Innovations	Awareness on POSCO	Video	25 September 2021
3) Prithvi Innovations	Hair Donation	Poster	15 September 2021
4) VSO	COVID-19 awareness, Daan Utsav Sustainable Development, Mental health awareness	Poster	14 October 2021
5) Artscape	Fundraising Campaign	Poster and video	3 October 2021
6) Prithvi Innovations	Waste management, Plastic-free living	Poster	28 September 2021
7) Daan Utsav UP	Empowering women in Lucknow jail	Poster	2 October 2021
8) MAD Foundation	Expressing gratitude to the armed forces	Poster/Articles	3 November 2021
9) VSO	Posters for DU activities from each college	Poster	2 October 2021
10) Sarvodaya Collective	Awareness on developmental disabilities	Poster	2 October 2021
11) VSO	Spit free India Movement	100 posters	29 October 2021
12) Living my promise	Promotion of Philanthropy	Poster/videos/articles	22 December 2021
13) Living my promise	Dolphin tank promotion video	Video	3 October 2021



Skillshare to NGO's – VSO initiative

### Village adoption Projects:

MAHE has recently acquired Athrady village and we have newly launched several community development projects in the area. Numerous welfare programs have been conducted in conjunction with the rural communities. These include cleanliness drives, refurbishment of libraries, and knowledge sharing in schools. Visits were conducted on 14, 21, and 28 November engaging 20 volunteers each.



Cleanliness Drives



School visits



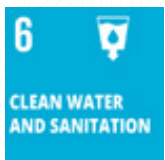
### Sanjeevani weekly visit:

In the Kasturba Hospital paediatric ward, visits have been resumed and a few visits have been conducted to bring a smile to the faces of the children admitted to the paediatric ward. It was kickstarted on Children's Day, 14 November 2021. Visits were conducted on 14, 21, and 28 November engaging 20 Volunteers each.



### Muskaan Weekly visit:

Visits to the slum near End Point have been resumed and were kickstarted during Daan Utsav with the distribution of School bags. Sanitisers and masks were distributed to the children on the next visit and the importance of handwashing techniques and COVID-19 precautions was explained. Visits were conducted on 3 October, 21, and 28 November engaging 20 Volunteers each.





### Day Care Inauguration:

The Day Care Centre at MAHE was launched on 1 December 2021 with the view of children's emotional and social development with the aid of Chief Coordinator, VSO Dr Anup Naha. Ms Pallavi Kamath, VSO HR was the emcee for the event.



### Miscellaneous Social Welfare Services Provided by VSO

Alongside scheduled event organization and promotion by VSO over the year, the organization has also extended its platform on social media to aid in providing individualized social services as understated.

Sl. No.	Date	Service provided
1.	2 January 2021	Emergency Blood donation at Kasturba Medical College, Manipal
2	7 January 2021	Emergency Blood donation at Kasturba Medical College, Manipal
3	8 January 2021	Emergency Blood donation at Kasturba Medical College, Manipal
4	19 January 2021	Emergency Blood donation at Kasturba Medical College, Manipal
5	23 January 2021	Emergency Blood donation at Adarsh Hospital, Udupi
6	28 January 2021	Emergency Blood donation at Kasturba Medical College, Manipal
7	1 February 2021	Emergency Blood donation at Kasturba Medical College, Manipal
8	21 February 2021	Emergency Blood donation at Kasturba Medical College, Manipal
9	13 March 2021	Emergency Blood donation at Kasturba Medical College, Manipal
10	29 March 2021	Emergency Blood donation at Kasturba Medical College, Manipal
11	12, 13, 15 and 16 March 2021	Scribe for fourth-year BPharm student Shreesha for sessional examinations

#### Blood Donation Requests:

Blood donation requests have been streamlined to include only requests which come from the Kasturba Hospital Blood Bank due to shortage.

Sl. No	Date	Blood Group
1	23 September 2021	O+ve
2	29 September 2021	Any
3	17 October 2021	A+ve
4	19 October 2021	O+ve
5	27 October 2021	A+ve, O+ve
6	26 November 2021	O+ve, AB+ve
7	30 November 2021	A+ve







# Significant Events

## Founders Day Celebration



## Independence day



## Republic day



## Sharada Pooja



# World Environment Day





**VII**

# Sports Activities

## Teams Participated and Achievements in All India/ South Zone Inter-University Tournaments 2021 - 22

Sl. No.	Events	Organized by	Date of the Tournaments	Performance	Team Manager
1	All India Inter-University Cross Country Race (M&W) 2021-22	Mangalore University	9 to 10 March 2022	Participated	Dr Upendra Nayak Deputy Director of Physical Education, MIT Manipal
2	All India Inter-University Archery Championship (M&W) 2021-22	Chandigarh University	23 to 28 February 2022	Participated	Dr Sushanth Bhardwaj
3	All India Inter-University Athletic (M) 2021-22	Mangalore University	4 to 7 January 2022	Participated	Dr Narayana Prabhu Assistant Director of Physical Education, MIT, Manipal
4	All India Inter-University Fencing Championship (M&W) 2021-22	Guru Nanak Dev University	7 to 10 January 2022	Participated	Mr Hemanth Lodtha, Team Manager
5	All India Inter-University Karate Championship (M&W) 2021-22	Kurukshetra University	14 to 17 March 2022	Participated	Dr Narayana Prabhu Assistant Director of Physical Education, MIT, Manipal
6	All India Inter-University Swimming Championship (W) 2021-22	Kalinga Institute of Social Science	22 to 26 December 2021	Participated	Mr Gangadhar R Murthy Team Manager
7	South Zone Inter-University Basketball (M) tournament 2021-22	Christ	30 December 2021 to 4 January 2022	Participated	Dr Deepak Ram Bairy Deputy Director of Physical Education, MIT Manipal
8	South Zone Inter-University Table Tennis (M) 2021-22	Reva University	3 to 6 January 2022	Participated	Dr Rajeev M I/C Director of Physical Education, KMC Mangalore

### Intercollegiate tournaments/Competitions:

As usual, our university-level Inter-college competitions were organized and students from all our constituent colleges actively participated in these events. Following are the students' and staff result details:

## MAHE Inter-Collegiate Staff Tournament Results 2022-23

Sl. No	Events	Organized By	Date	Winner	Runner – Up
1	Carom (Men) Singles	DOC, Manipal	8 December 2021	Mr Mohandas Pai (MIC Manipal)	Dr Roshan Nayak (KH, Manipal)
	Carom (Men) Doubles			Mr K Mohandas Pai (MIC, Manipal) and Mr Kishore Kotian (MCOODS, Manipal)	Mr Prashanth (MAHE, Manipal) and Mr Sharath (MAHE, Manipal)
	Carom (Women) Singles			Dr Prathima (MAHE, Manipal)	Dr Shubha H S (MIC, Manipal)
	Carom (Women) Doubles			Dr Shubha H S (MIC, Manipal) and Dr Prathima (MAHE, Manipal)	Dr Veena Nayak (KMC, Manipal) and Dr Sanjitha Kamath (KMC, Manipal)
	Table Tennis (Men) Singles			Dr Sharath M Manya (KMC, Mangalore)	Mr Prabhod Kumar (MSLS, Manipal)
2	Table Tennis (Men) Doubles	MIT MANIPAL	2 December 2021	Dr Shama Prasada (MSLS, Manipal) and Mr Prabhod Kumar (MSLS, Manipal)	Dr T S Murali (MSLS, Manipal) and Dr Satyamoorthy (MSLS, Manipal)
	Table Tennis (Women) Singles			Dr Ramya Vijeta (MCOODS, Manipal)	Mrs Shashiprabha Karanth (MAHE, Manipal)
	Table Tennis (Women) Doubles			Mrs Shashiprabha Karanth (MAHE, Manipal) and Dr Geetha Maiya (MAHE, Manipal)	Dr Ramya Vijeta (MCOODS, Manipal) and Ms Athira R Nair (MCOODS, Manipal)
3	Chess (Men and Women)	WGSHA, Manipal	11 December 2021	Dr Gurumurthy (MIT, Manipal)	Dr Suhas U (KMC, Manipal) Third Place: Dr Sripathi Punchithaya K (MIT, Manipal)
	Badminton (Men) Singles - Below 45 years			Mr Pratheek Jain (MIT, Manipal)	Dr Vishwas Saralaya (KMC, Mangalore)
	Badminton (Men) Doubles - Below 45 years			Dr Vishwas Saralaya (KMC, Mangalore) and Dr Jeedhu Radhakrishnan (KMC, Mangalore)	Mr Kiran Kumar (KH, Manipal) and Dr Darshan (KMC, Manipal)
5	Badminton (Men) Singles - Above 45 years	KMC, Mangalore	5 December 2021	Dr Vishwas Saralaya (KMC, Mangalore)	Mr Ashok (MIT, Manipal)
	Badminton (Men) Double - Above 45 years			Dr Viswasa Saralaya (KMC, Mangalore) and Dr Major Rajesh (KMC, Mangalore)	Dr Ganaraja and Mr Edwin (KMC, Mangalore)
	Badminton (Women) Singles			Ms Preeti Mohanty (MIT, Manipal)	Dr Mranali Shetty (MCOODS, Mangalore)
	Badminton (Women) Doubles			Dr Mranali Shetty and Dr Shwetha	Dr Priya Ballal and Dr Rekha T (KMC, Mangalore)
	Mixed Doubles			Dr Vishwas Saralaya and Dr Rekha T, (KMC, Mangalore)	Mr Akshay and Ms Preethi Mohanty (MIT, Manipal)

Sl. No	Events	Organized By	Date	Winner	Runner – Up
6	Basketball	MCODS, Manipal	17 January 2022	KMC, Mangalore	MAHE, Manipal
7	Volleyball (Men and Women)	MSIS, Manipal	3 and 4 January 2022	KH, Mangalore MAHE, Manipal	KH, Manipal KH, Manipal
8	Cricket (Men)	KMC, Manipal	3 to 16 January 2022	QUESS, Manipal	MCODS, Manipal/MAHE-TD
9	Tennis – singles Tennis - doubles	PSPH, Manipal	13 January 2022	Dr Roshan Shetty Dr Roshan Shetty and Dr Yogesh Chapparwal	Dr Mukund Agarwal Dr Mukund Agarwal and Dr Ram Rao Damerla
10	Throwball	MCON, Manipal	25 January 2022	KH, B Team, Manipal	QUESS, Manipal
11	Football (Men)	MCHP, Manipal	11 January 2022	Terroir, Manipal	KMC, Manipal



All India Inter University Cross Country Race (M&W) 2021-22



All India Inter University Karate Championship (M&W) 2021-22



All India Inter University Swimming Championship (W) 2021-22



South Zone Inter University Basketball (M) tournament 2021-22





**VIII**

# New Projects

## COMPLETED PROJECTS



New Research Block 1- MCBR at Manipal  
(MANIPAL CENTRE FOR BIOTHERAPEUTICS RESEARCH)



New Research Block 2- MCBR at Manipal, STARTING OF SUMA GENOMICS LAB



New Manipal TATA Medical College, Jamshedpur (Phase -1 work)



Facilities for first Batch



Current Site Picture

Library Block



Expansion of Animal Research facility (Addl. Floor)

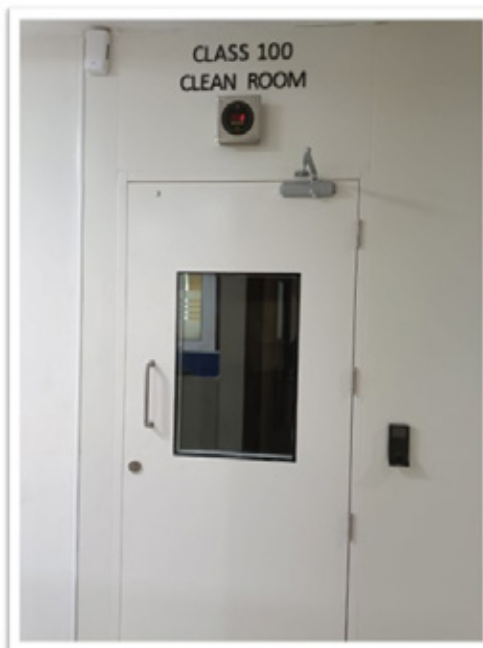


New Staff Housing Block - TAPMI



Expansion of TMA Pai Rotary Hospital at Karkala

New Bio Nest facility, Manipal  
(GoK-Bio Incubator)



Unique Class 100 Clean Room facility – First of its kind in University in India

## ONGOING WORKS



New Manipal TATA Medical College, Jamshedpur (Phase-2 works)



CANTEEN BLOCK - GROUND FLOOR PLAN & EXTERIOR FACADE PROPOSAL

New Admin Block - Under Construction



WGSHA Admin Block, Manipal



CENTRAL RESEARCH COMPLEX

## CENTRAL LAB AT MANGALORE



Completion by early 2022

## CENTRAL LAB PROJECT





## ARCHITECTURE BUILDING PROJECT



Completion by Mid 2022

NEW HOSPITAL BLOCK AT MANIPAL



Work Commenced Mid October 2021

## CENTRE FOR MUSIC AND ARTS - CMA



"Bhoomi Pooja" for CMA held on 10 March 2022

## FUTURE PROJECTS (PLANNING STAGE)



MIT TECH SHOP



Hospice and Respite Project



Hostel Blocks at MTMC, Jamshedpur



**IX**

# Faculty of Health Sciences

# Kasturba Medical College, Manipal

Address: Madhava Nagar, Manipal – 576104

Phone Number: 0820-2922552/325/367

Email-Office: [quality.kmc@manipal.edu](mailto:quality.kmc@manipal.edu) Dean Email: [dean.kmc@manipal.edu](mailto:dean.kmc@manipal.edu)



Name of the Dean: **Dr Sharath Kumar Rao K**

Established: **1953**

**Details of Programs offered by the Institution:**

**Undergraduate:**

- Bachelor of Medicine and Bachelor of Surgery (MBBS)

**Postgraduate:**

- MD (General Medicine)
- MS (General Surgery)
- MS (Obstetrics and Gynaecology)
- DGO (Obstetrics and Gynaecology)

- MD (Paediatrics)
- MS (Orthopaedics)
- MS (Ophthalmology)
- MS (Oto-Rhino-Laryngology)
- MD (Anaesthesiology)
- MD (Dermatology, Venereology, and Leprosy)
- MD (Radiotherapy)
- MD (Radio Diagnosis)

- MD (Psychiatry)
- DPM (Psychiatry)
- MD (Hospital Administration)
- MD (Respiratory Medicine)
- MD (Immunohaematology and Blood Transfusion)
- MD (Biochemistry)
- MD (Community Medicine)
- MD (Forensic Medicine)
- MD (Microbiology)
- MD (Anatomy)
- MD (Pathology)
- MD (Pharmacology)
- MD (Physiology)
- MD (Emergency Medicine)
- MD (Palliative Medicine)
- MCh (Urology)
- MCh (Cardio-Thoracic and Vascular Surgery)
- DM (Neurology)
- MCh (Paediatric Surgery)
- DM (Cardiology)
- DM (Medical Gastroenterology)
- MCh (Neuro Surgery)
- DM (Nephrology)
- DM (Medical Genetics)
- MCh (Plastic and Reconstructive Surgery)
- DM (Infectious Diseases)
- DM (Medical Oncology)
- DM (Critical Care Medicine)
- MCh (Hand Surgery)
- MCh (Paediatric Orthopaedics)
- MCh (Reproductive Medicine and Surgery)
- MSc (Anatomy)
- MSc (Physiology)
- MSc (Biochemistry)
- MSc (Microbiology)
- MSc (Pharmacology)
- MSc (Clinical Embryology)
- MPhil (Psychiatric Social Work)
- MSc Genetic Counselling
- MSc (Forensic Sciences)
- MSc (Reproductive and Developmental Biology)

#### Other Courses:

- PhD
- Fellowship in Onco-Surgery
- Fellowship in Reproductive Medicine
- Fellowship in Paediatric Orthopaedics
- Fellowship in Fetal Medicine
- Fellowship in Gynaecologic Oncology
- Fellowship in Stroke
- Fellowship in Neuroanaesthesia
- Fellowship in Paediatric Anaesthesia
- Fellowship in Paediatric Haematology and Oncology
- Fellowship in Head and Neck/Oral Oncology
- Fellowship in Advanced Obstetric Ultrasound
- Fellowship in Oncopathology
- Integrated End Degree (MD/MS) progression to PhD

#### About Institution/School:

Kasturba Medical College (KMC), Manipal was established in 1953 as the first self-financing medical college in the private sector. It celebrated its diamond jubilee in the year 2013. The college consistently ranks amongst the top ten medical colleges in the country. Students from over 50 countries graduate from college every year. KMC, Manipal has one of the finest learning environments in South Asia with infrastructure and faculty that support students to hone their skills to become outstanding medical professionals. The institute has strong linkages with national and international universities. Students from the UK, Ireland, USA, New Zealand and Kenya. Netherlands and Malaysia opt for their elective postings at KMC, Manipal. Students from KMC, Manipal pursue electives in several top universities in the USA, Europe and Australia. The National Institutional Ranking Framework (NIRF), Ministry of Human Resource Development, Government of India has ranked KMC, Manipal as the 10th best medical college in India in the year 2021. KMC Manipal is the only medical college in the country to be recognized by the New York State Education

Department (NYSED) which gives unrestricted allowance on the duration of clerkship/elective experience for KMC students seeking long-term clinical clerkship placements in the state of New York. It is certified for ISO 9001:2015 and EMS 14001:2015 standards. Kasturba Hospital, Manipal is accredited by National Accreditation Board for Hospitals and Healthcare Providers (NABH). The Kasturba Hospital Laboratory Services is accredited by the National Accreditation Board for Testing and Calibration Laboratories (NABL). New Dedicated departments for healthcare were created in 2021 – the Department of Hand Surgery, Department of Paediatric Orthopaedics and Department of Physical Medicine and Rehabilitation. Six new programs were greenlighted – MD (Palliative

Medicine), DM (Critical Care Medicine), MCh (Hand Surgery), MCh (Paediatric Orthopaedics), MCh (Reproductive Medicine and Surgery) and MSc (Reproductive and Developmental Biology). KMC, Manipal has made efforts in the direction of community health and individualized medicine by establishing six new centres in 2021. To further the cause of excellence in academics and research, KMC, Manipal has engaged in MoUs (53) with various international medical schools and universities with the active participation of inbound and outbound students. KMC, Manipal has made strident efforts in engaging with distinguished alumni who are placed in prestigious institutions across the globe by registering 950 alumni on the portal.

### Institutional Activities/Curricular Activities

#### New Initiatives:

Sl. No.	Activity	Particulars	Date(s)
---------	----------	-------------	---------

#### Biochemistry

- |   |   |   |                 |
|---|---|---|-----------------|
| 1 | Prabodhan - The initiative focuses on enhancing and exchanging ideas for growth and improvement of patient care and quality results, understanding lab challenges concerning internal and external quality and providing solutions. | Organized by Biochemistry Department in association with Bio-Rad Laboratories Pvt Ltd | 27 October 2021 |
|---|---|---|-----------------|



#### Clinical Embryology

- |   |                                       |  |                                     |
|---|---------------------------------------|--|-------------------------------------|
| 1 | ISAR-MAHE Embryology training program | Conducted by the department only. There were 12 participants (National). | 1 February 2021 to 12 February 2021 |
|---|---------------------------------------|--|-------------------------------------|



- |   |                                       |  |                                      |
|---|---------------------------------------|--|--------------------------------------|
| 2 | Advanced Skillset Embryology training | Conducted by the department. There were six participants (National). | 22 February 2021 to 27 February 2021 |
|---|---------------------------------------|--|--------------------------------------|





Sl. No.	Activity	Particulars	Date(s)
<b>Department of Emergency Medicine</b>			
1	The new centre was started under the Department of Emergency Medicine Centre for Disaster Management.	Faculty Incharge is Dr Jayaraj M B. The centre started w.e.f. 15 February 2021.	15 February 2021
2	Another new centre started under the Department of Emergency Medicine Centre for Emergency Toxicology.	Faculty Incharge is Dr Vivek Gopinathan. The centre started w.e.f. 15 February 2021.	15 February 2021
<b>Hospital Administration</b>			
1	COVID-19 Managing hospitals and vaccination drive	It was conducted online and the resource person was Dr Apoorva Sharma. There were 60 participants.	13 February 2021
<b>Immunohaematology and Blood Transfusion</b>			
1	Diagnostic panel for TTP work-up	-	26 June 2021
2	International Webinar on World Hepatitis Day	Conducted by MIV, MAHE, Department of Gastroenterology and Department of Immunohaematology and Blood Transfusion, KMC Manipal. Conducted virtually, International. There were 100 participants.	28 July 2021
3	Starting of Apheresis donor registry.	Started by Kasturba Hospital Blood Centre. This will help patients in need through apheresis blood donation. Apheresis donation is a special type of blood donation in which only a specific blood component is collected through an apheresis machine e.g., Platelets.	3 September 2021
4	Launch of Socio Ichor portal to connect blood donors and patients in need of blood	The number of participants was 15.	22 October 2021
<b>Infectious Diseases</b>			
1	Sepsis week	Conducted by Departments of Emergency Medicine, Infectious Diseases and General Medicine. It was conducted online. International.	18 January 2021
<b>KMC Office</b>			
1	Three new departments started in Kasturba Hospital - (1) Department of Hand Surgery; (2) Paediatric Orthopaedics.	(1) Head of Department of Hand Surgery - Dr Anil K Bhat 2) Head of Paediatric Orthopaedics- Dr Hitesh Shah	1 April 2021






Sl. No.	Activity	Particulars	Date(s)
2	New Community service by Kasturba Hospital. Department of Nephrology started the Haemodialysis unit and OPD service at Dr TMA Pai Rotary Hospital, Karkala.	This initiation is been taken by Dr Avinash Shetty (MS), Mr Muttanna (COO) and Dr Kirthinath Ballal along with Rotary Club.	20 July 2021
3	Department of Clinical Embryology is been renamed and reorganized as the Department of Reproductive Science.	Three new divisions are formed under this Department - Division of Clinical Embryology, Division of Reproductive Biology and Division of Reproductive Genetics.	21 September 2021
4	Advanced Trauma Life Support Provider Course (ATLS)	Organized by Medical Simulation Centre. ATLS - Program in India to develop trained medical manpower in trauma care.	2 December 2021 to 4 December 2021
<b>Library</b>			
1	Author Workshops 	Picking the right journal and getting published workshop by Dr Yateendra Joshi, Academic Trainer (Sponsored by Wolters Kluwer)	23 April 2021
2	Author Workshops 	Medical Writing Workshop by Dr Simi Kaul Senior Clinical Editor, BMJ Speaker was held from 2:30 pm to 3:30 pm	3 September 2021
<b>Medical Education</b>			
1	TransCare MedEd project	A project to develop competencies for making trans-affirmative healthcare with the University of Chicago. Faculty visited were Dr Anat Bhan, Sangath Bhopal, Dr Satendra Singh, University College of Medical Sciences (UCMS), Delhi, Dr Aamir Maroof Kahn, UCMS, Delhi, Dr Aqsa Sheikh, HIMSR, Delhi, Dr Anu Hazra, University of Chicago, Dr Marshall Chin, University of Chicago.	9 June 2021
<b>Medical Genetics</b>			
1	New centre started under the Department of Medical Genetics Centre for Rare Diseases	Incharge faculty are Dr Anju Shukla and Dr Rama Rao Damerla. The centre started w.e.f. 1 September 2021.	1 September 2021
<b>Microbiology</b>			
1	New centre started under the Department of Microbiology	Incharge faculty is Dr Vandana K E. The centre started w.e.f. 1 December 2021.	1 December 2021

Sl. No.	Activity	Particulars	Date(s)
	Centre for Antimicrobial Resistance and Education		
<b>Obstetrics and Gynaecology</b>			
1	Society of Fetal Medicine - Coastal Karnataka Inaugural web meet.	Conducted by Division of Fetal Medicine - Department of OBG. Organized by Society of Fetal Medicine (online)(International)	28 January 2021
			
2	Fellowship programme started Fellowship in Gynaecologic Oncology program'	The duration of the program is one year.	28 October 2021
<b>Ophthalmology</b>			
1	Glaucoma support group	Around 51 patients and 30 members from KH and KMC Manipal and Mrs Shaila Rao, Retired Teacher Educator, Former President, Rotary Club, Manipal were invited for inauguration.	13 March 2021
<b>Orthopaedics</b>			
1	New Techniques in Spine Surgeries	Organized by Department of Orthopaedics. Resource persons were Dr Janardhana Aithal and Dr Ishwara Keerthi. The number of participants was 40.	28 November 2021
			
<b>OTO Rhino Laryngology</b>			
1	Fellowship in Head and Neck and Skull base surgery – a new program was started	One seat was approved by the MAHE, Manipal for July 2021	1 July 2021
			
2	Entrain-Workshop: Common everyday surgeries simplified by experts Paediatric Septoplasty, Thyroidectomy, Endoscopic DCR, Tympanosclerosis, Endoscopic CSF Leak Repair	Organized by Micro Labs Limited. It was a live surgery workshop. There were 30 participants.	14 August 2021
			

Sl. No.	Activity	Particulars	Date(s)
<b>Paediatrics</b>			
1	International Adolescent week celebration program 	Organized by IAP Udipi and Department of Paediatrics, KMC Manipal. There were 50 participants.	15 March 2021 to 20 March 2021
2	New centre started under the Department of Paediatrics Centre for Swallowing Disorders.	Incharge faculty is Dr Suneel C Mundkur. The centre started w.e.f. 1 June 2021.	1 June 2021
3	Perinatal Autopsy once a month with the pathology team	Department of Pathology with the Neonatology unit is doing MITS (minimal invasive tissue sampling) surveillance of the brain, both lungs and liver tissue to identify the cause of death (COD) in neonates.	1 August 2021
4	Restarting Neonatology Fellowship Program	The tertiary care Neonatology unit at KMC Manipal is a blend of high load neonatal care units handling preterm neonates from 25 weeks of gestation, pre and postoperative care of surgical neonates including critical congenital heart disease. The unit is equipped with non-invasive and invasive ventilation. Fellowship candidates are further trained in skilled/comprehensive management of critically ill babies with exposure to research activities in the unit and helping them in future by independently setting up the new Neonatal care unit.	1 August 2021
5	Indo German Metabolic Meet 2021, organic Academia's – A Branchaid Conundrum	Organized by Inborn Error of Metabolism (virtual, International). 100 members participated.	25 September 2021
<b>Palliative Medicine and Supportive Care</b>			
1	Inauguration of Rotary Palliative Care Initiative 	An event for Paediatric patients and their caregivers was organized by Rotary Club Manipal, Department of Paediatric Haematology and Oncology, KMC, Manipal and Department of Palliative Medicine and Supportive Care, KMC, Manipal. Held at Shirdi Saibaba Cancer Hospital, Manipal. There were 30 participants.	24 August 2021

All other activities in the department relating to the program/course:




Sl. No.	Activity	Particulars	Date(s)
<b>Anaesthesiology</b>			
1	Alumni Lectures-1 	The resource person was Dr Ap Ellango. There were 52 participants, (National).	2 November 2021
<b>Anatomy</b>			
1	Developing virtual anatomy lab sessions to facilitate active learning among students	The resource person was Dr Varna Taranikanti, Oakland University. There were 50 members. International, Virtual.	26 June 2021
<b>Biochemistry</b>			
1	Prabodhan 	Organized by Biochemistry Department in association with Bio-Rad Laboratories Pvt Ltd. The initiative focuses on enhancing and exchanging ideas for growth and improvement of patient care and quality results, understanding lab challenges concerning internal and external quality and providing solutions at the National level.	27 October 2021
<b>Cardiology</b>			
1	Manipal Clinical Cardiology Update 2021 	The resource persons were Dr Rajan J Manjuran, Dr Zulfikar Ahamed, Dr Dayasagar Rao, Dr Phabhavathi, Dr Sudhaya Kumar, and Dr BRJ Kannan. Around 520 members participated.	21 February 2021
<b>Community Medicine</b>			
1	Sensitization workshop for Primary Care Providers on Population-Based Screening for NCDs 	Organized by Community Medicine and District Surveillance Unit, District NCD Cell, Udupi. Held at Dr TMA Pai Auditorium, third floor, KMC. There were 180 participants.	12 February 2021 to 17 February 2021
2	Cancer Collective-2021 	KMC and Kasturba Hospital, Manipal along with Manipal Comprehensive Cancer Care Centre and Department of Community Medicine. Around 120 members participate (virtual, national).	27 February 2021

Sl. No.	Activity	Particulars	Date(s)
<b>Department of Emergency Medicine</b>			
1	Sepsis Week 	National level conference organized by Department of Emergency Medicine, Department of Medicine and Department of Infectious Diseases. There were 350 participants.	18 January 2021 to 23 January 2021
2	BLS program for foundation course 2020-2021	There were 240 participants (National level).	21 January 2021 to 24 January 2022
3	Conservation conflict co-existence	Organized by Centre for Wilderness Medicine, Department of Emergency Medicine. (Virtual, National)	20 March 2021 to 21 March 2021
4	Safe snake rescue and conflict mitigation practices, first aid and Cardiopulmonary Resuscitation (CPR)	Organized by Centre for Wilderness Medicine, Department of Emergency Medicine, KMC, Manipal. Held at Cotigao Wild Life Sanctuary Forest Department Head Quarters, Goa.	1 July 2021
<b>Hospital Administration</b>			
1	COVID-19 Managing hospitals and vaccination drive 	The resource person was Dr Apoorva Sharma. There were 60 participants.	13 February 2021
2	Artificial Intelligence and Machine Learning-Webinar 	The resource person was Dr Sounder Kumara. Around 125 members participated. (Virtual, State)	16 March 2021
<b>Immunohaematology and Blood Transfusion (IHBT)</b>			
1	JG Jolly PG teaching program 	Organized by Sanjay Gandhi Postgraduate Institute of Medical Sciences (SGPGI) and Department of IHBT, KMC, Manipal (Virtual, National). There were 123 participants.	22 January 2021
2	WHO-AATM Online Pilot Webinar series - QA in transfusion transmissible infections (TTI) testing for SEARO countries 	Organized by WHO, AATM and Department. Members participated 100. (International, virtual).	27 April 2021 to 29 April 2021

Sl. No.	Activity	Particulars	Date(s)
3	International Webinar on World Hepatitis Day 	Organized by MIV, Department of Gastroenterology and Department of IHBT, KMC Manipal. Around 100 members participated. (International, virtual).	28 July 2021
4	Virtual Immunohematology Workshop 2021 (Two days programme) 	Organized by Department of IHBT, Ortho Clinical Diagnostics and SIG (IH)- AATM. There were 180 participants. (International, Virtual)	5 August 2021 to 6 August 2021
<b>Infectious Diseases</b>			
1	Virtual International Symposium on Tuberculosis 	Organized by Manipal McGill Program for Infectious Diseases, MAHE, Manipal, Department of Infectious Diseases, KMC Manipal and Mayo Clinic Center for Tuberculosis, USA. The resource persons were Dr Claudia Denking, Dr Mahadev Rao, Dr Guy Thwaites, Dr C Padmapriyadarsini, and Dr Dick Menzies. Around 307 members participated. (International, virtual)	24 March 2021
2	World Antimicrobial Awareness Week 2021 	Organized by the Department of Emergency Medicine. Hybrid and virtual conference, International.	18 November 2021
<b>KMC Office</b>			
1	Innovation Webinar Module II – workshop 	Organized by Research cell. Professor Bhaskar Somani was the guest speaker.	20 January 2021
2	American Heart Association certified Basic Life Support provider course (BLS) 	Conducted by Medical Simulation Centre. BLS course is designed to provide a wide variety of healthcare professionals the ability to recognize several life-threatening emergencies, provide Cardiopulmonary Resuscitation (CPR), use an Automated external defibrillators (AED), and relieve choking in a safe, timely and effective manner.	21 January 2021

Sl. No.	Activity	Particulars	Date(s)
3	American Heart Association certified Advanced Life Support provider course (ACLS) 	Conducted by Medical Simulation Centre. Advanced Cardiovascular Life Support (ACLS) Provider course builds on the foundation of basic life support (BLS) skills and takes healthcare provider training to the next level. Learners can expect practice and training in high-performance team dynamics and communication, systems of care, immediate post-cardiac arrest care, acute dysrhythmia, stroke, and acute coronary syndromes.	22 January 2021 to 23 January 2021
4	Research Talk Series 2 	Design and Development of high-affinity kinase inhibitors: From theory to therapy by Md Imtaiyaz Hassan. The workshop was organized by the Research cell.	12 February 2021
5	Research Talk Series 3 	Epigenetic Modifications during Microbacterial Infections by Dr Sanjeev Khosla. The workshop was organized the by Research cell.	12 March 2021
6	Faculty Research Workshop 	Panel discussion on Writing Q1 article- The Panel members were Dr Dinesh Upadhyya, Dr Rama Rao Damerla, Dr Somasish Ghosh Dastidar, and Dr Pavan Agrawal. Workshop organized by Research cell.	18 March 2021
7	Innovation Webinar Module III 	Funding for Innovative Start-ups: An Angel Investors Perspective by Mr Pankaj Thakar Chief Mentor and Founder of Padup Ventures – a scalable knowledge and mentoring platform. The workshop was organized by the Research cell.	25 March 2021
8	Research Talk Series 	Role of Clinician in promoting bedside to bench Clinical research by Dr Leslie Lewis, HOD of Paediatrics, KMC, Manipal. The workshop was organized by the Research cell.	22 May 2021
9	American Heart Association certified Basic Life Support provider course (BLS)	Conducted by Medical Simulation Centre. BLS course is designed to provide a wide variety of healthcare professionals the ability to recognize several life-threatening emergencies, provide CPR, use an AED, and relieve	5 August 2021



Sl. No.	Activity	Particulars	Date(s)
		choking in a safe, timely and effective manner.	
10	American Heart Association certified Advanced Life Support provider course (ACLS).	Conducted by Medical Simulation Centre. Advanced Cardiovascular Life Support (ACLS) Provider course builds on the foundation of basic life support (BLS) skills and takes healthcare provider training to the next level. Learners can expect practice and training in high-performance team dynamics and communication, systems of care, immediate post-cardiac arrest care, acute dysrhythmia, stroke, and acute coronary syndromes.	29 October 2021 to 30 October 2021
			
11	American Heart Association certified Paediatric Advanced Life Support provider course (PALS)	Conducted by Medical Simulation Centre. The PALS Provider Course aims to improve outcomes for paediatric patients by preparing healthcare providers to effectively recognize and intervene in patients with respiratory emergencies, shock, and cardiopulmonary arrest by using high-performance team dynamics and high-quality individual skills.	25 November 2021 to 26 November 2021
			
12	American Heart Association certified Basic Life Support provider course (BLS)	Conducted by Medical Simulation Centre. BLS course is designed to provide a wide variety of healthcare professionals the ability to recognize several life-threatening emergencies, provide CPR, use an AED, and relieve choking in a safe, timely and effective manner.	15 December 2021
			
<b>Medical Education</b>			
1	Workshop on Alignment and Integration in competency-based undergraduate curriculum"	The resource person was Dr Krishna G Seshadri. There were 45 participants. (National, virtual).	14 August 2021
			
<b>Medicine</b>			
1	KAPICON 2020-21	Organized by API Udupi-Manipal chapter and Department of Medicine, KMC, MAHE in Manipal at Manipal	18 September 2021 to 19 September 2021

Sl. No.	Activity	Particulars	Date(s)
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Inn, Udupi. State-level. There were 700 participants.

### Obstetrics and Gynaecology (OBG)

- |   |  |   |                 |
|---|--|---|-----------------|
| 1 | Society of Fetal Medicine - Coastal Karnataka Inaugural web meet | Organized by Society of Fetal Medicine and Division of Fetal Medicine, Department of OBG; (virtual - International) | 28 January 2021 |
|---|--|---|-----------------|



### Ophthalmology

- |   |   |  |              |
|---|---|--|--------------|
| 1 | Webinar on Orbital Mucormycosis COVID Black Magic | Department of Ophthalmology in Association with OEU Alumni Association Manipal. Around 338 members participated. (National, virtual) | 11 June 2021 |
|---|---|--|--------------|



- |   |                                    |  |              |
|---|------------------------------------|--|--------------|
| 2 | Webinar on Glaucoma Just Shunt it! | Department of Ophthalmology, KMC and KH Manipal, MAHE Manipal, in Association with OEU Alumni Association Manipal. There were 70 participants. (International, virtual). | 31 July 2021 |
|---|------------------------------------|--|--------------|



### Orthopaedics

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|---|--|--|--------------------------------------|
| 1 | Mangalore Orthopaedic Course - PG Teaching Program | Organized by Canara Orthopaedic Society and K S Hegde Medical Academy (KHEMA), Deralakatte, Mangalore. There were 15 participants. | 19 February 2021 to 21 February 2021 |
|---|--|--|--------------------------------------|



### OTO Rhino Laryngology



- |   |             |   |              |
|---|-------------|---|--------------|
| 1 | Digital CME | Resource person was Dr Ajay Bhandarkar, KMC. Around 35 members participated. (State, virtual) | 21 July 2021 |
|---|-------------|---|--------------|




- |   |                               |  |                  |
|---|-------------------------------|--|------------------|
| 2 | 4th Manipal ENT Oration Award | Resource person was Dr Mubarak Muhamed Khan. There were 30 participants. (national level). | 12 December 2021 |
|---|-------------------------------|--|------------------|

### Paediatrics


- |   |   |  |                                |
|---|---|--|--------------------------------|
| 1 | International Adolescent week celebration program | Organized by Indian Academy of Paediatrics (IAP) Udupi and | 15 March 2021 to 20 March 2021 |
|---|---|--|--------------------------------|

Sl. No.	Activity	Particulars	Date(s)
2	Karnataka IAP branch, PG teaching program 	Department. Around 50 members participated. (National, virtual). Organized by Karnataka IAP branch & Department. Around 100 members participated. (National, virtual)	26 May 2021
3	Indo German Metabolic Meet 2021, organic Academia's – A Branchaid Conundrum 	Organized by Centre for Inborn Error of Metabolism, Department of Paediatrics. There were 100 participants. (International, virtual)	25 September 2021
4	Dr Meera Baliga Oration	Organized by Department along with IAP Udupi branch at IMA Bhavan, Udupi. There were 100 participants. (National level)	24 October 2021

#### Pharmacology

1	CME on Recent Developments in Diabetes Care 	There were 35 participants, at the national level. Resource persons were Dr Sushil Kiran and Dr Amruta Tripathy.	24 December 2021
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#### Psychiatry

1	Indian Psychiatric Society Karnataka Chapter PG CME 2021 	Organized by Udupi Psychiatric Society and Department of Psychiatry, KMC, Manipal at Madhuvan Serai, Manipal. There were 135 participants.	6 March 2021 to 7 March 2021
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#### Details of Guest Visit (lectures, collaboration, visitors on campus)

##### Guest Lectures:

Sl. No.	Visitor	Name of the Organization	Purpose of Visit	Date of Visit
<b>Anaesthesiology</b>				
1	Dr Ravishankar Rao Baikady	The Royal Marsden NHS Foundation Trust Fulham Road, London UK	Academic purpose	10 November 2021
<b>Anatomy</b>				
1	Mr Mohan Bhagwat	Sarasanghachalak, Rashtriya Swayamsevaka Sangha (RSS)	Inauguration of Digitalization of Anatomy Museum (MAP)	2 March 2021

Sl. No.	Visitor	Name of the Organization	Purpose of Visit	Date of Visit
<b>Biochemistry</b>				
1	Dr Annaya Rao Aroor	Research Associate Professor, Department of Medicine, Division of Endocrinology, Diabetes and Metabolism, Centre for diabetes and cardiovascular research, one hospital Columbia MO 65212	A talk on "Management Aspects in Laboratory Medicine"	22 March 2021
2	Dr Nivedita L Rao	Professor Department of Biochemistry, Yenepoya Medical College (Deemed to be University), Mangalore	Guest Lecture: Alumni talk on "Exploring Saliva Diagnostics"	28 July 2021
3	Dr Prakash Mungli	Dean of Student Services, Professor, Department of Biochemistry, University of Medicine and Health Sciences, St Kitts East Caribbean Island, West Indies	Guest talk 'Importance of having a Positive Mindset for Success'	28 August 2021
<b>Cardiology</b>				
1	Dr Prabhavathi	Sri Jayadev Institute of Cardiology, Bangalore	Classes are taken for exam going students	15 July 2021
2	Dr B V Manjunath	Department of Cardiology, A J Hospital, Mangalore	External examiner for DM (cardiology)	8 September 2021
<b>Community Medicine</b>				
1	Dr Naveen	Veterinarian, State Govt of Karnataka	CME (Virtual) Zoonoses	10 July 2021
2		Faculty of Global Health, University of Pennsylvania	Guest speaker - Webinar on Zoonoses	10 July 2021
3	Dr K T Harichandra Kumar	Assistant Professor, Department of Biostatistics, JIPMER,	Workshop - EPISTATS Module 3	26 July 2021 to 30 July 2021
4	Dr Binu VS	Assistant Professor, Department of Biostatistics, NIMHANS	Workshop - EPISTATS Module 3	26 July 2021 to 30 July 2021
<b>Critical Care</b>				
1	Dr Abdul Gafoor	Anaesthesiologist and Intensivist Acting Consultant, SICU, Hamad Medical Corporation, Doha, QATAR	Guest Lecture on "Early use of vasopressors in shock-current perspective"	15 January 2021
2	Dr Rajesh Shetty	Lead Consultant, Critical Care Medicine, Manipal Hospital Whitefield 1, IPTL	Seminar on "COVID-19 clinical management a multi-centre experience"	19 June 2021

Sl. No.	Visitor	Name of the Organization	Purpose of Visit	Date of Visit
		Road, Whitefield- Bangalore		
3	Dr Rajesh Mohan Shetty	Chief of Clinical Services and Lead Consultant, Manipal Hospital Whitefield 1, IPTL Road Whitefield, Bangalore	Dr Rajesh visited as adjunct faculty. He interacted with department faculty and postgraduates and gave input to further improve department functions. He also wanted to collaborate in research activities.	16 September 2021
<b>Department of Emergency Medicine</b>				
1	Dr Maura Sammon	Temple University, Philadelphia	Collaborative learning exercise workshop	16 June 2021
<b>Dermatology</b>				
1	Dr Kanagala Neethu Chowdary	Private practitioner at Vijayawada, AP	Guest lecture (Virtual) on Hair Transplantation	8 May 2021
<b>Forensic Medicine</b>				
1	Mr Samartha Bhaskar Bhat	Technical Director, Reverse Engineering Infosec, Bengaluru	Cyber Forensics-Hands-on workshop for postgraduate students of MSc Forensic Science	26 July 2021 to 28 July 2021
2	Dr N A Magadam	Ayurvedic Medical College and Hospital, Ankali, Belgavi	Educational visit of third-year BAMS students to view the museum as per their syllabus	9 October 2021
3	Dr Sachidanand	Department of Agada Tantra	Educational visit of third-year BAMS students to view the museum as per their syllabus	9 October 2021
4	Dr Vishalakshi S	Department of Agada Tantra	Educational visit of third-year BAMS students to view the museum as per their syllabus	9 October 2021
<b>Gastroenterology</b>				
1	Dr Mohan Ramchandani	Director, Interventional Endoscopy, AIG Hospital, Hyderabad	Guest Lecture on Recent advances in Therapeutic Endoscopy	27 February 2021
2	Dr Amit Patak	Radiologist and Ultrasonologist Aryavart Hospital, Meerut	Guest lecture on Basics of Gastrointestinal Sonography	23 April 2021
3	Dr Raj Vigna Venugopal	Consultant Manipal Hospital	Guest lecture on Recent advances in POEM	4 December 2021
<b>Hospital Administration</b>				
1	Dr T Shiva Kumar	Founder and CEO Medblaze, Hyderabad, Telangana	Guest Lecture on Insights on Entrepreneurship was held on 6 February 2021	6 February 2021
2	Dr Apoorva Sharma	COO, The Hope Hospital, Ranchi, BDS Mansarovar Dental College, MHA, MAHE Manipal	Seminar on COVID-19 Managing hospitals and vaccination drive	13 February 2021

Sl. No.	Visitor	Name of the Organization	Purpose of Visit	Date of Visit
3	Dr Sounder Kumara	Information Sciences and Technology, Penn University, USA	Artificial Intelligence and Machine learning-Webinar	6 March 2021
4	Lt Col Shashikanth Sharma	Hospital Administration, Professor Armed Forces Medical College (AFMC) Pune	Author and TEDx Speaker, (virtual) Negotiating the Impossible	25 September 2021
5	Lt Col Shashikanth Sharma	AFMC, Pune	Author and TEDx Speaker (virtual) Negotiating the Impossible	25 September 2021
<b>Immunohaematology and Blood Transfusion</b>				
1	Dr Satyam Arora	Consultant, Paediatric Super Speciality Hospital, Noida	JG Jolly PG teaching program	22 January 2021
2	Dr Hemchandra Pandey	AIIMS, New Delhi	JG Jolly PG teaching program	5 February 2021
3	Mr Sooraj	Manager Quality Assurance, Terumopenpol	Guest Lecture on Good manufacturing practice (GMP) in a blood bag	18 February 2021
4	Dr Aparna Shah	Regional Advisor, WHO, AATM	World Blood Donor Day 2021	14 June 2021
5	Dr Daniella Hermelin	Adjunct Faculty, Department of IHBT, KMC, Manipal	International Webinar on World Hepatitis Day (Virtual)	28 July 2021
6	Dr Ekta Gupta	Professor, Department of Clinical Virology, Institute of Liver and Biliary Sciences, New Delhi	International Webinar on World Hepatitis Day (Virtual)	28 July 2021
7	Dr Mahua Sinha	Assistant Professor, Department of Microbiology, Kidwai Memorial Institute of Oncology, Bangalore	International Webinar on World Hepatitis Day (Virtual)	28 July 2021
8	Dr Young-Chan Kwonx	Senior Research Scientist, Korea Research Institute of Chemical Technology, South Korea	International Webinar on World Hepatitis Day (Virtual)	28 July 2021
9	Dr Pradip Devhare	Assistant Professor, MIV, MAHE, Manipal	International Webinar on World Hepatitis Day (Virtual)	28 July 2021
10	Shyam sundaram Kottiril	Professor of Medicine and Co-Director of Institute of Human Virology, University of Maryland, USA	International Webinar on World Hepatitis Day (Virtual)	28 July 2021
11	Dr Sudipta Sekhar Das	Senior Consultant and Head, Department of	Virtual Immunohematology Workshop 2021 (Two days program)	5 August 2021 to 6 August 2021

Sl. No.	Visitor	Name of the Organization	Purpose of Visit	Date of Visit
		Transfusion Medicine, Apollo		
12	Dr Veena Shenoy	Head, Department of Transfusion Medicine, Amrita Institute of Medical Sciences and Research, Kochi	Virtual Immunohematology Workshop 2021 (Two days program).	5 August 2021 to 6 August 2021
13	Dr Ravi Dara	Consultant, Department of Transfusion Medicine, Manipal Hospitals, Jaipur	Virtual Immunohematology Workshop 2021 (Two days program)	5 August 2021 to 6 August 2021
14	Dr Suvro Datta	Consultant, Department of Transfusion Medicine, Tata Medical Center, Kolkata	Virtual Immunohematology Workshop 2021 (Two days program)	5 August 2021 to 6 August 2021
<b>Infectious Diseases</b>				
1	Dr Claudia Denkinger	Tropical Medicine- Infectious Disease Heidelberg University Hospital, Germany	Virtual International Symposium on Tuberculosis	24 March 2021
2	Dr Guy Thwaites	Professor of Infectious Diseases, Director, Oxford University, Clinical Research Unit (OUCRU), Vietnam	Virtual International Symposium on Tuberculosis	24 March 2021
3	Dr C Padma priyadarsini	Director/Scientist F (Medical), National Institute for Research in Tuberculosis [ICMR], Chennai	Virtual International Symposium on Tuberculosis	24 March 2021
4	Dr Dick Menzies	Director, McGill International TB Centre, Canada	Virtual International Symposium on Tuberculosis	24 March 2021
<b>KMC Office</b>				
1	Professor Bhaskar Somani	Senior Urologist from the University of Southampton	Research Cell conducted a workshop (Virtual Talk)	20 January 2021
2	Md Imtaiyaz Hassan	Assistant Professor, Centre for Interdisciplinary Research in Basics Sciences, Jamia Millia Islamia, Jamia Nagar, New Delhi	Research Cell conducted a workshop (Virtual Talk)	12 February 2021
3	Mr Pankaj Thakar	Chief Mentor and Founder of Padup Ventures	Research Cell conducted a workshop (Virtual Talk)	25 March 2021
4	Dr Deepak Kanojia	Assistant Professor (Research), Department of Neurological Surgery	Research Cell conducted a workshop (Virtual Talk)	7 April 2021

Sl. No.	Visitor	Name of the Organization	Purpose of Visit	Date of Visit
5	Dr Sanjeev Khosla	Director - CSIR – Institute of Microbial Technology, Chandigarh, Delhi	Research Cell conducted a workshop (Virtual Talk)	12 April 2021
6	Dr Annie Vogel Ciernia	University of British Columbia, Canada	Research Cell conducted a workshop (Virtual Talk)	7 May 2021
7	Dr Pankaj Seth	Professor and Scientist VII, Molecular and Cellular Neuroscience, Neurovirology Section, National Brain Research Centre (NBRC), MANESAR, Haryana	Research Cell conducted a workshop (Virtual Talk)	11 June 2021
8	Dr Sanjita Banerjee	Lead Biologist and former Ramanujan Fellow, Capulus Therapeutics, San Francisco, USA	Research Cell conducted a workshop (Virtual Talk)	9 July 2021
9	Dr Leo Kurain	Faculty of Medicine, Laboratory for Developmental and Regenerative RNA Biology (AG Kurain), University of Cologne, Germany	Research Cell conducted a workshop (Virtual Talk)	13 August 2021
10	Dr Gireesh Gangadharan	DBT-Ramalingaswami Fellow/Assistant Professor, Department of Cell and Molecular Biology, MLSC, Manipal	Research Cell conducted a workshop (Virtual Talk)	8 October 2021
<b>Medical Education</b>				
1	Dr Tejinder Singh	Professor of Paediatrics and Medical Education, Amritsar	Workplace-Based Assessment in competency-based medical education (CBME)	24 April 2021 to 25 April 2021
2	Dr Varna Taranikanti	Department of Foundational Medical Studies, Oakland University, William Beaumont School of Medicine Rochester	Guest lecture on Developing virtual anatomy lab sessions to facilitate active learning among students and developing virtual team-based and case-based learning to promote collaborative learning among students.	26 June 2021
3	Dr Vrinda J Bhat	Institute of Medical Sciences, Mangaluru	Revised Basic Course Workshop (RBCW)	29 July 2021 to 31 July 2021
4	Dr Krishna G Seshadri	Member, NMC Expert Group, Member, Board of Management, Visiting Professor, Department of Endocrinology, Diabetes and Medical Education, Sri	Workshop on Alignment and Integration in the competency-based undergraduate curriculum	14 August 2021



Sl. No.	Visitor	Name of the Organization	Purpose of Visit	Date of Visit
		Balaji Vidyapeeth, Puducherry		
5	Dr Shrinivas Bhat U	Department of Psychiatry, KSHEMA, Mangalore	Guest lecture - Reflective writing workshop-AETCOM series	17 September 2021
6	Dr Nagesh Simha	Medical Director, Karunashraya Hospice Trust	Communication skills AETCOM series workshop	28 October 2021 to 29 October 2021
7	Dr Aqsa Shaikh	Community Medicine, Hamdard Institute of Medical Research	Transcare Campus Connect event; KMC Manipal	19 November 2021
8	Dr Satendra Singh	Professor of Physiology, University College of Medical Sciences and GTB Hospital, Delhi	Transcare Campus Connect event; KMC Manipal	19 November 2021
9	Deepak Tugnawat	Director of Projects, Sangath, Bhopal	Transcare Campus Connect event; KMC Manipal	19 November 2021
10	Dr Harikeerthan Raghuram	Project Coordinator, Sangath, Bhopal	Transcare Campus Connect event; KMC Manipal	19 November 2021
11	Gadha Thachappiliy	Project Assistant, Sangath, Bhopal Sciences and Research, Delhi	Transcare Campus Connect event; KMC Manipal	19 November 2021
12	Dr Khan Amir Maroof	Professor of Physiology, University College of Medical Sciences and GIB Hospital, Delhi	Transcare Campus Connect event; KMC Manipal	19 November 2021
13	Dr Anant Bhan	India Lead, Principal Investigator and Mentor, Sangath, Bhopal	Transcare Campus Connect event; KMC Manipal	19 November 2021
14	Dr Mythili Menon	Research Assistant, Sangath, Bhopal	Transcare Campus Connect event; KMC Manipal	19 November 2021
<b>Medical Oncology</b>				
1	Dr Devinder Singh Sandhu	Sandhu Cancer Centre	Visited Department	22 January 2021
<b>Neurology</b>				
1	Dr Ratnavalli Ellajosyula	Consultant Neurologist, Manipal Hospital, Bangalore and Adjunct Faculty of KMC, Manipal	Guest Lecture (virtual) on Dementia-Case Presentation/Clinical Discussion	18 September 2021
<b>Obstetrics and Gynaecology</b>				
1	Dr Rajan J Manjuran	Pushpagiri Institute of Medical Sciences and Research Centre, Tiruvalla	Conference 'Coastal Karnataka Inaugural web meet' by Division of Fetal Medicine under the	28 January 2021

Sl. No.	Visitor	Name of the Organization	Purpose of Visit	Date of Visit
2	Dr Zulfikar Ahamed	KIIMS Hospital, Trivandrum	dept. of OBG. Organized by Society of Fetal Medicine - Division of Fetal Medicine - Society of Fetal Medicine - Coastal Karnataka Inaugural web meet	28 January 2021
3	Dr Sudhaya Kumar	Amrita Institute of Medical Sciences (AIMS), Kochi	Division of Fetal Medicine - Society of Fetal Medicine - Coastal Karnataka Inaugural web meet	28 January 2021
4	Dr B R J Kannan	Vadamalayan Hospitals, Tamil Nadu	Division of Fetal Medicine - Society of Fetal Medicine - Coastal Karnataka Inaugural web meet	28 January 2021
5	Dr Dayasagar Rao	KIMS Hospitals, Hyderabad	Division of Fetal Medicine - Society of Fetal Medicine - Coastal Karnataka Inaugural web meet	28 January 2021
6	Dr Vijayalaxmi Karnam	Royal Women's Hospital Melbourne	Surviving Sepsis-Emergency OBS 1 And Critical Care Committee	1 October 2021
<b>Ophthalmology</b>				
1	Dr T K Ramesh	Former Director of Minto Regional Eye Hospital, Bangalore	PG Update on Cornea- a case discussion on a corneal tear	14 January 2021
2	Dr Chinnappa AG	Prasad Nethralaya, Udipi	Physical Moderator	21 February 2021
3	Dr Shruthi Tara	Chief Medical Officer, Sankara Eye Hospital, Coimbatore	Guest Lecture - PG Update Program - Approach to Proptosis and Ocular surface squamous neoplasia	21 February 2021
4	Dr Vidya Hegde	Department of Ophthalmology, Yenepoya Medical College, Mangalore	Examiner	11 May 2021
5	Dr Sarita Beri	Director Professor and Head Department of Ophthalmology, Lady Hardinge Medical College, New Delhi	NMC Inspector	11 May 2021
6	Dr Latha N V	Department of Ophthalmology, Government Medical College, Pariyaram P O, Kannur	Online PG External Examiner	11 May 2021
7	Dr Jella Angela An	Adjunct Faculty, KMC, Manipal, Assistant	Guest lecture (Virtual) - Bleb forming MIGS	31 July 2021

Sl. No.	Visitor	Name of the Organization	Purpose of Visit	Date of Visit
		Professor of Ophthalmology, Glaucoma Service, Mason Eye Institute Columbia		
8	Dr Prashant Bhatia	Specialist, Ophthalmologist, Medical Director, Vista Health Care Clinic, Dubai	Guest lecture (Virtual) Pars Plana AGV	31 July 2021
9	Dr Swakshyar S Pal	Vitreo-Retinal consultant, Kolkata, (OEU Alumni)	Speaker - (virtual) Endoph Matters	3 September 2021
10	Dr Muna Bhende	Senior Consultant and Deputy Director, Shri Bhagwan Mahavir Vitreoretinal Service, Sankara Nethralaya, Chennai, Adjunct Faculty KMC Manipal	Speaker - (virtual) Endoph Matters	3 September 2021
<b>OTO Rhino Laryngology</b>				
1	Dr Manusrut	ENT Consultant Yashoda Hospital, Hyderabad	Guest Lecture on "Can we implant? Preoperative assessment and Radiology for cochlear implantation"	12 February 2021
2	Dr Shalabh Sharma	ENT Consultant, Gangaram Hospital, Delhi	Virtual guest lecture on "Cochlear Implantation–Surgical techniques"	1 March 2021
3	Dr Shankar Medikeri	Medikeri's Super Speciality ENT Center, Basavanagudi, Bengaluru	Virtual guest lecture on Difficult situations in Cochlear implantation	4 March 2021
4	Dr Mahesh S G	A J Institute of Medical Sciences and Research Center, Kuntikana, Mangalore	External Examiner in Final MBBS Part I	17 March 2021 to 19 March 2021
5	Dr Henri Traboulsi	Assistant Professor, Paediatric Otolaryngology, TEXAS Children's Hospital, Baylor College of Medicine	Guest lecture on Vestibular disorders in Children	8 April 2021
6	Dr V Anand	MCV ENT Memorial Trust Hospital, Pollachi	Invited for a guest lecture.	14 April 2021
7	Brig Dr WVBS Ramalingam	Senior Consultant and Director BLK Super Speciality Hospital, New Delhi	Invited for a guest lecture.	28 April 2021
8	Dr Aishwarya Anand	ENT Consultant, MCV Memorial ENT Trust Hospital, Pollachi	Guest lecture (Virtual) on 1)"Pearls in management of BPPV". 2) "How to rule out stroke in 10 minutes"	15 May 2021

Sl. No.	Visitor	Name of the Organization	Purpose of Visit	Date of Visit
9	Dr Srinivas Kishore	ENT Consultant, Hyderabad	Guest lecture (Virtual) on Recent advances in the management of OSA.	27 May 2021
10	Dr Vishwas K V	Associate Professor at Raja Rajeshwari Medical College, Bangalore	Entrain-Workshop on Common everyday surgeries simplified by experts Paediatric Septoplasty Thyroidectomy Endoscopic DCR Tympanosclerosis Endoscopic CSF Leak Repair	14 August 2021
11	Dr Satish Jain	Head and Neck Cancer and Skull Base Surgeon, Jain ENT Hospital, Jaipur	Entrain-Workshop Common everyday surgeries simplified by experts Paediatric Septoplasty Thyroidectomy Endoscopic DCR Tympanosclerosis Endoscopic CSF Leak Repair	14 August 2021
12	Dr Arun Alexander	Professor, JIPMER, Pondicherry	Guest lecture on Basics of mapping in cochlear implantation	27 August 2021
13	Dr Ahmed Jalwa	Senior Resident Manzoor Hospital, State Highway 57 Kanhangad	Visit Department and KMC	3 September 2021
14	Dr Deepak Kumar Mehta	Paediatric Otolaryngologist, Baylor College of Medicine, Houston, TX, USA	Guest lecture (Virtual) on Paediatric swallowing-A practical approach	23 October 2021
15	Christina Rappazzo	Senior Speech Language Pathologist, Texas Children's Hospital, USA	Guest lecture (Virtual) on Paediatric swallowing-A practical approach	23 October 2021
16	Dr Mubarak Muhamed Khan	Consultant and Director, Shusrut ENT Hospital, Pune	CME - 4th Manipal ENT Oration Award	12 December 2021
<b>Paediatrics</b>				
1	Dr Ganapathi Hegde	District Hospital, Udupi	Visitor for COVID (Children ICU and Ventilator Management) training	6 September 2021 to 11 September 2021
2	Dr Soujanya	Government Hospital, Karkala	Visitor for COVID (Children ICU and Ventilator Management) training	6 September 2021 to 11 September 2021
3	N/o Amitha	District Hospital, Udupi	Visitor for COVID (Children ICU and Ventilator Management) training	6 September 2021 to 11 September 2021
4	N/o Renuka	District Hospital, Udupi	Visitor for COVID (Children ICU and Ventilator Management) training	6 September 2021 to 11 September 2021

Sl. No.	Visitor	Name of the Organization	Purpose of Visit	Date of Visit
5	N/o Nayana	Government Hospital, Kundapura	Visitor for COVID (Children ICU and Ventilator Management) training	6 September 2021 to 11 September 2021
6	N/o Vanitha	Government Hospital, Karkala	Visitor for COVID (Children ICU and Ventilator Management) training	6 September 2021 to 11 September 2021
7	Dr Venugopal	District Hospital, Udupi	Visitor for COVID (Children ICU and Ventilator Management) training	6 September 2021 to 11 September 2021
8	Dr Sujatha	Government Hospital, Kundapura	Visitor for COVID (Children ICU and Ventilator Management) training	6 September 2021 to 11 September 2021
9	Dr Vijayashankar (Anesthetist)	Government Hospital, Kundapura	Visitor for COVID (Children ICU and Ventilator Management) training	13 September 2021 to 18 September 2021
10	Dr Veena P S	ENT Surgeon, Government Hospital, Karkala	Visitor for COVID (Children ICU and Ventilator Management) training	13 September 2021 to 18 September 2021

#### **Palliative Medicine and Supportive Care**

1	Dr Priyadarshini Kulkarni	Director, Sympatico Palliative Care Services, Pune, Chairperson, the Indian Chapter of Elisabeth Kubler Ross Foundation	Guest Lecture on Grief and bereavement	15 January 2021
2	Sandeep Paul	Nursing Staff, Cipla Palliative Care and Training Centre Pune	Guest Lecture on Physical Nursing issues, Wound and pressure sore	5 February 2021
3	Gargi Kulkarni	Physiotherapy Staff, Cipla Palliative Care and Training Centre Pune	Guest Lecture on Physiotherapy and lymphedema	12 February 2021
4	Sangeetha Nair	Nursing Superintendent, Cipla Palliative Care and Training Centre Pune	Guest Lecture on Nursing issues, care of stoma and catheters	19 February 2021
5	Dr Prakash Fernandes	Cipla Foundation, Pune	Setting up Palliative Care Centre	4 June 2021
6	Dr Virupaksha Devaramane	President Rotary Club, Manipal	Volunteer work	29 July 2021
7	Dr Praneeth Suvvari	Basavatarakam Indo American Cancer Hospital and Research Centre, Hyderabad, Telangana	Visited for CTC training	29 August 2021 to 3 September 2021
8	Ms Paduri Manasa	Basavatarakam Indo American Cancer Hospital and Research Centre, Hyderabad, Telangana	Visited for CTC training	29 Aug 2021 to 03 Sep 2021

Sl. No.	Visitor	Name of the Organization	Purpose of Visit	Date of Visit
9	Dr Ganapathy K	CEO, JASCAP Mumbai	Training for volunteers of Palliative Medicine	6 December 2021 to 7 December 2021

#### Pharmacology

1	Dr Sushil Kiran	Medical Advisor, Novo Nordisc India	CME on Recent Developments in Diabetes Care	24 December 2021
2	Dr Amruta Tripathy	Masters student in European Health Economics and Management (MCI Innsbruck, Austria)	CME on Recent Developments in Diabetes Care	24 December 2021

#### Psychiatry

1	Dr Mohan Isaac	School of Psychiatry and Clinical Neurosciences, Faculty of Medicine, Dentistry and Health Sciences, University of Western Australia	Adjunct faculty lectures	4 January 2021 to 5 January 2021
2	Dr Kala Chakradhar	Department of Community Leadership and Human Services, College of Education and Human Services, Murray State University	Virtual guest lecture on Child protective services in the US	27 March 2021

#### Radiotherapy

1	Dr Sankar Venkataraman	Radiology, Cancer Care Manitoba Hospital, Hyderabad	Guest Lecture on Practice of Oncology beyond the Pandemic: what can be adopted and what cannot	21 February 2021
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#### Details of Publications:

National		International	
Indexed	Non - Indexed	Indexed	Non - Indexed
82	1	442	11

#### Conferences attended by Institution faculty and students:

Faculty		Student	
National	International	National	International
578	191	107	19

**Details of Conferences/Workshops conducted by the Institution:**

Particulars	National	International
CME/CDE	10	6
Conference	4	2
Workshop	44	5
Seminar	6	1
Other	20	1

**Books/chapters authored by faculty members:**



Sl. No.	Name of the Book	Chapter(s) name (if authored, chapters only)	Faculty members	Publisher	Date
<b>Dermatology</b>					
1	Postgraduate Dermatology	Pruritus and Prurigo	Dr Sudhir Nayak U K	Jaypee Brothers	31 December 2021
2	Postgraduate Dermatology	Figurate Erythema	Dr Sudhir Nayak U K	Jaypee Brothers	31 December 2021
3	Postgraduate Dermatology	Plant Dermatoses	Dr Smitha Prabhu S	Jaypee Brothers	31 December 2021
4	Postgraduate Dermatology	Eczema: Concept and Classification	Dr Varsha M Shetty	Jaypee Brothers	31 December 2021
5	Postgraduate Dermatology	Photodermatitis	Dr Sathish Pai B, Dr Sudhir Nayak U K	Jaypee Brothers	31 December 2021
6	Postgraduate Dermatology	Pemphigus	Dr Raghavendra Rao, Dr Varsha M Shetty	Jaypee Brothers	31 December 2021
7	Postgraduate Dermatology	Phototherapy and Photochemotherapy	Dr Sathish Pai B	Jaypee Brothers	31 December 2021
8	Postgraduate Dermatology	Wound Repair	Dr Varsha M Shetty	Jaypee Brothers	31 December 2021
9	IADV Atlas of Dermoscopy	Introduction to Dermoscopy	Dr Smitha Prabhu S	Jaypee Brothers	31 December 2021
<b>General Surgery</b>					
1	Fourth Edition Manipal Manual of Surgery with clinical methods for Dental Students		Dr K Rajgopal Shenoy	CBS Publishers and Distributors Pvt Ltd.	30 June 2021
<b>Infectious Diseases</b>					
1	COVID-19 and Diabetes	Special Feature and Approaches for preventing COVID-19: Among Healthcare Professionals	Dr Muralidhar Varma	Micro Labs Limited	30 April 2021

Sl. No.	Name of the Book	Chapter(s) name (if authored, chapters only)	Faculty members	Publisher	Date
<b>Medical Genetics</b>					
1	GeneReviews	EBF3 Neurodevelopmental Disorder.	Dr Dhanya Lakshmi N	GeneReviews	31 May 2021
<b>Obstetrics and Gynaecology</b>					
1	Highlights on Medicine and Medical Science	Successful maternal and fetal outcome in patients with Takayasu arteritis: two case reports	Dr Rekha Upadhya, Dr Muralidhar V Pai, Dr Jayaraman Nambiar	B P International	31 July 2021
2	New Frontiers in Medicine and Medical Research	A rare uterine cancer: Epithelioid leiomyosarcoma.	Dr Rekha Upadhya	B P international	30 November 2021
3	Machine Learning for Sustainable Development	Applications of conventional machine learning and deep learning for automation of diagnosis: a case study	Dr Shyamala G	2021 Walter de Gruyter GmbH, Berlin/Munich/Boston	31 August 2021
4	World Clinics Obstetrics and Gynaecology	Anaemia due to chronic diseases in Pregnancy	Dr Rekha	Jaypee Brothers medical publishers	31 July 2021
5	Text Book on Obstetric Haemorrhage		Dr Muralidhar V Pai	Jaypee Brothers	31 January 2021
<b>Pathology</b>					
1	Machine Learning for Sustainable Development	Application of conventional machine learning and deep learning for automation of diagnosis	Dr Brij Mohan Singh	De Gruyter	30 September 2021
2	Cancer Therapy - Paediatric Nasopharyngeal carcinoma.	Book - Cancer Therapy Chapter - Paediatric Nasopharyngeal carcinoma	Dr Vishwa Priya Godkindi	Meddocs international ebooks	31 March 2021



Sl. No.	Name of the Book	Chapter(s) name (if authored, chapters only)	Faculty members	Publisher	Date
<b>Pharmacology</b>					
1	Nano-pharmacokinetics and theranostics.	Nano-pharmacokinetics assessment.	Dr Amrita Parida	Academic Press (an imprint of Elsevier)	31 August 2021
<b>Reproductive Medicine and Surgery</b>					
1	New Frontiers in Medical Research	A rare uterine cancer: Epithelioid leiomyosarcoma.	Dr Vidyashree G Poojari	B P International	31 August 2021
2	Highlights on Medical Science	Successful maternal and fetal outcome in patients with Takayasu Arteritis: Two Rare Case Reports.	Dr Vidyashree G Poojari	B P International	31 July 2021

#### Details of Research Grants:

Sl. No.	Project Name	Principal Investigator	Funding Agencies	Total Grants Received (INR)	Date(s)
<b>Anatomy</b>					
1	Transcriptional and behavioural mechanisms underlying social isolation stress in Drosophila	Dr Pavan Kumar Agrawal	DBT, New Delhi	18,51,760.00	29 September 2021 to 28 September 2024
					
2	Deciphering the biological role of the three-mammalian eukaryotic Initiation Factor 4 Binding Proteins (4E-BPs) against a null background of their paralogues with the goal to identify their activators and repressors as potential therapeutic targets in neuroinflammatory disorders such as Parkinson's and astrocytoma's, which is a cancer in the CNS	Dr. Somasish Ghosh Dastidar	DBT, New Delhi	24,59,663.00	1 October 2019 to 30 September 2024
					
3	Exosomes from human pluripotent stem cell derived GABAergic interneuron progenitors:Next	Dr Dinesh Upadhya	SERB, New Delhi	7,00,000.00	15 December 2018 to 14





Sl. No.	Project Name	Principal Investigator	Funding Agencies	Total Grants Received (INR)	Date(s)
	generation vehicles for treating GABA				December 2021
					
4	Inspire Fellowship under INSPIRE Program - for Student pursuing full-time doctoral (Ph'D) Program at MAHE	Ms Namita N Kashyap, JRF & Guide Dr Dinesh Upadhya	DST, New Delhi	4,21,760.00	08 September 2021 to 07 September 2026
					
5	Evaluating urinary extra cellular vesicles in Parkinson's disease patients with severe non-motor symptoms	Dr Dinesh Upadhya	S N Nandi Foundation Trust, Kolkata	2,00,000.00	08 October 2021 to 09 October 2023
					
<b>Cardiology</b>					
1	Protocol No : CLCZ696D2302	Dr Tom Devasia	Novartis Healthcare Pvt Ltd	78,706.00	25 Nov 2017 to 24 Nov 2021
2	Protocol No. CTQJ230A12301 title: A randomized dubble-blind, placebo-controlled, multicenter trial assessing the impact of lipoprotein (a) lowering with TQJ230 on major cardiovascular events in patients with estrablished cardiovascular disease	Dr Tom Devasia	Novartis Healthcare Pvt Ltd	59,000.00	15 September 2021 to 31 December 2022
					
3	Protocol No. CTQJ230A12301 title: A randomized dubble-blind, placebo-controlled, multicenter trial assessing the impact of lipoprotein (a) lowering with TQJ230 on major cardiovascular events in patients with estrablished cardiovascular disease	Dr Tom Devasia	Novartis Healthcare Pvt Ltd	59,000.00	15 September 2021 to 31 December 2022

Sl. No.	Project Name	Principal Investigator	Funding Agencies	Total Grants Received (INR)	Date(s)
					
<b>Clinical Embryology</b>					
1	Functional and genetic integrity of spermatozoa extracted using microfluidic separation (MIGLIS)	Dr Satish Kumar Adiga	SAR Health Line Pvt Ltd	4,15,360/-	24 March 2020 to 23 March 2022
					
2	INSPIRE Fellowship under INSPIRE Program to Daphne Norma Crasta, JRF, Clinical Embryology	Daphne Norma Crasta, Supervisor - Dr Guruprasad Kalthur	DST, New Delhi	5,25,531/-	18 September 2020 to 17 September 2022
					
3	Fertility preservation in cancer affected prepubertal girls: experimental approaches to address the cryo-susceptibility of immature oocytes in relation to the ovarian age	Dr Satish Kumar Adiga	ICMR, New Delhi	15,47,208/-	1 January 2021 to 31 December 2023
					
4	Understanding the impact of sperm genetic abnormalities on ART derived human embryos: metabolomic and morphokinetic approach	Dr Satish Kumar Adiga	ICMR, New Delhi	18,76,946.00	28 Mar 2018 to 27 Mar 2021
					
5	Development of procedures for restoration of fertility in cancer affected male individuals, post chemotherapy	Dr Satish Kumar Adiga	SERB, New Delhi	10,82,665.00	28 January 2016 to 30 September 2019

Sl. No.	Project Name	Principal Investigator	Funding Agencies	Total Grants Received (INR)	Date(s)
					
6	Designing liposome based freezing medium for testicular tissue cryopreservation to aid in male fertility preservation	Dr Guruprasad Kalthur	ICMR, New Delhi	6,48,460.00	15 Feb 2018 to 14 Feb 2021
					
7	Structure based design and evaluation of inhibitors against phosphodiesterases for enhancing sperm motility and early embryo development and to reduce gamete and embryo toxicity	Dr Guruprasad Kalthur	SERB, New Delhi	10,73,400.00	22 Mar 2021 to 21 Mar 2024
					
8	Understanding the clomiphene citrate-induced changes in secretory epithelial cells of human fallopian tube	Dr Guruprasad Kalthur	ICMR, New Delhi	9,23,063.00	25 October 2021 to 24 October 2024
					
9	Experimental approach to assess the protective effects of Gonadotropin releasing hormone agonist (GnRH $\alpha$ ) in preventing the chemotherapy induced ovarian damage and transgenerational effects	Dr Shubhashree Uppangala	ICMR, New Delhi	6,17,100.00	15 December 2021 to 14 December 2024
					
<b>Community Medicine</b>					
1	SII-qHPV/IN-02	Dr Veena G Kamath	Diagno Search Life	40,60,248/-	22 August 2018 to 21 August 2023




Sl. No.	Project Name	Principal Investigator	Funding Agencies	Total Grants Received (INR)	Date(s)	
			Sciences Pvt Ltd			
2		Protocol No: Rab-04 A Phase IV, Randomized, Controlled study of the safety and immunogenicity of Rabisheild + Rabivax-S Postexposure Prophylaxis regimen in patients with potential Rabies Exposure	Dr Veena G Kamath	IQVIA RDS (India) Pvt Ltd	4,20,451.70	9 August 2019 to 8 August 2022
3		Socio-Cultural and environmental drivers of antibiotic resistance in the community, People, Physicians and pharmacists' perspectives on a mixed-methods approach	Dr Chythra R Rao	ICMR, New Delhi	5,65,316/-	15 October 2019 to 14 October 2022
4		Protocol No PCV-10-004 A Phase 3, Randomized, Double -Blind Study to Evaluate the Immunogenicity, Safety and Tolerability of Serum Institute of India's 10-valent Pneumococcal Conjugate Vaccine (PNEUMOSIL) in Healthy Indian Infants	Dr Veena G Kamath	Diagno Search Life Sciences Pvt Ltd	24,316/-	16 October 2019 to 15 October 2024
5		Protocol No. SII-wHEXA/IN-02 - An Open-Label, Randomized, Active-controlled, multi-centric phase II/III study in Indian Toddlers and infants to Assess the Immunogenicity and Safety of SIIPL HEXASIIIL tm (DTwP-HepB-IPV-Hib) Vaccine in Comparison to SIIPL Pentavac (DTwP-HepB-HiB) + Poliovac (IPV)	Dr Veena G Kamath	Diagno Search Life Sciences Pvt Ltd	27,74,585.48/-	12 November 2019 to 11 July 2022

Sl. No.	Project Name	Principal Investigator	Funding Agencies	Total Grants Received (INR)	Date(s)
	Vaccines in Administered as Separate injections				
					
6	Protocol No PCV-10-004 A Phase 3, Randomized, Dubble-Blind Study to Evaluate the Immunogenicity, Safety and Tolerability of Serum Institute of India's 10-valent Pneumococcal Conjugate Vaccine (PNEUMOSIL) in Healthy Indian Infants	Dr Veena G Kamath	Diagno Search Life Sciences Pvt Ltd	4,23,832.50/-	1 January 2020 to 16 October 2024
					
7	Protocol No PCV-10-004 A Phase 3, Randomized, Dubble-Blind Study to Evaluate the Immunogenicity, Safety and Tolerability of Serum Institute of India's 10-valent Pneumococcal Conjugate Vaccine (PNEUMOSIL) in Healthy Indian Infants	Dr Veena G Kamath	Diagno Search Life Sciences Pvt Ltd	4,05,222.50/-	1 January 2020 to 15 October 2024
					
8	Rotasiil® Vaccine Intussusception Surveillance in Kerala, Karnataka, Maharashtra and Gujarat, India	Dr Veena G Kamath	C M C Vellore Association, TN	9,17,686/-	1 February 2020 to 31 January 2022
					
9	Exploratory Study on implementing tobacco vendor licensing in Karnataka & Implementation of Tobacco Free School Guidelines in Urban area of Karnataka	Dr Muralidhar M K	JD (Medical) & Member Secretary, Directorate of Health & Family Welfare, Karnataka	1,69,883.00	02 January 2021 to 01 April 2021
					

Sl. No.	Project Name	Principal Investigator	Funding Agencies	Total Grants Received (INR)	Date(s)
10	Effectiveness of a healthcare governance model on the utilization of health care services among PVTG in Udupi District: A cluster randomized controlled trial	Dr Ranijitha S Shetty	ICMR, New Delhi	5,57,510.00	01 March 2021 to 28 February 2023
					
11	Protocol Number – BBIL/CHIKV/II-III/2019 - A Seamless Phase II/III observer-blind, multi-centre, randomized clinical trial to evaluate immunogenicity and safety of BBV87 an inactivated chikungunya virus vaccine in healthy subjects 12-65 years of age	Dr Veena G Kamath	Diagno Search Life Sciences Pvt Ltd	4,36,418.00	23 March 2021 to 22 August 2024
					
<b>Dermatology</b>					
1	Human Papilloma Virus (HPV) genotyping in women with Condyloma acuminata. A cross-sectional, hospital-based study	Dr Smitha Prabhu S	IADVL, Academy Bangalore	78,000/-	1 January 2021 to 31 March 2022
					
2	Protocol No. ALK20-SP12 - A Randomized, Double Blind, Multicentric, Parallel group, Phase III Clinical Trial to evaluate the efficacy & Safety of 5% Spironolactone Topical Cream versus Placebo in Patients with Acne Vulgaris	Dr Sathish Pai	Alkem Laboratories Ltd	59,000.00	05 March 2021 to 31 December 2022
					
3	Comparison of conventional indirect immunofluorescence with biochip mosaic slide in the	Dr Raghavendra Rao	IADVL, Academy Bangalore	1,90,750.00	01 October 2019 to 31 March 2021

Sl. No.	Project Name	Principal Investigator	Funding Agencies	Total Grants Received (INR)	Date(s)
	diagnosis of autoimmune bullous disorders-A cross-sectional study				
					
	<b>Gastroenterology</b>				
1	Protocol No GS-US-419-3896 title A Long-term extension study to Evaluate the Safety of Filgotinib in subject with Crohn's Disease	Dr Shiran Shetty	KlinEra Corporation India, Mumbai	60,000/-	4 January 2018 to 13 January 2022
					
2	Protocol No GS-US-418-3899 A Long-Term Extension Study to evaluate the safety of Filgotinib in Subjects with Ulcerative Colitis	Dr Ganesh Pai	KlinEra Corporation India, Mumbai	3,37,455	4 January 2018 to 31 December 2022
					
3	Protocol No. GS-US-418-4279 Study entitled A Randomized, double-blind, Placebo-controlled Phase 2 study to Evaluate the Testicular safety of Filgotinib in Adult Males with Moderately to Severely Active Inflammatory Bowel Disease	Dr Shiran Shetty	KlinEra Corporation India	1,35,962/-	26 November 2018 to 25 November 2023
					
4	Protocol No.: GS-US-418-3898 : "Combined Phase 3, Double-blind, Randomized, Placebo-Controlled Studies Evaluating the Efficacy and Safety of Filgotinib in the Induction and Maintenance of Remission in Subjects with Moderately to Severely Active Ulcerative Colitis".	Dr Ganesh Pai	KlinEra Corporation India, Mumbai	60,000.00	04 January 2018 to 03 January 2020



Sl. No.	Project Name	Principal Investigator	Funding Agencies	Total Grants Received (INR)	Date(s)
					
5	GS-US-419-3895	Dr Ganesh Pai	KlinEra Corporation India, Mumbai	60,000.00	04 January 2018 to 03 January 2020
					
6	Pfizer Protocol No.B7541007 Study entitled "A Phase 2B, Multicentre, Randomized, Double-blind, Placebo-controlled dose ranging study to evaluate the efficacy, Safety, and Pharmacokinetics of PF-06480605 in adult participants with moderate to severe ulcerative colitis	Dr Shiran Shetty	ICON Clinical Research India Pvt Ltd	1,18,000.00	26 August 2021 to 31 December 2022
					

### General Surgery

1	Protocol ID: SRPL/DFU/18-19/001 Protocol Title: A Label extension, Randomized, Double-Blind, Placebo-Controlled, Multicentre, Single Dose, Phase III Study Assessing the Efficacy and Safety of Peri-ulcer Administration of Stempeucel® (Adult Human Bone Marrow-Derived, Cultured, Pooled, Allogeneic Mesenchymal Stromal Cells) in Patients with Non-Healing Diabetic Foot Ulcer.	Dr Prasad S S	JSS Medical Research India Pvt Ltd, Haryana	56,451.20/-	26 February 2020 to 31 December 2022
2	Protocol No. IND-Healthium-PD Synth-2019-3 entitled Single-blind, randomized study comparing clinical equivalence of PD Synth and PDS, slowly absorbed polydioxanone sutures, for abdominal fascial closure following elective/emergency midline laparotomy	Dr Stanley Mathew	Healthium Meditech Pvt Ltd	35,400/-	20 May 2020 to 19 May 2025
3	Serum Parathyroid hormone and Vitamin D levels as predictors of	Dr Sunil Krishna M	Roche Diagnostics India Pvt Ltd	1,36,500.00	25 March 2021 to 31 August 2022

Sl. No.	Project Name	Principal Investigator	Funding Agencies	Total Grants Received (INR)	Date(s)
	hypocalcaemia after total/Near total thyroidectomy				
<b>Immunohaematology and Blood Transfusion</b>					
1	Study of the clinical significance of the red cell antibodies using Monocyte Monolayer Assay	Dr Shamee Shastry C	Terump Penpol Pvt Ltd	1,00,000.00	05 June 2021 to 04 June 2023
					
2	Understanding the pathophysiology of Snakebite Associated Thrombotic Microangiopathy	Dr Ganesh Mohan	ICMR, New Delhi	8,04,966.00	27 July 2021 to 26 July 2022
					
<b>Infectious Diseases</b>					
1	Intravenous Treatment for scrub Typhus (INTREST Trial)	Dr Kavitha Saravu	C M C Vellore Association, TN	10,00,000/-	29 December 2017 to 20 June 2022
					
2	Protocol 63623872FLZ3002: A phase 3 randomized, double-blind, placebo-controlled, multi-centre study to evaluate the efficacy and safety of Pimodivir in combination with the standard-of-care treatment in adolescent, adult, and elderly non-hospitalized subjects with Influenza an infection who are at Risk of Developing Complications	Dr Muralidhar Varma	IQVIA RDS (India) Pvt Ltd	5,02,309.48/-	3 April 2019 to 31 December 2022
					
3	Scrub typhus: Clinico-epidemiological analysis, humoral immune response and Molecular Characterization of Orientia tsutsugamushi	Dr Kavitha saravu	SERB, New Delhi	15,34,360.00	18 February 2021 to 17 February 2024

Sl. No.	Project Name	Principal Investigator	Funding Agencies	Total Grants Received (INR)	Date(s)
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### Medical Genetics

1	Liquid Biopsy Strategies for early detection and treatment monitoring of Human Papilloma Virus (HPV) associated cancers in India	Dr Rama Rao Damerla	Regional Centre for Bio-technology, Faridabad	22,22,000/-	3 June 2019 to 2 June 2024
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2	Clinical and Molecular Characterization of Leukodystrophies in India Children	Dr Anju Shukla	ICMR, New Delhi	18,39,277.00	15 September 2016 to 14 September 2019
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3	Does Postmortem Magnetic Resonance Imaging of Fetal Brain Help in Autopsy	Dr Girisha K M	ICMR, New Delhi	4,24,271.00	01 August 2017 to 31 July 2020
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4	Investigating the crosstalk between primary cilia and autophagy in chondrogenesis and its modulation by Fibroblast growth factor (FGF) signaling in FGFR3 related skeletal dysplasias in vitro	Dr Priyanka Upadhyai	ICMR, New Delhi	12,37,813.00	01 February 2021 to 31 January 2024
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5	Investigating the role of IFT52 and EXOC6B in human biology and disease using cell-culture and Drosophila systems	Dr Priyanka Upadhyai	SERB, New Delhi	10,879.00	30 March 2017 to 29 March 2020
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Sl. No.	Project Name	Principal Investigator	Funding Agencies	Total Grants Received (INR)	Date(s)
6	Genetic Evaluation of Inborn Errors of Immunity in Indian Population	Dr Sri Lakshmi Bhavani Gandham	ICMR, New Delhi	16,97,473.00	30 July 2021 to 29 July 2024
					
7	Understanding autoinflammatory disorders through clinical, genomic and functional approaches	Dr Dhanya Lakshmi Narayanan	DBT/ Wellcome Trust India Alliance	20,75,224.00	01 September 2021 to 31 August 2026
					
8	Deep Phenotyping, Comprehensive Genomic Studies and Investigations into Pathomechanisms of Congenital Heart Defects	Dr Shalini S Nayak	DBT, New Delhi	19,01,260.00	24 August 2021 to 23 August 2024
					
9	Center for Rare Disease Diagnosis, Research & Training	Dr Girisha K M	DBT Wellcome Trust	1,19,00,800.00	01 October 2021 to 30 September 2026
					

### Medical Oncology

1	Protocol No LUF-44-005 entitled Safety and Efficacy of Transarterial Chemoembolization with Lipiodol® in the treatment of inoperable Hepatocellular Carcinoma (HCC) in Indian Patients - Phase IV Clinical Trial	Dr Ananth Pai	Siro Clinpharm Pvt Ltd	3,07,871.44/-	22 October 2020 to 31 December 2022
					
2	Protocol No. D361BC00001 entitled A Phase III Double-blind, Randomised, Placebo-Controlled Study Assessing the Efficacy and Safety of Capivasertib + Abiraterone Versus Placebo +	Dr Karthik Udupa	Astrazeneca Pharma India Limited	76,700/-	4 November 2020 to 17 July 2026

Sl. No.	Project Name	Principal Investigator	Funding Agencies	Total Grants Received (INR)	Date(s)
	Abiraterone as Treatment for Patients with De Novo Metastatic Hormone-Sensitive Prostate Cancer (mHSPC) Characterised by PTEN deficiency (CAPItello-281)				
					
3	Protocol No. D9106C00001 A phase 3, double-blind, placebo-controlled, multicentre international study of Neoadjuvant/Adjuvant Durvalumab for the Treatment of Patients with Resectable Stages II and III Non-Small Cell Lung Cancer (AEGEAN)	Dr Karthik Udupa	Astrazeneca Pharma India Limited	1,29,922.72/-	4 December 2020 to 31 October 2025
					
4	To identified genetic variant in hereditary breast and ovarian cancer and association of non-confounding genetic factors and their frequency in hereditary breast and ovarian cancer	Dr Karthik S Udupa	Natco Pharma Limited, Hyderabad	3,00,000.00	20 August 2020 to 21 August 2021
					
5	Study Code. D516AC00001 Title "A Phase III, Randomised, Controlled, Multi-centre, 3-Arm Study of Neoadjuvant Osimertinib as Monotherapy or in Combination with Chemotherapy versus Standard of Care Chemotherapy Alone for the Treatment of Patients with Epidermal Growth Factor Receptor Mutation Positive, Resectable Non-small Cell Lung Cancer (NeoADAURA)	Dr Karthik S Udupa	Astrazeneca Pharma India Limited	1,18,000.00	30 June 2021 to 31 October 2029


Sl. No.	Project Name	Principal Investigator	Funding Agencies	Total Grants Received (INR)	Date(s)
					
<b>Medicine</b>					
1	DIREGL08112-LANDMARC (356-77)	Dr Sudha Vidyasagar	Sanofi India Limited	14,160/-	1 March 2017 to 1 January 2023
					
2	Prevalence of cognitive dysfunction in type 2 diabetes mellitus patients in the Indian population and understanding their possible link through targeted lipidomics approach	Dr Mukhyaprana Prabhu	RSSDI, New Delhi	1,33,333/-	20 July 2019 to 19 July 2022
					
3	SLE-BRAVE-11 (14V-MC-JAIA)	Dr Mukhyaprana Prabhu	PPD Pharmaceuticals Development India Pvt Ltd	13,48,255.14/-	1 August 2019 to 31 July 2024
					
4	Tips-3	Dr Sudha Vidyasagar	St. John's Research Institute, Bangalore	1,10,006.00	22 October 2014 to 21 October 2020
					
5	A randomized controlled trial of hydroxychloroquine (HCQ) compared to standard care for the prevention of COVID-19 infections among healthcare workers (HCW) exposed to SARS-CoV2" HOPE – HydrOxychloroquine Prophylaxis Evaluation	Dr Cynthia Amrutha Sukumar	George Institute for Global Health, New Delhi	1,70,271.00	01 September 2020 to 28 February 2021
					
6	DIREGL08112-LANDMARC(356-74)	Dr Raviraj Acharya	Sanofi India Limited	96,760.00	01 March 2017 to 31 July 2021

Sl. No.	Project Name	Principal Investigator	Funding Agencies	Total Grants Received (INR)	Date(s)
					
7	Protocol No 14V-MC-JAIM title" A Phase 3, double-blind, Multicenter study to evaluate the long term safety and efficacy of Baricitinib in patients with Systemic lupus Erythematosus (SLE)	Dr Mukhyaprana Prabhu	PPD Pharmaceutical Development India Pvt Ltd	59,000.00	08 March 2021 to 31 December 2022
					
8	Clinical Study to validate the innovative technology of non-contact health screening kiosk for COVID-19 patients visiting Kasturba Hospital	Dr Muralidhar Varma	Philips India Ltd, Bangalore	5,30,849.00	16 November 2020 to 31 December 2022
					
9	Protocol No 082-20 title "A prospective, Open-Label, Multi-centered, Non-Randomized, Non-Comparative Active Post-Marketing Surveillanceto test the safety and efficacy of Diperoxochloric Acid (DPOCL) topical solution in patients with diabetic neuropathic ulcers of skin and subcutaneous tissue	Dr Shivashankar K N	Centaur Pharmaceuticals Pvt Ltd	1,29,800.00	25 January 2022 to 31 December 2022
					
<b>Microbiology</b>					
1	Regional Centre for Antimicrobial Resistance Surveillance Network	Dr Chiranjay Mukhopadhyay	ICMR, New Delhi	5,94,790/-	1 July 2018 to 30 June 2023
					
2	Capacity building and strengthening of Hospital Infection	Dr Chiranjay Mukhopadhyay	JPN Apex Trauma Centre, All	11,00,000.00	30 September 2017 to 29




Sl. No.	Project Name	Principal Investigator	Funding Agencies	Total Grants Received (INR)	Date(s)
	Control to Detect and Prevent Antimicrobial Resistance in India 		India Institute of Medical Sciences, New Delhi		September 2021
3	Evaluation Program of Vitek2 Critical Care Card 	Dr Vandana K E	BioMerieux India Pvt Ltd	41,000.00	13 September 2021 to 12 November 2021
<b>Nephrology</b>					
1	Protocol No. PHI200807 A phase 3 randomized open-label (Sponsor-blind) active-controlled parallel-group multicentre, event-driven study in dialysis subjects with anaemia associated with chronic kidney disease to evaluate the safety and efficacy of daprodustat compared to recombinant human erythropoietin following a switch from erythropoietin-stimulating agents 	Dr Ravindra Prabhu	PPD Pharma- ceutical Development India Pvt Ltd	64,900/-	24 November 2017 to 23 May 2022
2	A phase 3 randomized, open-label active-controlled parallel-group, a multicenter event-driven study in non-dialysis subjects with anaemia associated with chronic kidney disease to evaluate the safety and efficacy of GSK1278863 compared to darbepoetin alfa Protocol No. PHI200808 	Dr Ravindra Prabhu	PPD Pharma- ceutical Development India Pvt Ltd	64,900/-	24 November 2017 to 23 May 2022
3	Protocol No. GS-US-223-1017 "A Phase 3, Randomized, Double-Blind, Placebo-Controlled, Parallel Group, Multicenter Study Evaluating 	Dr Ravindra Prabhu	Klinera Global Services, Mumbai	59,000.00	05 February 2021 to 04 February 2026



Sl. No.	Project Name	Principal Investigator	Funding Agencies	Total Grants Received (INR)	Date(s)
	the Efficacy and Safety of Selonsertib in Subjects with Moderate to Advanced Diabetic Kidney Disease"				
					
4	Prediction method to assess Diabetic Nephropathy (DN) Risk & its Complication in relation to Diabetic Retinopathy(DR)	Dr Shankar N Prasad	Carl Zeiss India, Pvt Ltd	34,220.00	23 April 2021 to 30 September 2021
					
5	Prediction method to assess Diabetic Nephropathy (DN) Risk & its Complication in relation to Diabetic Retinopathy(DR)Changes using machine learning ML method in diabetic population	Dr Shankar Prasad N	Carl Zeiss India, Pvt Ltd	4,48,400.00	23 April 2021 to 30 September 2021
					
6	Comparison of Pharmacokinetics principles of anti-tuberular drugs in Tuberculosis (TB) Patients with and without Chronic kidney disease (CKD)	Dr Ravindra Prabhu	ICMR, New Delhi	10,03,941.00	01 October 2021 to 30 September 2024
					
7	Role of remote ischaemic conditioning in prevention of contrast induced nephropathy following percutaneous coronary intervention: a randomised controlled trial	Dr Indu Ramachandra Rao	ICMR, New Delhi	11,92,122.00	03 January 2022 to 02 January 2025
					

Sl. No.	Project Name	Principal Investigator	Funding Agencies	Total Grants Received (INR)	Date(s)
8	Effect of Integrated Focused Renal Supportive Care on Symptom Burden, Quality of life and Advance Care Planning in End stage Renal disease Patients: A Randomized Controlled Trial	Dr Shankar Prasad Nagaraju	ICMR, New Delhi	4,68,100.00	15 October 2021 to 14 October 2024
					

### Neurology

1	Establishment of the Indian Stroke Clinical Trial Network (INSTRuCT)	Dr Aparna R Pai	ICMR, New Delhi	3,40,454/-	30 March 2017 to 29 March 2022
					
2	Secondary Prevention by Structured Semi-Interactive Stroke Prevention Package in India (SPRINT)_INDIA	Dr Aparna R Pai	ICMR, New Delhi	63,322.00	30 Mar 2017 to 29 Mar 2021
					
3	Protocol No. VIB0551.P3.S1 : A Randomized, Double-blind, Multicenter, Placebo-Controlled Phase 3 Study with Open-label Period to Evaluate the Efficacy and Safety of Inebilizumab in Adults with Myasthenia Gravis	Dr Arvind N Prabhu	Medpace Clinical Research India Pvt Ltd	59,000.00	06 July 2021 31 to December 2022
					

### Obstetrics and Gynaecology

1	Collaboration to undertake two research projects in order to achieve its objective of developing assistive AI Systems for fetal Ultrasonography	Dr Akhila Vasudeva	Chennai Origin Health Software Technologies Pvt Ltd	11,80,000/-	28 August 2020 to 27 August 2022
					

Sl. No.	Project Name	Principal Investigator	Funding Agencies	Total Grants Received (INR)	Date(s)
2	Clinical Phenotypes and genetic regulation of endometriosis in Indian women 	Dr Muralidhar V Pai	ICMR- National Institute for Research Health, Mumbai	38,000/-	29 October 2020 to 28 October 2024
3	Research plan for data Acquisition study for developin AI Algorithms to predict preterm Labor & Averse Perinatal outcome 	Dr Akhila Vasudeva	Philips India Ltd, Bangalore	21,26,894.00	01 June 2021 to 31 July 2023
<b>Orthopaedics</b>					
1	SRPL-OA-16-17/001 	Dr Vivek Pandey	Ecron Acunova Limited	1,96,824.00	13 November 2018 to 12 November 2021
<b>Paediatric Surgery</b>					
1	Cluster randomized Trial od sterile glove and instrument change at the time of wound closure to reduce surgical site infection (CHEETAH) in India 	Dr Vijay Kumar	Christian Medical College, Ludhiana	4,20,000.00	01 August 2020 to 30 June 2022
<b>Paediatrics</b>					
1	Protocol: C3591024 title: A Phase 2A, 2-Part, Open-Lable, Non-Randomized, Multicenter, Single and Multiple Dose Trial to Evaluate Pharmacokinetics, safety and Tolerability of Ceftazidime and avibactam in Neonates and infections due to Gram-Negative Pathogens Requiring Intravenous Antibiotic Treatment	Dr Leslie Lewis	Inventiv International Pharma Services Pvt Ltd	83,557.84	28 January 2021 to 31 December 2022

Sl. No.	Project Name	Principal Investigator	Funding Agencies	Total Grants Received (INR)	Date(s)
					
2	Protocol No 53718678RSV3001 "A Phase 3, Randomized, Double-blind, Placebo-controlled study to evaluate the efficacy and safety of Rilematovir in infants and Children and Subsequently in Neonates Hospitalized with Acute Respiratory"	Dr Leslie Edward S Lewis	Johnson & Johnson Pvt Ltd	1,41,600.00	13 January 2021 to 31 December 2022
					
<b>Pathology</b>					
1	Biomarker Expression Analysis in Breast Cancer	Dr Kanthilatha Pai	Applied Materials India Pvt Ltd	14,11,280.00	29 July 2019 to 28 July 2022
					
<b>Palliative Medicine and Supportive Care</b>					
1	Developing a model for real time analgesia for drug delivery by assessing nociceptive chemical mediators	Dr Naveen Salins	ICMR, New Delhi	8,46,660.00	15 February 2021 to 14 February 2024
					
<b>Pharmacology</b>					
1	Role of sirtuins in gender based neuro-developmental toxicity in fluorosis: a preclinical study	Dr Smita Shenoy	ICMR, New Delhi	9,80,313.00	17 January 2022 to 16 January 2023
					
<b>Psychiatry</b>					
1	Protocol No NOPRODSCH4001: An observational study for schizophrenia relapse prediction	Dr PSVN Sharma	IQVIA RDS (India) Pvt Ltd	77,581/-	11 April 2019 to 31 December 2022

Sl. No.	Project Name	Principal Investigator	Funding Agencies	Total Grants Received (INR)	Date(s)
2	Protocol No R092670PSY3015 title A double-blind, randomized, active-controlled, parallel-group study of Paliperidone Palmitate 6-Month Formulation	Dr PSVN Sharma	Johnson & Johnson Pvt Ltd	1,34,505.84/-	4 June 2019 to 31 December 2022
3	Clinical Research Centre for Neuromodulation in Psychiatry	Dr Samir Kumar Praharaj	NIMHANS, Bangalore	16,50,000/-	1 July 2020 to 30 June 2025
<b>Radiotherapy</b>					
1	Protocol No TX05-03 title" A randomized, double-blind, parallel group, Phase III trial to compare the efficacy, safety, and immunogenicity of TX05 with Herceptin in subjects with HER2 positive early breast cancer	Dr Krishna Sharan	JSS Medical research India Pvt Ltd	7,75,079.70	01 June 2019 to 31 March 2021



#### Awards/Recognitions: Faculty Members

Sl. No.	Name	Details	Date
<b>Anatomy</b>			
1	Dr Sushma Prabhath	First Prize in E-poster Competition during National Youth Day 2021	20 January 2021
2	Dr Sushma Prabhath	Best Paper Presentation Award at e-National Conference, AVEOCON 2021 held on 9 and 10 July 2021	10 July 2021
<b>Biochemistry</b>			
1	Dr Vijetha Belle	Received Copyright	11 March 2021
2	Dr Vijetha Shenoy B	Won First Prize in Poster presentation, at 2nd International conference on Neuroscience and Neurology held on 17 and 18 July 2021	18 July 2021
<b>Cardiology</b>			
1	Dr Abdul Razak	Received - Fellow of the American College of Cardiology (FACC)	1 May 2021
2	Dr M Sudhakar Rao	Received - Fellow of the American College of Cardiology (FACC)	1 July 2021



Sl. No.	Name	Details	Date
3	Dr Abdul Razak	Received - Fellow in The Society for Cardiovascular Angiography and Interventions	5 November 2021
4	Dr Abdul Razak	Received - Fellow of the European Society of Cardiology	6 November 2021
<b>Clinical Embryology</b>			
1	Ms Keerthana Poojary	Received Kusum Lata travel award from Society of Reproductive investigation at the 68th Annual meeting- Bromodomain extra terminal (BET) family inhibitor JQ1 inhibits nuclear maturation of oocytes and early embryo development in the vitro-oral presentation	17 May 2021
2	Dr Guruprasad Kalthur	Received Kusum Lata travel award from Society of Reproductive investigation at the 68th Annual Meeting- Membrane Lipid Rich Freezing Medium Improves Pre-Pubertal Testicular Tissue Cryosurvival-oral presentation held from 6 to 7 July 2021	9 July 2021
3	Dr Guruprasad Kalthur	Best paper presentation award at AVEOCON 2021- Anatomical Society of India-Bromodomain extra terminal family inhibitor JQ1 inhibits nuclear maturation and cytoplasmic organization in oocytes held from 9 to 10 July 2021	10 July 2021
4	Dr Satish Kumar Adiga	Received Dr Subhas Mukarjee award 2020 from ICMR in recognition of his outstanding contribution to the field of In vitro fertilization (IVF)	28 December 2021
<b>Community Medicine</b>			
1	Dr Ashwini Kumar	Invited as Rapid Response Team (RRT) consultant by WHO regional office for the management of COVID-19 cases in Karnataka, for the period of 11 months.	25 January 2021
2	Dr Eshwari K	Honoured as one of the COVID Warrior during the 72nd Republic Day Celebration, MAHE, Manipal	26 January 2021
3	Dr Sneha D Mallya	Honoured as one of the COVID Warrior during 72nd Republic Day Celebration, MAHE, Manipal	26 January 2021
4	Dr Chythra R Rao	Won second prize in an e-poster presentation at IAPSMCON 2021, at the 48th Annual National Conference of the Indian Association of Preventive and Social Medicine	20 March 2021
5	Dr Ranjitha S Shetty,	Young Researcher Award at the fifth World Cancer Congress held from 25 to 26 September 2021	26 September 2021

Sl. No.	Name	Details	Date
<b>Critical Care</b>			
1	Dr Vishal Shanbhag	Recognition and felicitation on 72nd Republic Day by MAHE as COVID Warrior for the work done for the institution.	26 January 2021
<b>Department of Emergency Medicine</b>			
1	Dr Vimal Krishnan	Award for Outstanding Dedication and Service done during the time of COVID-19, by International Social Development Organization.	11 November 2021
2	Dr Freston Marc Sirur	Appointed as Medical Director, in Wilderness Medical Services, at India's Ultimate Warriors, held from 12 to 26 November 2021	26 November 2021
3	Dr Jayaraj Mymbilly Balakrishnan	Received Dr Kelly P O'keefe Academician of the year, for LifeTime Work in building Academic Emergency Medicine Departments at Jubilee and MAHE, International Level Wasem 2021.	17 December 2021
<b>Gastroenterology</b>			
1	All staff	Doctors of the Department of Gastroenterology and Hepatology, KMC and Hospital, Manipal performed third space endoscopy, incision-less treatment for achalasia cardia – Peroral Endoscopic Myotomy (POEM) for the first time in this part of Karnataka	13 May 2021
2	Dr Balaji Musunuri, Dr Shiran Shetty	'Award Certificate, Engineered Science Publisher' certifies Best Paper Award to the paper titled, "Acute on chronic liver failure Mortality Prediction using an artificial Neural Network".	31 December 2021
<b>General Surgery</b>			
1	Dr Suhas U	Best Poster at 39th Annual Conference Karnataka State Chapter of Associations of Surgeons of India	14 February 2021
2	Dr Anumita Sinha	First Place in the FMAS exam for March 2021 Batch, by the World Association of Laparoscopic Surgeons	14 March 2021
<b>Immuno Haematology and Blood Transfusion</b>			
1	Dr Dhivya Kandasamy	Received certificate for "I TRY IT 2020", and underwent young investigator research training (six weeks course).	20 February 2021
2	Dr Shamee Shastry	Selected as an expert for Severity Grading Tool (SGT) study under the National Donor Vigilance Program of India during National Hemovigilance of India	5 July 2021

Sl. No.	Name	Details	Date
3	Dr Shamee Shastry	Elected as Secretary of AATM - India Chapter for two years	18 December 2021
4	Dr Shamee Shastry	First prize for E-poster in national conference TRANSMEDCON 2021 held on 18 and 19 December 2021.	18 December 2021
<b>Medical Education</b>			
1	Dr Kirtana R Nayak	Received FAIMER CMCL Fellowship	1 May 2021
2	Department	Department has been recognized as one of the regional centres for PG teachers from standalone PG teaching Institutions by NMC.	7 May 2021
<b>Medical Genetics</b>			
1	Department 	Department received grants to establish a Centre for Rare Disease Diagnosis, Research and Training from DBT Welcome Trust India Alliance worth 13 crores INR.	16 June 2021
<b>Medicine</b>			
1	Dr M M Prabhu	ACP India Educator Award for the Year 2021, by the American College of Physician India Chapter -Annual Meeting, on the occasion of Doctor's Day Celebration as "Corona Saviour", held from 10 December 2021 to 12 December 2021	12 December 2021
<b>Nephrology</b>			
1	Departments of Nephrology and Palliative Medicine and Supportive Care	A special supplement for Renal Palliative care was developed by both the departments. Both department consultants of Nephrology and Palliative Medicine and Supportive Care are well appreciated across the country for their initiative – First time published guideline and opinion on Renal Palliative Medicine in India. It was endorsed by the India Society of Nephrology.	11 March 2021
2	Dr Dharshan Rangaswamy	Received seed money grant proposal Titled "Clinical outcome correlation among newly diagnosed lupus nephritis patients in relation to the peripheral blood lymphocyte subset, renal tissue inflammatory cell distribution and immunosuppressive regimen: A prospective observational study" of 35,000/- INR for a period of April 2021 to March 2023.	25 March 2021



Sl. No.	Name	Details	Date
3	Dr Ravindra Prabhu A	NephSAP Review Panellist -January 2022 through December 2026	30 December 2021
<b>Neuro Surgery</b>			
1	Dr Girish Menon, Dr Ajay Hegde	Paul Dudley White International Scholar Award presented by The American Heart Association to Recognize the Authors with the Highest Ranked Abstract from India at International Stroke Conference 2021	1 April 2021
<b>Neurology</b>			
1	Dr Sripadma P V	Awarded second prize at 28th Annual Conference of Indian Academy of Neurology (IANCON 2021)	11 November 2021
2	Dr Arvind N Prabhu	Certificate of Appreciation during the year 2020-21 from Dean, KMC, MAHE, Manipal.	3 December 2021
<b>Obstetrics and Gynaecology</b>			
1	Department of OBG	Ranked number seventh in Best Gynaecology Hospitals in India - Times of India.	30 June 2021
2	Dr Deeksha Pandey	New Age Technology in Life Sciences Award 2021	10 December 2021
3	Dr Deeksha Pandey	Received Sir C V Raman Young Scientist Award, Scientific Research and Technology by SPIHER 2021.	15 December 2021
<b>Ophthalmology</b>			
1	Department of Ophthalmology	Received BIG BIRAC grant (50 lakhs INR) along with the Department of Biotechnology MIT Manipal, for nanoparticle drug delivery implant after cataract surgery.	5 February 2021
2	Dr Shailaja S	Section Winner-3, Brain Teasers Quiz Number 1 Season 2	15 February 2021
3	Dr Sulatha V Bhandary	Received award- GSB Sadhaki	8 March 2021
<b>Orthopaedics</b>			
1	Dr Mithun Pai G	Second best paper award for his paper "Outcome of radialization with ulnar cuff osteotomy for radial longitudinal deficiency – A midterm follow up study" at ISSHCON 2021 (virtual conference) held in Chennai from 6 to 7 August 2021	6 July 2021
2	Dr Mithun Pai G	Under the guidance of Dr Anil K Bhat, Professor and Head, Department of Hand Surgery and Dr Ashwath Acharya, Associate Professor, Department of Hand Surgery won the second best paper award for his paper "Outcome of radialization with ulnar cuff osteotomy for radial	7 August 2021

Sl. No.	Name	Details	Date
		longitudinal deficiency – A midterm follow up study” at ISSHCON 2021 (virtual conference) held at Chennai between 6.8.2021-7.8.2021	
3	Dr Anil K Bhat	A A John consultant gold medal for the paper "Radiological outcomes of corrective osteotomy of extra-articular distal radius malunion using volar locking plate without bone graft". The 20th Annual Conference of Orthopaedic Association South Indian States at Salem was held from 23 September 2021 to 25 September 2021.	25 September 2021
<b>OTO Rhino Laryngology</b>			
1	Dr Shama Shetty	Second place in Essay writing competition conducted by Department of Commerce, MAHE, Manipal	5 July 2021
<b>Paediatric Surgery</b>			
1	Dr Harsha R Acharya	Appointed as Safety officer, Kasturba Hospital, Manipal.	30 January 2021
<b>Paediatrics</b>			
1	Department of Paediatrics	Received the Fist GRANT	5 March 2021
			
2	Dr Leslie E Lewis	Award is given for taking good care of HIV positive Neonatal babies. Award was given on World AIDS Day at Shri Dharmasthala Rashtriya Swasahaya Sangha Training Agency Hall, Ambalapady by District AIDS Control Officer	2 December 2021
			
<b>Palliative Medicine and Supportive Care</b>			
1	Dr Naveen Salins	'Honorary Professor' title by Cardiff University from 1 January 2021 to 31 December 2026.	24 June 2021
2	Dr Mayank Gupta	For the first time performed the Fluoroscopic guided Radio Frequency Ablation of Gasserian Ganglion	30 December 2021
<b>Pathology</b>			
1	Dr Sindhura Lakshmi	Winner of online flow cytometry quiz during Advances in Clinical Flowcytometry, Virtual Leukemia, Lymphoma and MRD awareness program- BD Life Sciences, Biosciences	21 January 2021

Sl. No.	Name	Details	Date
2	Dr Sindhura Lakshmi K L	Got the opportunity to write about student mobility at the time of COVID-19 at The Association of Common Wealth Universities.	31 December 2021

### Pharmacology

1	Dr Shivaprakash G	INSA program award - INSA Fellowship - 2021 held from 23 October 2021 to 23 January 2022	20 October 2021
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### Radiotherapy

1	Dr Krishna Sharan	Received a grant of 20,000/- INR by Shastri Indo-Canadian Institute	30 November 2021
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2	Dr Anshul Singh	As Chief of Patent and Copyright Cell-In recognition of the hard work and dedication in conducting Talks, Workshops, Seminars and valuable contribution to the Research Cell Committee during the year 2020-21.	3 December 2021
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3	Dr Shirley L Salins	As Member of Patent and Copyright Cell-In recognition of the hard work and dedication in conducting Talks, Workshops, Seminars and valuable contribution to the Research Cell Committee during the year 2020-21.	3 December 2021
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### Reproductive Medicine and Surgery

1	Dr Pratap Kumar	Star Connect Award received from Pune Obstetric and Gynaecological Society during Star Connect Series-As teacher of teachers	22 July 2021
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2	Dr Pratap Kumar	Received Teachers Day Award during FOGSI Teachers day. Organized by the Federation of Obstetric and Gynaecological Societies of India (FOGSI) and the Indian College of Obstetricians and Gynaecologists (ICOG)	5 September 2021
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3	Dr Pratap Kumar	"Lifetime Achievement Award" for the year 2021- Outstanding service to women hood and Medical Education for more than three decades by Karnataka State Obstetrics and Gynaecology Association (KSOGA)-31st KSOGA conference at Davangere	17 December 2021
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Sl. No.	Name	Details	Date
4	Dr Pratap Kumar	Fellow of Karnataka College of Obstetricians and Gynaecologists (FKCOG) degree-Outstanding service to women hood, Medical Education and Karnataka State Obstetrics and Gynaecology Association-32nd KSOGA conference at Davangere	17 December 2021

#### Students

Sl. No.	Name	Details	Date
<b>Clinical Embryology</b>			
1	Ms Pooja SP, PhD Scholar	Received first prize in the Best shot photography award. Photography Competition organized by Department of Commerce MAHE	30 April 2021
2	Riddhi Pandya (PhD Scholar)	Awarded Congress Registration Grant by @etw2021 to attend the virtual edition of the 21st European Testis Workshop held from 30 May to 3 June 2021.	3 June 2021
3	Ms Daphne N Crasta (PhD Scholar)	Awarded prestigious 'Fullbright Nehru Doctoral Research' Fellowship to research paternal factors on early embryo cleavage dynamics at Mayo Clinic, Rochester, USA.	10 June 2021
4	Huidrom Yaiphaba Meitei, PhD Scholar	First prize in a conference presentation (Oral), at the 9th Annual Conference of the Academy of Clinical Embryologists, held from 1 to 3 October 2021 (National)	3 October 2021
5	Dhakshanya P, PhD Scholar	Third prize in a conference presentation (Oral) at the 9th Annual Conference of the Academy of Clinical Embryologists held from 1 to 3 October 2021 (National)	3 October 2021

#### Dermatology

1	Dr Krithiga M	Winner of Quiz - RESIMED KN DERM session 39 organized by IADVL KN	24 April 2021
2	Dr Krithiga M, Postgraduate (MD Dermatology)	Winner of Fastest finger quiz international speaker program on "Moisturizers in Atopic Dermatitis".	23 June 2021
3	Dr Aravind S, Postgraduate (MD Dermatology)	Winner of quiz RESIMED KN DERM session 50 – by Karnataka branch IADVL.	17 July 2021
4	Dr Krithiga M, Postgraduate (MD Dermatology)	Winner of quiz RESIMED KN DERM session 50 – by Karnataka branch IADVL.	17 July 2021
5	Dr Krutika Vora, Postgraduate (MD Dermatology)	Winner of quiz Resimed KN Derm session 50 – by Karnataka branch IADVL.	17 July 2021
6	Dr Shivam Goyal, Postgraduate (MD Dermatology)	Best Thesis Award presentation, CUTICON KN 2021; held from 17 December 2021 to 19 December 2021	19 December 2021

Sl. No.	Name	Details	Date
<b>General Surgery</b>			
1	Dr Shrividya, Postgraduate (MS General Surgery)	Received award for Theory and Practical Examination by Professor Vivekananda Prabhu Gold Medal Examination, held on 2 and 3 January 2021.	3 January 2021
2	Dr Poojitha Yalla, Postgraduate (MS General Surgery)	Received award for Theory and Practical Examination by Professor Vivekananda Prabhu Gold Medal Examination, held on 2 and 3 January 2021.	4 January 2021
3	Dr Janani Seshasayee, Postgraduate (MS Surgery)	Received award at Poster Session 'SURGICON 2021', held from 19 to 21 November 2021	21 November 2021
<b>Immunohaematology and Blood Transfusion</b>			
1	Dr Aswin, Postgraduate (MD Immuno- hematology and Blood Transfusion)	First prize in Poster presentation - Apheresis category, TRANSCON 2020 held on 27 and 28 February 2021.	28 February 2021
2	Dr Aswin and D. Fathima, Postgraduate (MD Immuno- hematology and Blood Transfusion)	First prize in Quiz competition, TRANSCON 2020 held on 27 and 28 February 2021.	28 February 2021
3	Mr Sangthang, PhD Scholar	First prize in poster presentation - TTI category, TRANSCON 2020 held on 27 and 28 February 2021.	28 February 2021
4	Dr Ashna, Postgraduate (MD Immuno- hematology and Blood Transfusion)	Third Prize in Quiz competition, AATM - Tea Time Discussion	26 August 2021
<b>KMC Office</b>			
1	Mr Adithya Nayak and Mr Vivek Nayak, MBBS - seventh semester	Have been awarded Metropolis MedEngage Scholarship of 75,000 INR each.	5 February 2021
2	Anoush Sardesai Sadat, Arika Dsouza, Avinash Rao G, Diya Ann, Hannah Mathew, Himanshu Y N, Ishita Singh, Poorvaprabha Patil, Samarth Goyal, Shubika	Metropolis MedEngage 2020 awardees.	5 February 2021

Sl. No.	Name	Details	Date
	Jain- Undergraduates		
3	Sameer Kathat, sixth-semester MBBS	Won first place in verve 21	6 July 2021
<b>Medical Oncology</b>			
1	Dr Malini Mohan, Postgraduate	Awarded for poster presentation-Orbital lymphoma- A case series at 4th Global Cancer Summit 2021	24 April 2021
<b>Obstetrics and Gynaecology</b>			
1	Dr Peramsetty Keerthipriya, Postgraduate (MS OBG)	First prize in a poster presentation at FOGSI ICOG held on 4 February 4 February 2021.	4 February 2021
<b>Ophthalmology</b>			
1	Dr Arya Wagle and Dr Alisha Kulkarni, Postgraduate (MS Ophthalmology)	Won first Prize (shared) Intercollegiate PG Quiz, Webinar on "Glaucoma" Just Shunt It! (International).	31 July 2021
2	Dr Premjith Muraleedharan, Postgraduate (MS Ophthalmology)	First Place in Image and Video Competition, Vitreo Retinal Society, India, held in August 2021	15 August 2021
3	Dr Nikhil G, Postgraduate (MS Ophthalmology)	First Place in PG Debate: Topic - Burn or Inject –PRP v/s Anti VEGF for PDR, Endoph Matters Webinar	3 September 2021
<b>Orthopaedics</b>			
1	Dr Amanpreet Singh, Postgraduate (MS Orthopaedics)	Live - Second best paper at 45th KOA Conference, Hassan "Artificial intelligence-based diagnostic software for detecting occult scaphoid fractures"	31 July 2021
2	Dr Aravind Umarani, Postgraduate (MS Orthopaedics)	Live - First best gold medal paper at 45th KOA Conference, Hassan "Feasibility of a new nerve transfer of middle trunk fascicle to suprascapular nerve – A cadaveric study and a pilot study to assess recovery of shoulder function in upper brachial plexus injuries" and Live - second best poster presentation "Unusual presentation of Mycobacterium marinum infection of the hand: A diagnosis not to be missed".	31 July 2021
<b>OTO Rhino Laryngology</b>			
1	Dr Aditi R, Postgraduate (MS	Third prize in Quiz at Joint Teaching program KMC Mangalore and Manipal held on 21 February 2021.	21 February 2021

Sl. No.	Name	Details	Date
	Otorhino-laryngology)		
2	Dr Neethu V K and Dr Majitha C S, Postgraduate (MS Otorhino-laryngology)	First prize in Quiz at Joint Teaching program KMC Mangalore and Manipal held on 21 February 2021.	21 February 2021
3	Dr Ishan Sardesai, Postgraduate (MS Oto-Rhino-Laryngology)	Won second place in the E-Paper presentation during a free paper session of the CME ORLHNS, AVMCH.	27 July 2021

### Pathology

1	Dr Aanchal and Dr Nithya, Postgraduates (MD Pathology)	Selected to present at the International Society for Gynecopathology Live journal club	19 November 2021
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### Urology

1	Dr Shruti Rahul Pandit, Postgraduate	First Prize in Paediatric Urology Interzonal Competition held on 16 April 2021.	16 April 2021
2	Dr Shruti Rahul Pandit	Third Prize in Paediatric Urology National Competition	2 May 2021

### Staff

Sl. No.	Name	Details	Date
<b>Community Medicine</b>			
1	Mrs Nikitha Rebello	Honoured as one of the COVID Warrior during 72nd Republic Day Celebration, MAHE, Manipal	26 January 2021

### Extra-Curricular Activities:

#### Sports Activities:

#### In Institution:

Sl. No.	Event	Details	Date(s)
<b>Immunohaematology and Blood Transfusion</b>			
1	Chess tournament	Participant - Dr Shamee Shastry	11 December 2021



### Outside University:

Sl. No.	Event	Details	Date(s)
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#### Critical Care

1	ITT Udipi Challenge Ride	Participant -Dr Sagar M S	28 March 2021
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### Cultural Activities:

#### In Institution:

Sl. No.	Event	Details	Date(s)
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#### Critical Care

1	Slogan writing competition as a part of project Nasha Mukta Udipi Abhiyan by involving young leaders of MAHE 2021-2022	Participant - Dr Margiben Tusharbhai Bhatt	26 June 2021
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### KMC Office

1	Cultural Week: Exploring the cultural talents and featuring some best on our Instagram page @cultcomkmc	Participant - Ankita Dhanuka, sixth-semester MBBS	26 July 2021
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2	VERVE - An intra-college fest of KMC	Participant - Ankita Dhanuka, sixth-semester MBBS	7 June 2021
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Sl. No.	Event	Details	Date(s)
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3	ONCORE Hybrid intercollegiate fest of KMC	Participant - Ankita Dhanuka, seventh-semester MBBS	25 October 2021
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### OTO Rhino Laryngology

1	VERVE Interdepartmental Solo dance	Participant - Dr Anusha Shetty	11 June 2021
2	Department skit performance – solo	Participants – Dr Anusha Shetty, Dr Rohit Singh, and Dr Ajay Bhandarkar	11 June 2021



### Paediatrics

1	VERVE	Participants - Dr Suneel C Mundkur, Dr Sandeep Kumar B K, and Dr Akshatha A	12 June 2021
2	Yakshagana	Participant - Dr Suneel C Mundkur	3 September 2021

Photo Archive of Important events

**KASTURBA MEDICAL COLLEGE MANIPAL**  
A constituent unit of MAHE, Manipal

The Department of Cardiology, Kasturba Medical College, MAHE presents  
**2<sup>nd</sup> Manipal Clinical Cardiology e-Update MCCU 2021**  
21<sup>st</sup> February 2021

**Welcome to MCCU 2021**  
Greetings from the Department of Cardiology, KMC Manipal, the Department of Cardiology, Kasturba Medical College, MAHE Manipal's state of art cardiac care center in coastal Karnataka.

After the successful 1<sup>st</sup> Manipal Clinical Cardiology Update (16<sup>th</sup> and 17<sup>th</sup> February 2019) attended by 150 cardiology residents across the country, we welcome you to 2<sup>nd</sup> Manipal Clinical Cardiology e-Update on 21<sup>st</sup> February 2021. The symposium will have clinical cardiology case presentation on cyanotic and acyanotic congenital heart disease, multivalvular heart disease and cardiomyopathies. Eminent experts across the country will discuss approach to congenital heart disease & Multivalvular heart disease. Interactive ECG session at DM cardiology level. We invite you to participate in Manipal clinical cardiology e-update 2021.

**Organizing Committee**

**Dr. Tom Devasa**  
Organizing Chairman  
Professor & HOD, Dept. of Cardiology, KMC, MAHE Manipal

**Dr. M. Sathakur Sae**  
Organizing Secretary  
Associate Professor, Dept. of Cardiology, KMC, MAHE Manipal

**Scientific Committee**

**Dr. Pradeeswaraj B**  
Professor  
Cardiology, KMC, Manipal

**Dr. Ashmit A J**  
Associate Professor  
Cardiology, KMC, Manipal

**Dr. Abhishek Bhat BK**  
Associate Professor  
Cardiology, KMC, Manipal

**Dr. Ganesh P**  
Associate Professor  
Cardiology, KMC, Manipal

**Dr. Mukund A Prashu**  
Associate Professor  
Cardiology, KMC, Manipal

**Dr. Akshay S Tell**  
Assistant Professor  
Pediatric Cardiology, KMC, Manipal

**Dr. Gunjan Kango**  
Assistant Professor  
Pediatric Cardiology, KMC, Manipal

**Dr. Kishanmouli Nayak**  
General Secretary  
Associate Professor & Head,  
CIV Department, KMC, Manipal

[www.mccu2021.a1ogics.in](http://www.mccu2021.a1ogics.in)

Department of Cardiology conducted the second Manipal Clinical Cardiology e-Update MCCU 2021 on 21 February 2021.

भारतीय आयुर्विज्ञान अनुसंधान परिषद  
**INDIAN COUNCIL OF MEDICAL RESEARCH**  
ई. एन.टी.एन.पी. बldg, अणुसंधान परिसर, पी.एच.डी.सी. 40111, नई दिल्ली - 110 029  
V. RAJALAKSHMI NAGAR, ANLARI NAGAR, POST BOX 4911, NEW BANGALORE - 560 029  
File no.: 3/15/ICMR Awards/2020-21/HRD  
Date: 26.12.2021

**DIVISION OF HRD**  
**FINAL RESULT NOTIFICATION FOR ICMR AWARDS/PRIZES-2020**

Award S. No.	Name of the ICMR Awards/Prizes 2020	Name of the Selected Awardees
1	ICMR-Basanti Devi Amir Chand Prize 2020 (One Awardee)	Dr. G. Karthikeyan, Professor of Cardiology, Cardiothoracic Science Centre, All India Institute of Medical Sciences (AIIMS), New Delhi
2	ICMR-Shakuntala Amir Chand Prize 2020 (Four Awardees)	1. Dr. Manoj Chandra, Assistant Professor & Ramarajan Fellow, School of Biochemical Engineering, Indian Institute of Technology (IIT), Varanasi 2. Dr. Naveesh Kumar Mahra, Assistant Professor, Department of Pharmacology, National Institute of Pharmaceutical Education & Research (NIPER), Hyderabad 3. Dr. Ved Prakash Divedi, Group Leader, Immunobiology Group, International Centre for Genetic Engineering and Biotechnology (ICGEB), New Delhi 4. Dr. Kaizar Raza, Assistant Professor, Department of Pharmacy, School of Chemical Sciences and Pharmacy, Central University of Rajasthan, Rajasthan
3	ICMR-Dr Subhas Mukherjee Award 2020 (One Awardee)	Prof.   Dr. Satish Kumar Adiga, Professor & Head, Department of Clinical Embryology, Kasturba Medical College, Manipal Academy of Higher Education, Manipal
4	ICMR Anant Mody Unishem Prize (only one Awardee)	Dr. Gurjit Singh, Head, Department of Pediatrics and Chief, Allergy Immunology Unit, Advance Pediatrics Centre, Postgraduate Institute of Medical Education and Research (PGIMER), Chandigarh
5	ICMR-Dr. H.B. Dingley Memorial Award (only one Awardee)	Dr. Akshay Pandita, Assistant Professor, Department of Neonatology, Sanjay Gandhi Postgraduate Institute of Medical Sciences (SGPGMS), Lucknow, Uttar Pradesh
6	ICMR-Kashanika Oraon Award (only one Awardee)	Dr. Jhuma Sarkar, Associate Professor, Department of Pediatrics, All India Institute of Medical Sciences (AIIMS), New Delhi
7	ICMR-Prize for Biomedical Research for Scientists belonging to Underprivileged Communities (only one Awardee)	Dr. M. Balaji, Associate Professor, Department of Biochemistry, Sri Venkateswara University, Tirupati, Andhra Pradesh

Dr Satish Kumar Adiga, Department of Clinical Embryology received Dr Subhas Mukherjee Award 2020 from ICMR in recognition for his outstanding contribution to the field of In vitro fertilization (IVF) in December 2021



Dr Pratap Kumar (Reproductive Medicine and Surgery) received Star Connect Award from Pune Obstetric and Gynaecological Society during Star Connect Series as a teacher of teachers, 22 July 2021.



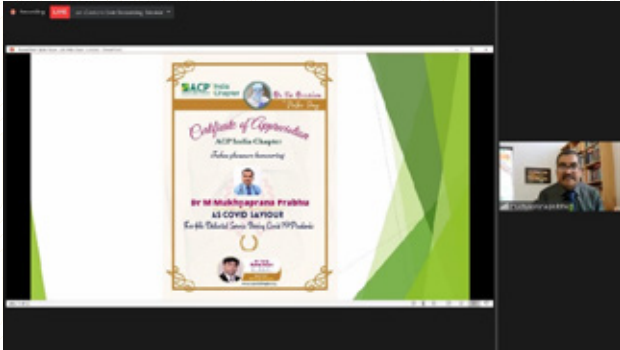
Dr Prapat Kumar (Reproductive Medicine and Surgery) received the "Lifetime Achievement Award" for the year 2021. Outstanding service to women hood and Medical Education for more than three decades by Karnataka State Obstetrics and Gynaecology Association (KSOGA), 31st KSOGA conference at Davangere; 17 December 2021.



Dr Sushma Belurkar (Pathology) was awarded first prize for the Essay writing competition held on the occasion of World Environment Day 2021.



Ms Pooja S P (Clinical Embryology) PhD scholar received First Prize for Photography competition-Best shot on 30 April 2021.



Dr M Mukhyaprana Prabhu (Medicine) being felicitated by the American College of Physicians, India Chapter on the occasion of Doctor's Day Celebration as "Corona Saviour".



Dr Naveen Salins (Palliative Medicine and Supportive Care) "Honorary Professor" title by Cardiff University from 1 January 2021 to 31 December 2026.



Department of Community Medicine conducted Symposium on Applied Research in Tobacco Control and Regional Stakeholder Meeting on 16 September 2021.



**KASTURBA MEDICAL COLLEGE**  
**MANIPAL**  
*(A constituent unit of MAHE, Manipal)*

Live webinar on

## Medicolegal aspects of Medical Records

Organized by : Department of Forensic Medicine and Toxicology,  
 Kasturba Medical College, Manipal, MAHE, Manipal

Date & Time : 27<sup>th</sup> October, 2021/ 10.30 am    Microsoft teams platform

Registration link: <https://forms.gle/CiKnTbEFPJKTYzAc9>



**Guest Speaker**

**DR INDRAJITH KHANDEKAR**

Professor

Department of Forensic Medicine and Toxicology,  
 Coordinator, Clinical Forensic Medicine Unit  
 MGIMS, Sevagram, Warcha dist, Maharashtra

**Dr Ashwini Kumar**  
 Coordinator

**Dr Vikram Palimar**  
 Professor & Head

**Dr Sharath K Rao**  
 Dean, KMC, Manipal

Department of Forensic medicine conducted a Live webinar on Medicolegal Aspects of Medical Records, 27 October 2021

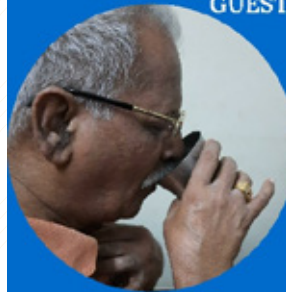


We cordially invite you to the Inaugural Ceremony of

## Manipal Centre of Swallowing Disorders (MaCSwaD)

**GUEST OF HONOUR**

Lt. Gen. (Dr.) M.D.Venkatesh  
 Vice Chancellor, MAHE, Manipal



**23 Oct 2021**  
**6:30 PM IST**

Join us on



(Click on the teams logo to join the meeting)

KMC Manipal inaugurated the Manipal Centre of Swallowing Disorders headed by Dr Suneel Mundkur under the Department of Paediatrics on 23 October 2021

# Kasturba Medical College, Mangalore

Address: Light House Hill Road, Hampankatta Mangaluru Karnataka 575001

Phone Number: 08242422271

Email-Office: [quality.kmcmlr@manipal.edu](mailto:quality.kmcmlr@manipal.edu) Dean Email: [dean.kmcmlr@manipal.edu](mailto:dean.kmcmlr@manipal.edu)



Name of the Dean: **Dr M Venkatraya Prabhu**

Established: **1953**

## Details of Programs offered by the Institution:

1. MBBS
2. MD (General Medicine)
3. MD (Paediatrics)
4. MS (General Surgery)
5. MS (Obstetrics & Gynaecology)
6. MS (Orthopaedics)
7. MD (Anaesthesiology)
8. MS (Oto-rhino-laryngology)
9. MS (Ophthalmology)
10. MD (Dermatology, Venerology and Leprosy)
11. MD (Anatomy)
12. MD (Physiology)
13. MD (Biochemistry)
14. MD (Pharmacology)
15. MD (Pathology)
16. MD (Microbiology)
17. MD (Radio-Diagnosis)
18. MD (Community Medicine)
19. MD (Radiation Oncology)
20. MD (Psychiatry)
21. MD (Respiratory Medicine)
22. Fellowship in Head and Neck Oncology
23. Fellowship in an Advance training program in geriatric Medicine
24. Fellowship in Interventional Radiology

25. Fellowship in Haemato-oncology
26. Fellowship in Infectious Disease
27. MSc (Medical) Physiology
28. MSc (Medical) Microbiology
29. MSc (Medical) Anatomy
30. MSc (Medical) Biochemistry
31. MSc (Medical) Pharmacology
32. MSc (Clinical Psychology)
33. MPT (Master of Physical Therapy)
34. MSc in Audiology
35. MSc in Speech Language Pathology MSc (SLP)
36. Bachelor of Physiotherapy (BPT)
37. Bachelor in Audiology and Speech Language Pathology
38. BSc (Respiratory Therapy)
39. BSc (Medical Imaging Technology)
40. BSc RRT and DT
41. BSc Radiotherapy Technology
42. BSc (Cardio Vascular Technology)

#### About Institution/School:

Kasturba Medical College (KMC), Mangalore was started in 1955, utilizing the clinical facilities of the Government Wenlock Hospital and Government Lady Goschen Hospital. In 1961 the pre-clinical section was started in Mangalore. The KMC, Mangalore became an independent College in 1977. Apart from the two Government hospitals, there are other teaching hospitals attached to the College, viz. the KMC Hospital, Attavar established in 1992 with a bed strength of 500. The infrastructural facilities are comparable to international standards with six big air-conditioned lecture halls with 250 seating capacity fitted with modern audio-visual teaching aids including multi-media projectors and a

modern, fully air-conditioned library with a seating capacity of about 800, and with an internet facility. The library has over 30,000 books and subscribes to more than 250 journals annually. In the year 2001, the Centre for Basic Sciences was started at Bejai for the first-year students. Apart from the departments of Anatomy, Physiology and Biochemistry, there are two lecture halls of 250 capacity and both ladies and boys hostels within the Basic Sciences Complex for the first-year students. The Kasturba Medical College, Mangalore provides hostel accommodation for its students in eight hostels. Out of these five are ladies' hostels. There is also a Medical Education Unit which conducts Orientation Programs for students, interns and Postgraduates, and also provides resource material for the Teaching Faculty. The Medical Council of India granted recognition in 1958 to the first graduating class of KMC. Recognition by the General Medical Council of Great Britain and the Malaysian Medical Council soon followed. New courses, faculty research and student amenities have steadily developed over the years. The first College to be developed as a private partnership model in medical education and healthcare delivery, KMC, Mangalore ranks among the top 25 medical colleges in the country today. The medical college with the highest ICMR STS awards in the country. The KMC, Mangalore is recognized as one of 20 International Medical Schools by the Educational Commission for Foreign Graduates (ECFMG) for its electronic credentials verification program. Students from 45 countries have graduated from KMC and the degrees have been recognized worldwide.

#### Institutional Activities/Curricular Activities

##### New Initiatives:

Sl. No.	Activity	Particulars	Date(s)
1	MAHE SRF Council Activities	The 2021/22 MAHE SRF Council of KMC Mangalore came together with three primary goals; promoting student research, simplifying the process, and always being on hand to address student questions and concerns. The council has strived to achieve each of these goals, and it is	1 January 2021 to 31 December 2021

Sl. No.	Activity	Particulars	Date(s)
2	Sports	<p>safe to say they have been met. Prospective young researchers are always brimming with the next big question to investigate, but few know how to go about it- or even how to take the first step. The SRF Council tackled this starting with a session held in the month of June to address the 2020 first year batch's research questions through an interactive session with Dr Pramod Kumar. This was followed up with the ICMR STS talk held on 25 October 2021, KMC Mangalore, where a cohort of students were given the opportunity to explore the ICMR research project. Dr Gopalkrishna Bhat K (Former Member Secretary, Institutional Ethics Committee and Former Member Secretary, Composite Research Committee, recognised PhD guide) graciously took time out of his busy schedule to simplify the process of a prestigious ICMR project right from the timeline and how to approach a research guide, all the way to the details of an actual application- what to do, who to approach, and how to make an application stand out. The event was also graced by Dr Pramod Kumar, Associate Dean, and Dr Prasanna Mithra, Member Secretary, Composite Research Committee and PhD course coordinator, as well as Dr Animesh Jain, Faculty Advisor, MAHE SRF. This was further followed up with an ICMR SOP for a conference talk on 18 November 2021 by Dr G K Bhat, where research plans and how to go about them were discussed in-depth, and all students had the opportunity to discuss their questions and concerns. Encouraging new batches to look toward research has long been a goal of KMC Mangalore, and Dr Pramod Kumar, Associate Dean, and the SRF council addressed the newest batch of 20210'21 on the 15 February 2021 to demystify the research process, bringing about a slew of eager participants. To conclude, the message remains clear; research is important, and everyone- faculty, administration, and the SRF council- are more than enthusiastic to offer encouragement to students every step of the way. This year the council has taken an active part in encouraging students to participate in ICMR STS and other research projects. Monthly follow-ups were done to assess the progress of the ICMR STS. Regular information was sent regarding protocol submissions and research to the students who were keen and were assisted with comprised information.</p> <p>A Cricket match was organized by KMC Mangalore on 12 December 2021 between the Pro Chancellors (PC)11 Vs Vice Chancellors (VC) 11 at Marena Greens at Attavar. Mangalore. The match was played between the teams which were chosen on the ground by the Chief Guest, the</p>	12 December 2021

Sl. No.	Activity	Particulars	Date(s)
		<p>Pro Chancellor, MAHE Dr H S Ballal. A formal Inaugural event was organized with the dignitaries on the stage which comprised of the Pro Chancellor, MAHE Dr H S Ballal, Vice Chancellor Dr M D Venkatesh, Pro Vice Chancellor Dr Dilip G Naik, Dean, KMC Mangalore, Dr M Venkataraya Prabhu, Dean, MCODES Mangalore, Dr Ashita Uppoor, additional Dean, KMC Mangalore, Dr Unnikrishnan B, Sports Advisor and Medical Superintendent of Kasturba Hospital Ambedkar Circle, Dr Anand Venugopal. Both the teams played exceedingly well and no one was able to make out till the end who would win definitely. The VC 11 won the toss and decided to bat first. The opening batsmen played so nicely that the other team was unable to command them. They scored 50 runs in 10 overs. When they lost their first wicket, they received a terrific setback. The team kept on playing well and failed to surrender to the conditions. They establish a target of 50 runs in 10 overs. Then, it was the turn of the team of PC 11 team. They showcased their strength of bat after showing their bowling abilities in the last innings and also played extremely well. They pursued the score well and were able to complete the set objective in 9.4 overs only. As they received the victor's trophy, the team rejoiced. The audience enjoyed the game and had a great time with refreshments after the match. Following this, there was the strength of the bat after showing their bowling abilities in the last innings and also played extremely well. They pursued the score well and were able to complete the set objective in 9.4 overs only. As they received the victor trophy, the team rejoiced. The audience enjoyed the game and had a great time with refreshments after the match. Following this, there was another serious match played between the Manipal 11 Vs Mangalore 11 which got great enthralling support from the audience. This was followed by lunch and both teams dispersed with great experience and joy.</p>	
3	Department of Medical Education - Program	The strong and vibrant Department of Medical Education continued its stellar performance in the year overshadowed by the pandemic. The online platform was effectively used for conducting various programs including faculty training workshops. At a minimum, one workshop was conducted every month. The workshops focused on various medical education topics with a special emphasis on competency-based medical education. The revised basic course workshop was conducted without a hitch.	31 December 2021
<b>Paediatrics</b>			
1	Adolescent Health Week -2021	On the occasion of International Adolescent Health Week – 2021, KMC Hospital Attavar organized a talk on “Parenting 2021	23 March 2021







Sl. No.	Activity	Particulars	Date(s)
		Adolescents” on 23 March 2021. The program began with an invocation followed by a formal welcome address by Dr Ravikiran S-HOD Department of Paediatrics. The program commenced by watering the plant by Dr B Suresh Shetty, Associate Dean KMC, Mangalore. In his inaugural address, he said that “In this vulnerable situation adolescents need to be focused by their parents. Adolescents need moral and psychological support from their parents”. Also, we need to focus on the Adolescent group for a better future. On this occasion, he also congratulated the team for organising the event as part of International Adolescent Health Week. Dr Jayashree K, Associate Professor of Paediatric Department and Adolescent Health Specialist briefed about the International Adolescent Health Week-2021. The winners of the essay competition, which was held as part of International Adolescent Health Week, were also honoured by Dr Ravikiran S - HOD Department of Paediatrics. Dr Nuthan Kamath – Professor and Unit Head, Department of Paediatrics, KMC Hospital Attavar, Dr Smitha D’sa and Dr Suchetha Rao from the Department of Paediatric were also present. Dr Keerthi and Dr Ashish compered the program and Dr Shika rendered a vote of thanks. Due to the COVID-19 regulations, the program was restricted to a limited audience. The talk on “Parenting Adolescents” was also on Virtual Meet, which was addressed by Dr Jayashree K Associate Professor and Adolescent Health Specialist from the Department of Paediatrics.	

**All other activities in the department relating to the program/course**


Sl. No.	Activity	Particulars	Date(s)
1	Management Review Meeting (MRM)	Management Review Meeting is conducted once in six months. In 2021 MRM was held on 29 January and 30 July. The internal audit was conducted from 5 to 8 January and 6 to 8 July. All Heads of the Department (HODs) and Internal Quality Cell members (IQC) attended the meetings. Dean chaired the meetings and Deputy Director Q & C continued the proceedings as per the agenda. Agenda points under the IOE pillars were discussed.	1 January 2021 to 31 December 2021
2	IQAC Meeting	Internal Quality Assurance Cell (IQAC) meeting is conducted once in six months. In 2021 meeting was held on 23 March and 28 August. Director Compliance MAHE, IQAC, one member from the local society and the student council attended the meetings. Dean chaired the meetings and Deputy	1 January 2021 to 31 December 2021

Sl. No.	Activity	Particulars	Date(s)
		Director Q&C continued the proceedings as per the agenda. All IQAC objectives were discussed.	
<b>Anaesthesiology</b>			
1	KMC MAC 2021	Annual Anaesthesiology CME, KMC MAC-2021 was organized on "Neuroanaesthesia" on 28 November 2021. Five distinguished faculties from Mangalore city delivered the lectures on the important topic "neuroanaesthesia" via the Microsoft teams. The guests emphasized the importance of the event and engaged in a healthy Q&A session following the lectures. Dr Shaila S Kamath, Professor and HOD was the organizing chairperson for the program and worked diligently with her organizing team for smooth conduct.	28 November 2021
<b>Anatomy</b>			
1	Anatomy of the Coronaries-cardiologist's perspective	A student webinar was organized on 2 June 2021 on the topic "Anatomy of the Coronaries-a cardiologist's perspective". The resource person was Dr Narasimha Pai D, Associate Professor, and Interventional cardiologist, Department of Cardiology, KMC, Mangalore. Around 226 students attended the webinar. It was conducted through Microsoft teams. Dr Mangala M Pai, Professor and HOD was the moderator for the session. The session was much appreciated by the students and at the end, students enthusiastically interacted with Dr Narasimha Pai and got their queries answered.	2 June 2021
2	World Anatomy Day Celebration	World Anatomy Day was celebrated on 15 October 2021 at the Department of Anatomy, KMC, Mangalore. Gross Anatomy and Histology drawing, Creative writing and anatomy quiz competitions were held for first-year MBBS students on the occasion. The following students are the winners of Gross Anatomy Diagrams Drawing: First Prize - Shipra Sridhar, Second Prize - Nidhi, Histology Diagram Drawing: First Prize - Chaitra Shet C, Second Prize - Niveditha Naresh and Rajshree Choudhary, Creative Writing: First Prize - Rasha Zaynab, Second Prize - Padmika K Shetty, Anatomy Quiz: First Prize - Harshita Rastogi, Second Prize - Ben Sebastian Mathew	15 October 2021
<b>Audiology and Speech Language Pathology</b>			
1	Technology updates program for the Audiologist of the department.	Mr Sathyajith Regional Manager, Mr Harish Audiologist, provided orientation on the latest technologies available in the GNResound hearing aids. Faculties of the audiology unit attended the program and hands-on training was provided to all the attendees.	9 February 2021

Sl. No.	Activity	Particulars	Date(s)
			
2	Technology updates	Mr Avinash Grubb, Head Audiology and product training, Unitron India, provided a guest lecture on the latest technologies available in Sonova products. Faculties of the audiology unit attended the program and hands-on training was provided to all the attendees.	26 February 2021
			
3	Webinar on Recent Advances in Vocal fold visualization procedures	Our Alumni Dr Ketaki Phadke oriented our UG/PG students on different Vocalfold visualization procedures.	4 March 2021
			
4	Workshop on Care and maintenance for cochlear implant CI users	Our faculty Dr Usha Shastri and Mr Rajesh Ranjan oriented the CI users on the care and maintenance of cochlear implants.	4 March 2021
			
5	A webinar titled "Audiologist working in private practice"	Mr Ram Parvesh, Director of Rampo Clinic, leading private practitioner enlightened our passing out students on private practice tips for Audiology students.	17 March 2021
			
6	Webinar via MS team titled "Application of Principles of Motor Learning in Language Learning"	Half-day webinar by our Adjunct Faculty Dr Roha Kaipa.	25 March 2021
			

Sl. No.	Activity	Particulars	Date(s)
7	Interactive session 	Our Adjunct faculty Dr Subramaniyan had an interactive session with fifth-semester students on Cleft lip and Palate.	21 April 2021
8	Online Audiology awareness among adolescents 	Dr Shruti Deshpande, from St John's University, USA gave a talk on "Community-based online Audiology Research during the COVID-19 Pandemic" on 3 May 2021 at 7:30 pm. She shared her experience from the upcoming study, where she connected virtually, to help educate adolescents in local communities about music-induced hearing loss due to overuse of personal listening devices during the present COVID-19.	3 May 2021
9	Flow phonation exercises for voice disorders 	We organized an Interactive webinar titled "Cleft Lip and Palate: Q and A Session" on 11 May 2021 at 10:00 am. The resource person for the same was our Adjunct faculty Dr B. Subramaniyan from SRIHER(DU), Porur, Chennai, who interacted with both the undergraduate and postgraduate students.	11 May 2021
10	Psychological assessment for children with language and literacy disorders 	Interdisciplinary talk from the Department of Psychiatry. Dr Vasudha was the resource person.	29 May 2021

### Biochemistry

1	Glycomics: a road not taken 	As a part of the Alumni web series conducted by the Department of Biochemistry, KMC Mangalore on 31 July 2021, Dr Sabarinath P S, Postdoctoral scientist, UNMC - University of Nebraska Medical Center Omaha, Nebraska, delivered a virtual talk on "Glycomics: a road not taken". This was the first talk of the web series, which was well appreciated by 40 National and International delegates. Several of our alumni working as scientists abroad were part of the program. Teaching faculty and students of various Medical colleges in and around Mangalore attended the program.	31 July 2021
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Sl. No.	Activity	Particulars	Date(s)
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### Community Medicine

1	1st Dr B S Sajjan Endowment oration Award – Public Health Leadership in COVID-19 Pandemic	The oration was delivered by Dr M K Sudharshan, Chairman State COVID-19, Technical Advisory Committee, Government of Karnataka. Dr Giridhara R Babu, Public health Foundation of India, Bangalore delivered the guest lecture.	6 March 2021
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### Forensic Medicine

1	Dental Profile within Forensic Odontology: Evidence-based Forensic Odontology	Legal and Forensic Approach” by Professor Ana Corte-Real Gonçalves PhD, University of Coimbra, Professor at the Faculty of Medicine (FMUC), Master in Forensic Medicine and Forensic Sciences, Coordination member of the Specialization Course in Health Management and Direction at the University of Coimbra on 23 January 2021. The session was opened by Dr Nandita, Member, Associate Professor, Department of Oral Pathology and Microbiology. Dr Srikant (Coordinator Centre for Forensic Odontology), introduced the centre for forensic odontology followed by the introduction of the guest speaker Dr Suresh Kumar Shetty, Associate Dean, Professor Forensic Medicine, KMC, Mangalore. Professor Ana Corte-Real apprised the participants on the importance of dental data collection, radiographs, and 3D reconstruction in dental profiling. The importance of the tooth numbering system, eruption sequence, and London atlas in the estimation of age. She highlighted the importance of the identification of social status based on habits and tooth staining patterns. Syndromes like dentin dysplasia, and Dentinogenesis imperfect may help identify the individual with great accuracy. She mentioned, how the dental profile puzzle can be solved based on the dental materials used, periapical pathologies, implant direction and periodontal pathologies. The lecture had 194 registrations (151 from outside the university, 42 from within the university and 2 international participants). The session ended with a Q and A session conducted by Dr Pavanchand Shetty, Associate Professor, Department of Forensic Medicine, KMC Mangalore	23 January 2021
2	Toxicology and Radiology An update in Current	The Department of Forensic Medicine and Toxicology, KMC, Mangalore (a Constituent unit of Manipal Academy of Higher Education, Manipal) conducted a	15 September 2021



Sl. No.	Activity	Particulars	Date(s)
4		<p>“CME on Toxicology and Radiology: An update in Current Medical Education” through the Microsoft team an online live event on 15 September 2021 from 2:00 pm to 4:30 pm. Dr Prateek Rastogi, (Professor and Head) shared his opening views and welcomed the resource persons and all the delegates. Dr M Venkatraya Prabhu (Dean, KMC, Mangalore) delivered the inaugural address. Dr B Suresh Kumar Shetty (Associate Dean) was present during the event. Dr Pavanchand Shetty H (Associate professor) was the organizing secretary and delivered the vote of thanks and acknowledged respected Dean Dr M V Prabhu, Additional Dean Dr B Unnikrishnan and Associate Deans (Dr B Suresh Kumar Shetty and Dr Pramod Kumar) for their constant support and encouragement and teaching and non-teaching staff of forensic medicine department for their appreciative support in this endeavour. Five resource persons shared their expertise views. Dr V V Pillai (Professor and Head, Forensic Medicine and Toxicology, Amrita Institute of Medical Science, Kochi) delivered a talk on "Toxicological complications associated with medical radiological procedures". Dr George Paul (Senior Consultant Forensic Pathologist, Health Sciences Authority, Singapore) spoke on "Forensic radiology in suspected toxicological death". Dr Santhosh Rai P V (Professor and Head, Radiology and Imaging, KMC, Mangalore) delivered a talk on "Animal signs and plant signs in radiology and its toxicological connection". Dr Kamal Bharti (Consultant Anaesthesiologist, Medanta-The Medicity, Gurugram) shared his experience in "Managing critical toxicological complications in radiological procedures". Dr Gireesh Kumar K P (Professor and Head, Emergency Medicine and Critical Care, Amrita Institute of Medical Sciences, Kochi, President-Indian Society of Toxicology) presented on "Role of radiological investigations in managing acute and chronic poisoning". The closing remarks on the event were given by Dr B Suresh Kumar Shetty. A total of 352 delegates from all over India from diverse specialities had registered for this CME. All the five sessions were well appreciated by the delegates through their feedback form. The event was moderated by Dr Sivaguha Yadunath P, Dr Donald Xavier Sequeira and Dr Kiran Kumar B N from the forensic medicine department with technical support from the IT Department.</p>	

Sl. No.	Activity	Particulars	Date(s)
<b>General Medicine</b>			
1	Dr Sitamahalashmi Memorial Postgraduate quiz	The third edition of the annual Dr Sita Mahalakshmi memorial postgraduate quiz competition was conducted on 24 January 2021 at the Medical education hall, KMC Mangalore. In attendance were postgraduates from medical colleges of Dakshina Kannada and Manipal. A total of 23 teams registered for the quiz. The quiz master for the quiz was Dr Archith Bloor. A prelims round was conducted of which the five best teams were selected for the finals. The main quiz comprised five rounds. The valedictory function was held at 12:30 pm with Dr M V Prabhu as the Chief Guest accompanied by Dr B Suresh Kumar Shetty, Dr Damodara Shenoy and Dr Archith Bloor. The third edition of the exam preparatory manual of medicine was written by Dr Archith Bloor and was released by the dean and copies were presented to the winners. Winners of the quiz – Dr Siddharth Sadananda and Dr Yashendu Sarda of KMC Mangalore. Runners-up of the quiz – Dr Govind Tiwari and Dr Harshitha B Y of KMC, Mangalore.	24 January 2021
2	ABBOT Health Care sponsored CME on "Vitamin D metabolism" and "Communication Skills for the Doctors"	ABBOT Healthcare sponsored a Guest lecture on "Vitamin D metabolism" by Dr Shrinath Prathap Shetty, Endocrinologist, KMC Mangalore and "Communication Skills for the Doctors" by Dr Madhumathi T, Regional Medical Adviser, ABBOT Healthcare Ltd was held on 11 September 2021, 3:00 pm to 4:30 pm. All the postgraduates attended the program (42 PGs).	11 September 2021
<b>General Surgery</b>			
1	LapXpert program Module 1	LapXpert module - 1 - safe laparoscopic cholecystectomy from the department of surgery KMC Mangalore - video lecture modules held on 22 September 2021 on Wednesday (by Dr Pradeep Choubey and team)	22 September 2021
			
2	Acute Critical Care Course (ACCC)	Instructor candidates will be provided ACCC slides and other course material to teach. They will do presentations. That will be recorded. Then as a group with other ACCC instructor candidates, we shall give constructive feedback.	2 October 2021
			
<b>Microbiology</b>			
1	CME on Microbiology	The Department of Microbiology conducted the CME on Microbiology Teaching and Learning - Then and	6 February 2021

Sl. No.	Activity	Particulars	Date(s)
	teaching and Learning - Then and Now 	Now and 8th Dr N C Ananthakrishna Endowment lecture on 6 February 2021 between 9:00 am and 12:30 pm. The delegates were welcomed by our Head of the Department and organizing secretary of the CME, Dr Suchitra Shenoy, Pro Vice Chancellor of MAHE, Mangalore Campus. The scientific meet started at 9:45 am with the 8th Dr N C Ananthakrishna Endowment lecture: Teacher's Tips to Teachers by Dr V Rajagopal, Retired Professor and HOD of Microbiology, Mysore Medical College, Mysore. The second talk was on Revitalize Microbiology through CBME by Dr Anuradha K, (alumnus of our department) Professor and HOD of Microbiology, Mysore Medical College and Research Institute, Mysore. The last talk was on CBME Assessment –Evaluating Competency by Dr Bhagyalakshmi K, Professor and HOD of Physiology, KMC, Mangalore. We had around 120 participants and around 10 participants were from states other than Karnataka.	
2	EQAS External Quality Assessment Scheme Workshop for ICTC Integrated Counselling and Testing Centre and Blood Back Technicians 	The workshop has been conducted by the State Reference Laboratory, Department of Microbiology, KMC, Mangalore at Medical Education Hall on 23 September 2021. There were 51 (37 ICTC and 14 Blood Bank) participants in the workshop. Dr Vishwas Saralaya gave a talk on "Process Control, Process Improvement and Assessment" and a Talk by Ms Jonel Ahisha Nazereth on "NACO Prayogashala (RT and PT)"	23 September 2021
3	CME on Diagnostic stewardship - The First step towards effective patient management 	The CME on Diagnostic Stewardship – the first step towards effective patient management was conducted by the Department of Microbiology, KMC, Mangalore in association with the American Society for Microbiology under the ASM Ambassador Project Fund. The online CME was conducted on the Microsoft teams platform as a live event. Around 300 delegates attended the session. The program began on 9 October 2021 at 9:00 am with a few words of introduction by Dr Anisha Fernandes, Organizing Secretary for the CME and Assistant professor, Department of Microbiology, KMC, Mangalore. The welcome address was delivered by Dr Suchitra Shenoy, Professor and HOD Microbiology, KMC, Mangalore. Dr Venkatraya Prabhu, Dean, KMC,	9 October 2021








Sl. No.	Activity	Particulars	Date(s)
		<p>Mangalore, inaugurated the CME with his input on the value of diagnostic stewardship in daily practice. The academic session began with a brief introduction of each speaker prior to their respective presentations. Dr Reba delivered her presentation on "Introducing ASM activities in India-Overview of Diagnostic stewardship". The second talk was by Dr V Ramasubramanian who gave a "Clinician's perspective on Diagnostic Stewardship". This was followed by Dr Sumit Rai who spoke on the "Microbiologist's perspective on Diagnostic Stewardship." The three talks were well received with several queries by the participants. A Q and A session were held wherein several questions posed by the delegates were addressed with inputs from all four speakers. Dr Shrikala Baliga, Professor, Department of Microbiology joined the resource persons for the panel discussion on "Comprehensive Diagnostic Stewardship for Infectious Disease". The panel discussion was moderated by Dr Anisha Fernandes. Following the panel discussion, a few more questions were addressed by the panellists. The academic session was closed with concluding remarks from all the resource persons. Dr Anisha Fernandes, thanked the resource persons, delegates, Microbiology department and administration and ended the live event. Feedback was collected from all participants and certificates of participation were duly issued. The recording of the event was uploaded on YouTube, and the links were shared on Twitter and the MAHE website.</p>	
4	<p>Three programs of International conference on Combating Antimicrobial resistance on the occasion of World antimicrobial awareness week – 2021 - The theme was "Combating antimicrobial resistance – Optimising</p>	<p>The department of microbiology and medicine conducted the day three programs of the International Conference on Combating Antimicrobial resistance on the occasion of World antimicrobial awareness week – 2021. It was conducted in association with the Department of Infectious disease Manipal and Manipal Centre for Infectious disease. The theme was "Combating antimicrobial resistance – Optimising prescriptions". The session was started with opening remarks by Dr Kavitha Saravu, HOD, Infectious disease and a welcome address by Dr Suchitra Shenoy, HOD, Microbiology KMC, Mangalore. The resource persons were Dr Pooja Rao, Associate Professor, Microbiology, Dr Dattatray Prabhu, Associate professor, Anaesthesia, Dr Shafir Kassim, Assistant Professor, Medicine Departments, KMC, Mangalore. They elaborated on the topics,</p>	<p>22 November 2021</p>

Sl. No.	Activity	Particulars	Date(s)
	prescriptions” 	Glycopeptide resistance in gram-positive cocci – an overview, MRSA infections – current treatment options, Outpatient antimicrobial stewardship – Opportunities and Barriers. The sessions were moderated by Dr Shrikala Baliga, Professor, Microbiology and Dr Damodar Shenoy, HOD, Medicine, KMC, Mangalore. A total of 120 participants attended the two-hour program which was well appreciated.	
<b>Orthopaedics</b>			
1	CM2E (Combined Manipal - Mangalore Post Graduate Teaching Program) 	Department of Orthopaedics conducted CM2E (Combined Manipal -Mangalore Postgraduate Teaching Program) on 14 February 2021 from 9:00 am to 1:00 pm through Microsoft Teams (Online Mode) Topic: Trauma-Related Clinical Cases. Around 75 delegates participated in the CM2E. The resource person are: 1) Dr Surendra Kamath Professor and HOD KMC Mangalore; How to present and discuss a case of post-traumatic knee deformity, 2) Dr Ashwath Acharya Associate Professor KMC Manipal; How to present and discuss a case of post-traumatic brachial plexus injury, 3) Dr Hithesh Shah Professor KMC Manipal; How to present and discuss a case of cubitus varus, 4) Dr Anil Bhat Professor KMC Manipal; How to present and discuss a case of malunited distal radius fracture, 5) Dr Seetharama Rao Professor KMC Mangalore; How to present and discuss a case of Non-Union tibia, 6) Dr Sandeep Vijayan Associate Professor KMC Manipal Manipal; How to present and discuss a case of Non-Union Fractures neck of Femur /Malunion IT Fracture. 7) Dr Sandesh Madi, Assistant Professor KMC Manipal; X-Ray Discussion. It was very useful for the Staff members and postgraduates.	14 February 2021
2	Casting and Splinting: Principles and innovation	Department of Orthopaedics conducted a Workshop on “Casting and Splinting: Principles and innovation” an industry Collaboration with Essity, on 25 June 2021. Around 35 delegates participated in the workshop. Talks given by 1) Dr Surendra Umesh Kamath, Professor and HOD, Talk on: ‘Tibia Fractures’, 2) Dr Hemanth Kalyan, Professor and Head, Manipal Hospital Bangalore, Talk on: How Pandemic Has Impacted Orthopaedic Practice in World Wide, 3) Dr Shyamasunder Bhat N, Professor and HOD, KMC Hospital Manipal, Talk on: Distal Radius Fractures. The workshop was very useful for the postgraduate students.	25 June 2021 to 25 June 2021
3	Casting and Splinting Techniques	Department Of Orthopaedics conducted a Workshop on Casting and Splinting Techniques by Mr Narendra Kamath, Product Manager Essity India Pvt Ltd,	24 August 2021

Sl. No.	Activity	Particulars	Date(s)
		Mumbai on 24 August 2021 in Orthopaedics Seminar room KMC Hospital Attavar It was very useful for the faculty and postgraduates.	
4	19th Combined Manipal-Mangalore postgraduate teaching program	Department of orthopaedics conducted a 19th Combined Manipal-Mangalore Postgraduate Teaching Program (CM2E) on 14 November 2021 on the Theme: Trauma, from 9:15 am to 1:15 pm through MS teams. Resource Persons for CM2E were Dr Surendra Kamath, Dr Vivek Pandey, Dr Ashwath Acharya, Dr Prajwal Mane, Dr Monappa Naik, Dr Ishwar Keerthi C, Dr Atmananda S Hegde, Dr Hitesh Shah. Vote of thanks by Dr Premjit Sujir. Around 50 delegates participated in the CM2E and it was very useful for faculty and postgraduate students.	14 November 2021
			
<b>OTO Rhino Laryngology</b>			
1	CME, Quiz and joint teaching program	The annual joint teaching program was conducted by the department of ENT of KMC Mangalore along with KMC Manipal on 21 February 2021 at Ocean pearl. Along with the teaching program, CME was also conducted with Dr Athiyaman M S (in charge HOD Department of Radiotherapy and Oncology of KMC Mangalore). He gave an invited faculty talk on the topic- "Management of Oropharyngeal malignancy, Role of HPV?". The invited faculty talk was followed a by Quiz program for the postgraduates of both the colleges. The quiz was conducted by Dr Sreenivas Kamath. Two teams from each college participated in the quiz. Team Manipal 2 (Dr Sinchana and team) won first place and Team Mangalore 1 (Dr Sanchith and team) won second place. Further, the joint teaching program was conducted, with postgraduates presenting cases to the joint faculty members. Two long cases were presented, one each by students of KMC Mangalore and KMC Manipal. The program concluded with an entertainment program by postgraduates as well as staff of both colleges. The CME delegate attendance was around 50 members.	21 February 2021
			
<b>Paediatrics</b>			
1	Approach to electrolyte imbalance and acid base disorders	Department of Paediatrics Scheduled a workshop on 18 October 2021 and 19 October 21 from 8:00 am to 9:00 am in Seminar Hall, Regional Advanced Paediatric Care Centre, Mangalore. The Resource Person was the Adjunct faculty of the Paediatrics Department Dr Niveditha Kamath, Assistant Professor, Department of Paediatric Nephrology, St John's Medical College Hospital, Bangalore. Workshop on	18 October 2021 to 19 October 2021
			

Sl. No.	Activity	Particulars	Date(s)
		"Approach to electrolyte imbalance and acid-base disorders.	
<b>Physiology</b>			
1	Emerging Models on Biomedical Research	Department of Physiology organized a half-day webinar on the topic "Emerging Models on Biomedical Research" on 24 July 2021 via MS Teams. There were three scientific sessions. Dr Anirban Chakroborty, Professor and Director, NUCSER (Nitte University, Centre for Science Education and Research), Nitte University, spoke on "Zebrafish - A versatile in vivo tool in Biomedical Research". Dr Monika Sadananda, Professor – Biotechnology, Department of Biosciences, Mangalore University, gave a talk on "Insights from Bird Neuroscience towards Advancement of Biomedical Research". The last session was by Dr Dinesh Upadhy, Associate Professor and Coordinator, Centre for Molecular Neurosciences, KMC, MAHE, Manipal, on "Pluripotent Stem cells - Advance tools for Biomedical Research". Total about 320 registrations were there and on average 160 to 170 delegates participated in the entire event. The whole event was very interactive and well appreciated by participants which included both faculty and students.	24 July 2021
			
<b>Physiotherapy</b>			
1	Pelvic Floor Dysfunction	On 22 January 2021, in Bejai a full-day workshop entitled "Physiotherapy in Pelvic Floor Dysfunction" by Dr Srivani Swaminathan was conducted at the Department of Physiotherapy, Bejai, Mangalore. The purpose of the workshop was an overview of Pelvic floor-related issues and the role of physiotherapy in this field. A total of 60 participants attended the workshop, which was divided into two sessions. The first session consisted of an overview on the anatomy of the pelvic floor, physiotherapy management for bladder dysfunction, pelvic organ prolapse, constipation, faecal incontinence and chronic pelvic pain. The second session was lab activities which included Load transfer and Diastasis recti screen and treatment. Palpation techniques and examination of pelvic floor muscles were conducted with postgraduate students. The workshop was very well conducted and highly appreciated.	22 January 2021
			
2	Pedagogy	Department of Physiotherapy in association with Department of Psychiatry conducted a workshop on Pedagogy for the Postgraduate student of Physiotherapy and Clinical Psychology. The aim of the	9 April 2021 to 10 April 2021

Sl. No.	Activity	Particulars	Date(s)
		program was to impart comprehensive knowledge in key areas of pedagogy in their curriculum. Ms Veena Raigangar, our distinguished Alumni from Sharjah University was one of the resource person along with in-house faculty members.	
3	Pain in Elderly: An interdisciplinary approach in evaluation and management	Pain in Elderly: An interdisciplinary approach in evaluation and management on 18 September 2021. The webinar was organized to emphasise the role of an interdisciplinary team in the evaluation, diagnosis, and management of pain in the elderly. A total of 235 delegates register for the webinar of whom, nearly 70 participants attended all the sessions. The webinar was conducted on the google meet platform and four speakers delivered sessions on physiology, pharmacological and non-pharmacological management of pain in the elderly.	18 September 2021
			
4	Spinal Cord Injury Rehabilitation- Fundamentals of functional Retraining	Spinal Cord injury rehabilitation: Fundamentals of functional retraining on 20 November 2021. This webinar was organized to emphasise the importance of the fundamental bedside assessment and management of traumatic spinal cord injury survivors. A total of 190 participants registered for the webinar nearly 90 participants attended both sessions. The expertise in the field of spinal cord injury rehabilitation includes alumni from KMC, Mangalore and three faculties from KMC, Mangalore. This webinar was conducted by the Microsoft team and the contents include neuroplasticity, Asia assessments, functional potential, positioning mat program, wheelchair and gait training.	20 November 2021
			
<b>Psychiatry</b>			
1	Women and Mental Health	The movie club of the department of Psychiatry, InPsych-Out organized an event "Women and Mental Health" on account of International Women's Day on 10 March 2021. The event, held in the premises of the Department of Psychiatry, was also streamed online on Microsoft Teams and involved a range of activities, with the highlight being a review and analysis of the short film, 'Devi' and a talk titled 'Unleash the Empowerment within Women to face the challenges of today's times' by the chief guest of the day, Dr Rameela Shekhar, Mental Health Professional, Manashanthi, Mangalore. Ms Harsiddhi and Ms Shraddha, students of first-year MSc Clinical Psychology, conducted the master of ceremony. The program began with the welcome address by the Head of the Department of Psychiatry, KMC, Attavar,	10 March 2021
			
			

Sl. No.	Activity	Particulars	Date(s)
		<p>Dr Keshava Pai, who threw light on the apparent gender differences that have always existed when it comes to the representation of men and women, and the need for recognition of the contribution of women in our daily lives and in the field of mental health as well. Dr Pai then declared the event open. This was followed by a brief introduction to the club and the event by Akanksha Patra and Navyashri Srinivas, the secretary and joint secretary of the department movie club, InPsych-Out. A surprise reveal of a collage poster honouring seven pioneering women psychologists followed by a cake-cutting for the women in the department was also held. This was then succeeded by an engrossing, educational talk by the esteemed chief guest, Dr Rameela Shekhar, who is a NIMHANS alumnus, has served as the HOD and Dean PG Department at Roshni Nilaya School of Social Work for over 34 years, and is currently the Director and a practising Mental Health Professional at Manashanthi, Mangalore. Her talk, titled 'Unleash the empowerment within women to face the Challenges of today's times' threw light on the various issues women of yesterday and today have always faced and are facing, issues which go rather unnoticed and how these can be dealt with using the resources that women have within them. She acknowledged how there is a need for equity and equal representation, which requires women to empower one another while empowering their own selves through simple steps like giving oneself the time to simply enjoy things they like doing and breaking out of the daily grind that women, who're housewives especially, are so used to, raising their hands and voicing their concerns, and occupying space that is rightfully theirs. Dr Rameela Shekar also explained the plight of women through real-life case studies in brief and went on to share how she, as a psychologist and mental health professional dealt with the mental health issues, they'd approached her with. All in all, ma'am's brief but extremely impactful talk left the audience much more aware and sensitive in their duty as both women and allies to women in society. Dr Shekhar was then, felicitated by the Head of Department, Dr Keshava Pai with a memento and a small token of gratitude, for gracing the occasion with her presence. The event then proceeded with the screening of the movie, 'Devi', a short film of 13 minutes starring veteran actor Neena Kulkarni,</p>	

Sl. No.	Activity	Particulars	Date(s)
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popular actress, Kajol, Shruti Hassan, Neha Dhupia and others. The film in its short run-time draws out a heavy, heart-wrenching truth of the society around the abuse suffered by women. It shows how women, who have fallen victim to sexual abuse have, after their deaths, become inmates in a house that begins falling short on space as the number of members keeps growing. The women, differing in age, cultural backgrounds, economic status and their causes of death, while supportive and polite to one another otherwise, begin having a heated argument as a new member rings the bell to their residence and awaits entry outside. While the argument ensues and the women relive their traumas, the film ends on a note that leaves the audience gasping. The reviews that followed the screening analysed various themes brought out in the movie, such as the ironic title of the movie, how the women were different in their identities and yet united by their suffering, and the sisterhood shared, that was an underlying, positive theme in the otherwise grim atmosphere of the film. The chief guest while appreciating the views and opinions shared by the participants, also threw light on how difficult life can be for the survivors of abuse, and what can be done in real-time to prevent this evil. The faculty members also shared their points of view and experiences and added to a rich discussion. Right after the review discussion, the entries for the reel-making competition #ChoosetoChallenge were viewed, and the winner was announced. G M Haripriya, a second-year MSc student of Clinical Psychology was declared the winner for her 30-second reel entry, based on her creativity, content and originality, and effective conveyance of the theme. The winner was presented with a certificate of achievement and a 500/- INR Amazon gift voucher. Shortly after, a short film student-made documentary comprising the interviews of the women faculty of the Department of Psychiatry was screened, wherein Ms Mariella D'Souza, Dr Reshma N, Ms Vasudha K G, Dr Prima D'Souza, Dr Sharanya Shetty and Dr Neelam Raina, talked about a few things such as, their various memorable experiences in the field, the challenges they have faced due to the perceived gender difference, their motivations and strivings within the field and things they would like to change in the field and otherwise. Thereafter, the incoming student representatives for InPsych-Out for the new session

Sl. No.	Activity	Particulars	Date(s)
		2021-22 were announced by the faculty coordinators, Ms Vasudha K G, Assistant Professor, Department of Psychiatry and Mr Mahesh B S, Assistant Professor, Department of Psychiatry, KMC Hospital, Mangalore. Tanisha Agarwal and Devashree Kaplay were nominated and voted as the next secretary and joint secretary, respectively, both of whom took on their positions of responsibility with enthusiasm, as the batons were passed onto them by the previous secretaries. Finally, the closing address was delivered by Ms Vasudha K G, Assistant Professor, Department of Psychiatry, and the empowering event ended on a warm note.	
2	UG Quiz Competition	Conducted a UG quiz for the Undergraduate Medical Students which is the Annual Quiz Competition conducted by the Karnataka Chapter of the Indian Psychiatry Society. There were a total of 10 participants. The best two were selected for the main quiz competition to be held on 22 August 2021.	19 August 2021
3	World Mental Health Day - special camp at white Doves Mangalore	Department of Psychiatry conducted a special camp at white Doves Mangalore on account of "World Mental Health Day" on 20 October 2021. We had an interactive session with inmates. There were about 150 participants. We also conducted an awareness program for the staff members on Stress Management and Early Detection of Suicidal Risk in the patients. It was well appreciated.	20 October 2021
4	Motivational Interviewing	The Department of Psychiatry organised Online Workshop on 20 and 21 October 2021 on "Motivational Interviewing for the MSc Clinical Psychology Students. Mr Syam K Ravindran, Assistant Professor, Department of Clinical Psychology, KMC, Manipal and Mr Dan Issac Pothiyil, Assistant Professor, Senior Scale Department of Clinical Psychology, KMC, Manipal were the guest speakers. There were a total of 58 participants. It was well appreciated by the participants.	20 October 2021 to 21 October 2021
<b>Pulmonary Medicine</b>			
1	NTEP TOG SENSITISATION	In 2020 the Revised National Tuberculosis Control Program (RNTCP) was renamed as National Tuberculosis Elimination Program (NTEP) to emphasize the aim of the Government of India to eliminate TB in India by 2025. In this regard, KMC, Mangalore has been conducting NTEP sensitization programs every year using funds provided by the Government of India. The resource persons for this	4 March 2021 to 10 March 2021





Sl. No.	Activity	Particulars	Date(s)
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year's activity were Dr Archana Bhat (Assistant Professor, Department Microbiology), Dr Priya Rathi (Associate Professor, Department of Preventive and Social Medicine) and Dr Sindhu Kamath (Assistant Professor, Department of Respiratory Medicine and Nodal officer- NTEP). The topics covered under the sensitization include 1) Diagnostic algorithm and transportation of samples for CBNAAT (Dr Archana) 2) Changes in treatment modalities of drug-sensitive and drug-resistant TB and ADR management of drug-sensitive TB. (Dr Sindhu) 3) ADR reporting mechanism and Nikshay (Dr Priya). This year the program was held on 4, 5, 9 and 10 March 2021 between 3:00 pm to 4:30 pm. This year, the team was able to sensitize 180 healthcare workers which included 63 nurses on Day 1, 63 nurses on Day 2, 41 postgraduate students on Day 3 and 13 faculty members on Day 4.

### Radiodiagnosis

1	Department interactive Meet and Felicitation-Alumni Meet	The Radiology and Imaging Department Interactive meet and Felicitation event and mini Alumni meet was held on 17 September 2021, Friday at 11:30 am at MEU hall, Library complex, KMC Lighthouse Hill Road, Mangalore. This was a hybrid event with limited offline invitees and online live on the MS Teams platform. This event is a thanksgiving celebration to the former Heads and Chief technologists for their contributions, which have shaped the department. The recipients of the felicitation were the former HODs of the departments Dr Naveenchandra M Shetty, Dr Ajit Mahale, Dr Ashvini Kumar and our senior technologists Mr Ganesh Prabhu and Mr Purushottam. The Pro Vice Chancellor Dr Dilip Naik gave the ceremonial address and the Chief Guest of the event was the Dean Dr M V Prabhu. Additional Dean Dr Unnikrishnan, Dr Anand Venugopal, Medical Superintendent KMC Ambedkar Hospital and Dr Anand Kini, Former Associate Dean were present. Dr Santosh Rai, Professor and HOD of Radiology led the organizing committee and welcomed and thanked all the members for their contributions. The Guest of Honour, the Pro Chancellor Dr H S Ballal delivered an address filled with interesting anecdotes about his tenure as Head of the department in Mangalore and gave inspiring directions for the future.	17 September 2021
2	Department interactive Meet and	World Radiography day 2021	8 November 2021



Sl. No.	Activity	Particulars	Date(s)
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Felicitation-Alumni Meet



3	Department interactive Meet and Felicitation-Alumni Meet	World Radiography day 2021	8 November 2021
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**Details of Guest Visit(lectures, collaboration, visitors on campus)**

**Guest Lectures :**

Sl. No.	Visitor	Name of the Organization	Purpose of Visit	Date of Visit
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**Administration**

1	Dr Harsha Halahalli, MD, PhD,	Director - Curriculum Development, NITTE (Deemed to be University)	Resource Person for Guest Lecture - Preparation for NAAC Assessment	23 March 2021
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**Anaesthesiology**

1	Dr Sunil T Pandya	Director century super speciality hospital Hyderabad	Guest lecture on the topic "COVID in pregnancy and Anaesthesia"	25 June 2021
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2	Dr Tushar Dixit	Consultant Anaesthetist at St Helen's and Knowsley teaching hospital NHS trust, UK	Guest lecture on topic "Adjuvant analgesics"	19 July 2021
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Sl. No.	Visitor	Name of the Organization	Purpose of Visit	Date of Visit
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**Anatomy**

1	Dr Naveen Chandra Kulal	District Vector Borne Disease control officer, Nodal officer for COVID-19, Government of Karnataka	Delivered a talk on "Role of doctors in the society" during the Foundation course for First MBBS students	5 January 2021
2	Dr Annappa Kamath	Global strategy lead for Psychiatry, Paraxel International Global Clinical Research organisation	Delivered a talk on "Various career pathways and opportunities for personal growth" during the Foundation course for First MBBS students	7 January 2021



**Audiology and Speech Language Pathology**

1	Dr Sriram Boothalingam	Assistant Professor, University of Wisconsin, Madison	Guest lecture on "Does efferent influence on the periphery trickle upto perception?"	12 November 2021
2	Dr Balaji Rangarathnam	Associate Professor, Midwestern University	Guest lecture on "Documentation in Swallowing Assessment"	17 November 2021
3	Dr Aravind Namasivayam	University of Toronto, Onatario, Canada	Guest Lecture on PROMPT for Restructuring Oral Muscular Phonetic Targets Technique	22 November 2021
4	Dr Shruthi Deshpande	Assistant Professor, Department of Communication Sciences and Disorders and Long Island doctor of Audiology Consortium	Guest Lecture on Central auditory processing disorder CAPD- An integrated experience from three university-based clinical settings in the USA	23 November 2021



Sl. No.	Visitor	Name of the Organization	Purpose of Visit	Date of Visit
<b>Dermatology</b>				
1	Dr Chitra Nayak	Professor and Head, Topiwala National Medical College, Mumbai	Guest lecture on the topic "A year of interesting cases – In spite of COVID"	14 April 2021
				
2	Dr Dharmendra Kumar Karn	Department of Dermatology Dhulikhel Hospital, Kathmandu University, Nepal	Guest lecture on the topic "Management of Non-scarring alopecia"	21 May 2021
				
3	Dr Chitra Nayak	Professor and Head, TN Medical College, Mumbai	Guest lecture on "Approach to vaginal discharge"	20 October 2021
				
4	Dr Dharmendra Kumar Karn	Professor and Head, Department of Dermatology Dhulikhel Hospital, Kathmandu University, Nepal	Guest lecture on "Approach to Lichen planus pigmentosus and its management"	22 October 2021
				
<b>Forensic Medicine</b>				
1	Dr Magdy Kharoshah	Consultant Medical Examiner, Dammam, Saudi Arabia	Medicolegal cases for medical students	22 May 2021
				
2	Dr Noel William Francis Woodford	Director, Victorian Institute Of Forensic Medicine, Australia	From crime scene to mortuary	29 May 2021
				

Sl. No.	Visitor	Name of the Organization	Purpose of Visit	Date of Visit
3	Dr Parmod Kumar Goyal	Professor and Head, Department of Forensic Medicine, Adesh Institute of Medical Sciences, Bhatinda	Guest lecture on "Handling Medicolegal cases"	11 June 2021
				
4	Dr Francis Monteiro	Professor and Head Department of Forensic Medicine and Toxicology, Associate Dean AJ Institute of Medical Sciences and Research Centre, Mangalore	Forensics of ethanol intoxication	24 July 2021
				
5	Dr Ritesh G Menezes	Professor, Forensic Medicine Division, Department of Pathology, College of Medicine, King Fahd Hospital, Imam Abdulrahman Bin Faisal University, Dammam, Saudi Arabia	A Guide to the Cause-of-Death Statement on Death Certificates	29 July 2021
				
6	Dr Padmakumar K	Professor and Head Department of Forensic Medicine and Toxicology, Jubilee Mission Medical College and Research Institute	Legal aspects of telemedicine	31 July 2021
				
7	Dr Narendra Varsh	Paediatrician, Max Hospital Delhi	Visit to the department	3 September 2021
				
8	Dr Charan Kishor Shetty	Faculty of Medicine, Universiti Sultan Zainal Abidin (UniSZA), Kuala Terengganu, Malaysia	Dr Charan introduced multiple new concepts and spoke about the challenges being faced due to the online availability of illicit drugs.	30 October 2021
				
9	Dr Ranjeet Kumar Singh	CEO Sherlock Institute of Forensic Science, India	Guest lecture on "Cyber Security- How Safe is Surfing"	13 November 2021
				

Sl. No.	Visitor	Name of the Organization	Purpose of Visit	Date of Visit
<b>General Medicine</b>				
1	Dr Yogeesh Pai	Consultant Stroke Physician, University Hospital North Durham	Guest lecture on Stroke Diagnosis and Management	15 December 2021
				
<b>General Surgery</b>				
1	Dr Harish E	Consultant Surgical Oncologist, KMC Hospital, Mangalore	Lecture on Cytoreductive Surgery and HIPEC	13 July 2021
				
2	Dr Sadasivam Selvakumar	Consultant Vascular Surgeon, Lister Hospital, Stevenage, London	Lecture on COVID associated Arterial Thrombosis	17 July 2021
				
<b>Microbiology</b>				
1	Dr Godfred A Menezes	Associate Professor in Medical Microbiology and Immunology, RAK College of Medical Sciences and Clinical Microbiologist, RAK Hospital, Ras Al Khaimah, UAE	Future Perspectives and Career Building	21 July 2021
				
<b>Obstetrics and Gynaecology</b>				
1	Lt Gen (Dr) MB Venkatesh	Vice Chancellor, MAHE	Official Visit	14 September 2021
				
<b>Ophthalmology</b>				
1	Dr Srinivas K Rao	Director, Darshan Eye Clinic and Surgical Centre, Senior Consultant, Apollo Hospital, Chennai	Cornea - What Lies Beneath	2 January 2021
				

Sl. No.	Visitor	Name of the Organization	Purpose of Visit	Date of Visit
2	Dr K V Sathyamaurthy	HOD of Cornea refractive surgery in M M Joshi Eye Hospital, Hubli	Cornea - What Lies Beneath	2 January 2021
				
3	Dr Rishi Swarup	Medical Director and Chief Surgeon, Swarup Eye Centre, Hyderabad	Cornea - What Lies Beneath	2 January 2021
				
4	Dr Periyasamy Kumar	Consultant Ophthalmologist, University Hospitals of Leicester, UK	Decoding What Lies Beneath	2 February 2021 to 27 February 2021
				
5	Dr Jay Chhhablani	Dr Vitreo-retinal specialist at the University of Pittsburgh, Eye Center, Pittsburgh, USA	Decoding What Lies Beneath	27 February 2021
				
6	Dr Muna Bhend	Senior Consultant and Deputy Director at Sankara Nethralaya, Chennai	Decoding What Lies Beneath	27 February 2021
				
7	Dr G Seethapathy	Senior Consultant, Ophthalmic Plastic and Orbital Surgeon, Manipal Hospital, Salem	Lid Malpositions and their Management	30 July 2021
				
8	Dr G Seethapathy	Senior Consultant, Ophthalmic Plastic and Orbital Surgeon, Manipal Hospital, Salem	Radiology for the Ophthalmologist	20 August 2021
				

Sl. No.	Visitor	Name of the Organization	Purpose of Visit	Date of Visit
9	Dr G Seepathy 	Senior Consultant, Ophthalmic Plastic and Orbital Surgeon, Manipal Hospital, Salem	A systematic approach to a patient with Epiphora	12 November 2021
10	Dr Surendra Basti 	Specialist in Refractive, Corneal and Cataract Surgery, Professor of Ophthalmology, Northwestern University Feinberg School of Medicine, Chicago	The Perfect 10! Ten recent advances that can enhance your Cataract Practice	20 November 2021
<b>Orthopaedics</b>				
1	Dr Yogeesh D Kamat 	Consultant Hip and Knee Specialist Orthopaedic Surgeon, KMC Super Specialist Hospital, Ambedkar Circle Mangalore Mangaluru	Guest Lecture on Basic of Hip Joint Arthroplasty	4 June 2021
2	Dr Yogeesh D Kamath 	Consultant Hip and Knee, Specialist Orthopaedic Surgeon, KMC Super Specialist Hospital, Dr B R Ambedkar Circle, Mangaluru 575001.	Guest Lecture on Basic Knee Joint Arthroplasty	23 July 2021
3	Dr Anand Pillai 	Consultant Orthopaedics Foot and Ankle and Adult Reconstruction Surgeon, Department Of Orthopaedics, University Hospital of South Manchester, Southmoor Road, Wythenshawe	Guest Lecture on Hallux Valgus	11 August 2021
4	Dr K V Gangadharan 	Professor and Engineer, Head Centre for System Design, NITK Surathkal	Guest Lecture on Making use of Engineers for Orthopaedic Research	26 October 2021
5	Dr Pramod S Chinder 	Chief Orthopaedic Oncologist, HCG Hospital Bangalore	Guest Lecture on Comprehensive Approach to malignant musculoskeletal	26 November 2021



Sl. No.	Visitor	Name of the Organization	Purpose of Visit	Date of Visit
6	Dr Seetharama P Nayak	Diplomate American Board of Orthopaedic Surgery, Charles Town West Virginia	Guest Lecture on Orthopaedics, Department History of KMC Mangalore	14 December 2021



### OTO Rhino Laryngology

1	Dr Vikranth Kamboj	Consultant Head and Neck Surgeon, Swamy Vivekanand Multispeciality Hospital, Haryana	Guest Lecture on Is there a role of Chemotherapy in Head and Neck Cancers? Experience post-fellowship in Head and Neck cancers on 6 October 2021 at Sai palace Hotel, Hampanakatta and cadaveric dissection and demonstration on 8 October 2021.	6 October 2021
2	Dr Srinivas Kishore Sistla	Consultant, Star Hospitals, Hyderabad	Lecture and OT case demonstration	28 December 2021 to 28 December 2021



### Pathology

1	Dr Sanjay Navani	Consultant Surgical Pathologist and Immunohistochemist, Department of Pathology, Lab surgpth, The human protein atlas (HPA) Project, Mumbai.	Guest Lecture on "A systematic analysis of commonly used antibodies in cancer diagnostics"	6 February 2021
2	Dr Sonika Dahiya	Professor of Pathology and Immunology, Division of Neuropathology, Head of Neuro-Oncology Pathology, Washington University School of Medicine, Head of Neuro-Oncology Pathology, Washington University School of Medicine	Guest lecture on WHO CNS5: Practical use in routine practice by Dr Sonika Dahiya, Adjunct Professor of Pathology	30 November 2021
3	Dr Ashwin Verma	Consultant Pathologist, Apollo Hospitals, Guwahati	Visit to campus	27 December 2021
4	Dr Zubair Hasan	Pathologist and Lab Head, Healthians Labs, Bengaluru	Visit to campus	27 December 2021



Sl. No.	Visitor	Name of the Organization	Purpose of Visit	Date of Visit
<b>Pharmacology</b>				
1	Dr Subhrojyothi Bhowmick	Clinical Director (Academics and Clinical Research), Peerless Hospital, Kolkata	Principles of Pharmacovigilance and ADR	3 March 2021
				
2	Dr Subhrojyothi Bhowmick	Clinical Director (Academics and Clinical Research), Peerless Hospital, Kolkata	New drug development	6 June 2021 to 6 June 2021
				
3	Dr Subhrojyothi Bhowmick	Clinical Director (Academics and Clinical Research), Peerless Hospital, Kolkata	Ethical issues in clinical trials during a pandemic	15 June 2021
				
4	Dr Subhrojyothi Bhowmick	Clinical Director (Academics and Clinical Research), Peerless Hospital, Kolkata	Guest lecture on Pharmacovigilance: Responsibility of Healthcare Professionals	28 September 2021
				
5	Dr Natesh Prabhu	Professor, Department of Pharmacology, Dhanalakshmi Srinivasan Medical College and Hospital, Perambalur, Tamil Nadu	Drug Treatment of male infertility and erectile dysfunction	28 October 2021
				
<b>Physiology</b>				
1	Dr Rekha B Baliga	Associate Professor and Head, Department of Physiology, Manipal University, College of Malaysia (MUCM), Melaka	Delivered an online guest lecture via the MS team	5 June 2021
				

Sl. No.	Visitor	Name of the Organization	Purpose of Visit	Date of Visit
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2	Dr Anish Singhal	Assistant Professor of Physiology, All India Institute Medical Sciences, Hyderabad, India	Delivered an online guest lecture via the MS team	18 June 2021
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### Physiotherapy

1	Dr Forhad Akhtar Zaman	Department of Community Medicine at AIIMS Guwahati	Guest Lecture on How to Conduct a Survey study	11 October 2021
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### Psychiatry

1	Dr Nagesh Pai	Foundation Professor of Psychiatry at the University of Wollongong's Graduate Medicine, Australia	Perinatal Psychopharmacology- An Overview	4 August 2021
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2	Dr Keshav Kumar	Professor, Clinical Psychologist, National Institute of Mental Health and Neurosciences (NIMHANS), Bangalore	Assessment and Cognitive Training in the Elderly	20 September 2021
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3	Mrs Loretta Pinto	Founder and Director, Susheg Jivith Neuro Care, Mangalore	Guest Lecture on Alzheimer's Dementia	22 September 2021
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4	Dr Nagesh Pai	Foundation Professor of Psychiatry at the University of Wollongong's Graduate Medicine, Australia	Art of Writing Research Paper in Psychiatry	4 October 2021
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### Radiodiagnosis

1	Dr Parvathi Ramachandran	Consultant Radiologist, Westford Hi-tech Hospital, Thrissur	Guest lecture by Alumni on Approach to arthritis (Musculoskeletal Radiology)	27 July 2021
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Sl. No.	Visitor	Name of the Organization	Purpose of Visit	Date of Visit
2	Dr Mithun Sekhar 	Consultant Radiologist, Postgraduate Institute of Medical and Research, Chandigarh	Guest lecture by Alumni on Diagnostic of Stroke (Neuro Radiology)	4 August 2021
3	Dr Kishan Bhagwat 	Consultant Radiologist, Consultant Ayush Imaging Centre, Davangere	Guest lecture by Alumni on Case-based review (Neck Radiology)	17 August 2021
4	Dr Sanjeev Nayak 	Consultant Interventional Neuro-radiologist, Keele University Medical School	Guest Lectures on Mechanical Thrombectomy: Advances in Innovative Stroke Treatment	14 September 2021
5	Dr Vijetha Maller 	Assistant Professor, Lebonheur Children's Hospital, The University of Tennessee Health Science Centre, Memphis	Guest lecture by Alumni- Paediatric Acute Abdomen	5 October 2021
6	Dr Tom George 	In-charge – Division of Interventional Radiology and Interventional Oncology, Believers Church Medical College Hospital, Thiruvalla	Guest lecture-Introduction to interventional radiology	23 November 2021
7	Dr Rajat Bhargav 	HOD of Radiology, Fortis Hospital, Mumbai	Guest lecture Clinical Radiology: The way forward for meaningful radiology efforts	14 December 2021

#### Radiotherapy

1	Dr Jayapalan N V 	Chief Medical Physicist, Mangalore Institute of Oncology, Mangalore	Management of plan complexity in advanced radiotherapy	17 December 2021
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**Details of Publications:**

National		International	
Indexed	Non - Indexed	Indexed	Non - Indexed
81	7	284	4

**Conferences attended by Institution faculty and students:**

Faculty		Student	
National	International	National	International
91	47	47	31




**Details of Conferences/Workshops conducted by the Institution:**

Particulars	National	International
Conference	0	1
Workshop	1	1
Seminar	0	0
Other	3	2
CME/CDE	0	2

**Books/chapters authored by faculty members:**

Sl. No.	Name of the Book	Chapter(s) name (if authored, chapters only)	Faculty members	Publisher	Date
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**Anatomy**

1	Ergonomics for Healthcare Professionals	Anatomical Aspects of the Musculoskeletal System in Relation to the Ergonomics	Dr Mangala M Pai	Mahi Publication	31 December 2021
					
2	Ergonomics for Healthcare Professionals	Anatomical Aspects of the Musculoskeletal System in Relation to the Ergonomics	Dr Murlimanju B V	Mahi Publication	31 December 2021
					
3	Ergonomics for Healthcare Professionals	Gender-Based Human Morphological Variations for Ergonomics	Dr Prameela M D	Mahi Publication	31 December 2021
					

Sl. No.	Name of the Book	Chapter(s) name (if authored, chapters only)	Faculty members	Publisher	Date
<b>Community Medicine</b>					
1	IAPSM's Textbook of Community Medicine – 2nd Ed 	Epidemiology of Cancer	Dr Animesh Jain	Jaypee Brothers	31 December 2021
<b>Forensic Medicine</b>					
1	Novichok: Toxic Riddle for toxic detectives 	Full Book	Dr Prateek Rastogi	Amazon Kindle	31 December 2021
2	Poison Damsels: Toxic riddles for toxic detectives 	Full Book	Dr Prateek Rastogi	Amazon Kindle	31 December 2021
3	Death Camas: Toxic riddles for toxic detectives 	Full Book	Dr Prateek Rastogi	Amazon Kindle	31 December 2021
4	Methyl Isocyanate MIC: Toxic riddles for toxic 	Full Book	Dr Prateek Rastogi	Amazon Kindle	31 December 2021

Sl. No.	Name of the Book	Chapter(s) name (if authored, chapters only)	Faculty members	Publisher	Date
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detectives.



5	ARUM family of Araceae: Toxic riddles for toxic detectives	Full Book	Dr Prateek Rastogi	Amazon Kindle	31 December 2021
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6	Christmas in Hollywood: Toxic riddles for toxic detectives	Full Book	Dr Prateek Rastogi	Amazon Kindle	31 December 2021
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### General Medicine

1	The third edition of Exam Preparatory Manual for Undergraduates Medicine	Full Book	Dr Archith Bloor	Jaypee	31 December 2021
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2	Dr Sheetal Raj Geriatric Medicine	Geriatric Medicine	Dr Sheetal Raj	Jaypee	31 December 2021
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3	3rd edition of Exam Preparatory Manual for	Respiratory system	Dr Navyashree	Jaypee	31 December 2021
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Sl. No.	Name of the Book	Chapter(s) name (if authored, chapters only)	Faculty members	Publisher	Date
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Undergraduates MEDICINE



4	The Washington Manual of Medical Therapeutics – SAE	Full Book	Dr Archith Bloor	Wolters Kluwer India Pvt Ltd	31 December 2021
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5	The Washington Manual of Medical Therapeutics – SAE	Geriatric Medicine, Pain, Palliative care, End of life care	Dr Sheetal Raj	Wolters Kluwer India Pvt Ltd	31 December 2021
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6	Comprehensive Dentistry for Students	Full Book	Dr Archith Bloor	Jaypee Brothers Medical Pub Pvt Ltd	31 December 2021
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### Obstetrics and Gynaecology

1	Forensic Analysis- Scientific and Medical Evidence under the	Obstetric Markers as a Diagnostic Forensic Tool	Dr Adithi Shetty, D B Suresh Kumar Shetty	Open Access Books	31 December 2021
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Sl. No.	Name of the Book	Chapter(s) name (if authored, chapters only)	Faculty members	Publisher	Date
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### Orthopaedics

1	A Guide to Musculoskeletal Injuries	Full Book	Dr B Seetharama Rao	CBS Publisher and Distributors Pvt Ltd	31 December 2021
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### Paediatrics

1	Skin imaging techniques	Perinatal death in stillbirth	Dr Soundarya	Jaypee brothers	31 December 2021
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### Pharmacology

1	Nano-pharmacokinetics and Theranostics	Nano-pharmacokinetic's assessment	Dr Ashwin Kamath, Dr Amrita Parida	Academic Press	31 December 2021
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### Physiology

1	Clinical Pearls in Respiratory Medicine-e-book	Full Book	Dr Vishnu Sharma M, Dr Anupama N	Publication Of National College of Chest Physicians	31 December 2021
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Sl. No.	Name of the Book	Chapter(s) name (if authored, chapters only)	Faculty members	Publisher	Date
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2	Gastrointestinal System	Full Book	Dr Suman, Dr Kishan	Mahi Publication	31 December 2021
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### Psychiatry

1	Hope Efficacy Resilience and Optimism towards Holistic Living: Conference Proceedings	Mindfulness in Patients treated for Alcohol Dependence Syndrome: A Need for Dynamic Understanding	Mr Mahesh B S	Jain University Press	31 December 2021
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### Radiodiagnosis

1	Skin imaging techniques	Diagnostic Dermatology	Rochelle C Monteiro, Merwyn Fernandes	Jaypee Brothers	31 December 2021
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### Details of Research Grants:




Sl. No.	Project Name	Principal Investigator	Funding Agencies	Total Grants Received (INR)	Date(s)
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#### Audiology and Speech Language Pathology

1	Technique to optimize perception of spatial cues and spatial release from masking	Dr Arivudai Nambi, Dr Jayashree S Bhat	Indian Council of Medical Research	24,08,436.00	24 February 2021
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Sl. No.	Project Name	Principal Investigator	Funding Agencies	Total Grants Received (INR)	Date(s)
2	Sangyanonnati – A multicentre customized cognitive communicative wellbeing program for middle-aged adults	Dr Gagan Bajaj, Dr Jayashree S Bhat and Dr Vinitha	Department of Science and Technology (DST)	16,82,129.00	18 March 2021
					
3	Pranayama and Voice Related Quality of Life among Teachers	Dr Jayashree Bhat	Government of India, Ministry of Science and Technology, Department of Science and Technology	42,03,200.00	31 March 2021
					
4	Tele-based speech therapy for children with language disabilities during the COVID-19 pandemic	Sudhin Karuppall	Science and Engineering Research Board (SERB) New Delhi	2,20,000.00	23 August 2021
					
5	The Contribution of Envelop Cues for the Perception of Inter-aural Time Difference among Young Adults	Dr Vibha Kanagokar	ICMR ,New Delhi	17,01,952.00	9 September 2021
					

Sl. No.	Project Name	Principal Investigator	Funding Agencies	Total Grants Received (INR)	Date(s)
6	Development and Validation of a Novel Non-Invasive Device for identification of Aspiration risk	Dr Radish Kumar B, Mr Rahul, Dr Chaprapani, Mr Sudharshana Acharya(MSIS), Dr Prasantha Ghosh (IISc)	Biotechnology Industry Research Assistance Council ( BIRAC)	37,00,000.00	31 December 2021
					
7	Cross-Sectional Study Based Assessment of Cognitive Communicative Abilities in Preschool Children: A development Profile	Malavika A	National Council of Educational Research and Training--Towards the ERIC Research grant	4,10,000.00	31 December 2021
					
8	'NeuroCognitive Linguistic Processing Skills In Children with Learning Disabilities, An Insight into identification and Management	Dr Jayashree Bhat	Government of India, Ministry of Science and Technology, DST, New Delhi	20,51,480.00	31 December 2021
					
9	Association of Occupational Ionizing Radiation Exposure with Hearing Among Hearing Among Health	Dr Arivudai Nambi	ICMR, New Delhi	10,53,198.00	31 December 2021

Sl. No.	Project Name	Principal Investigator	Funding Agencies	Total Grants Received (INR)	Date(s)
	Professionals				
					
	<b>Community Medicine</b>				
1	Incentives To Pregnant Mother During Antenatal Care For Better Maternal And Non-Neonatal Outcome	Dr Ramesh Holla	ICMR, New Delhi	9,08,370.00	24 February 2021
					
2	Hospital-Based Cancer Registries Data Management Software Under NCDIR, Bengaluru	Dr Unnikrishnan	ICMR, New Delhi	34,20,510.00	10 July 2021
					
3	An Affordable therapeutic solution for rehabilitation of cerebral palsy children with crouch gait	Dr Unnikrishnan B	Science and Engineering Research Board (SERB) New Delhi	77,000.00	23 August 2021
					
4	Consultancy Service -Survey of Tertiary Level healthcare Hospitals of	Dr Vaman Kulkarni	Ministry of Health AND Family Welfare, Government Of India represented by NVR and	10,17,500.00	31 December 2021

Sl. No.	Project Name	Principal Investigator	Funding Agencies	Total Grants Received (INR)	Date(s)
	Various Districts in the state of Karnataka		Associated Ltd, New Delhi		
					
5	Building Capacity for prevention and control of vector-borne diseases in the rural communities of Mangalore	Dr B Unnikrishanan	Technip Relief and Development Fund, Paris, France	8,03,566.30	31 December 2021
					
6	AIIMS SRS Verbal Autopsy Project under the aegis of the Office of the Registrar General of India (ORGI) and Ministry of Home Affairs (MHA), Government of India.	Dr Vaman Kulkarni	All India Institute of Medical Sciences (AIIMS) New Delhi)	1,74,300.00	31 December 2021
					
7	Modular Intervention to Improve Paternal involvement and support for better Infant and	Dr Prasanna Mithra P	PUBLIC HEALTH FOUNDATION OF INDIA (PHFI)	25,58,160.00	31 December 2021

Sl. No.	Project Name	Principal Investigator	Funding Agencies	Total Grants Received (INR)	Date(s)
	Young Child Feeding (IYCF) in Dakshina Kannada District of Karnataka -A Randomized Controlled Trial				
					
8	Case Studies of Successful FAIMER Fellows using Success Case Method	Dr Animesh Jain	FAIMER, USA	9,71,869.23	31 December 2021
					
9	Evaluation of ONGC-MRPL wing of ladygoshen hospital building as corporate social responsibility	Dr Unnikrishnan	ONGC-MRPL	2,36,775.00	31 December 2021
					
10	NTF Project entitled; Descriptive Epidemiology of Unintentional Childhood injuries in India': An ICMR Task Force Multisite	Dr Nithin Kumar	ICMR	22,78,600.00	31 December 2021

Sl. No.	Project Name	Principal Investigator	Funding Agencies	Total Grants Received (INR)	Date(s)
	Study				
					
	<b>Microbiology</b>				
1	Clinical, phenotypic and genotypic characterization of Healthcare-Associated Methicillin-Resistant Staphylococcus aureus	Ms Sreejisha M (PhD Student)	Department of Science and Technology (DST), New Delhi INSPIRE Fellowship	4,21,760.00	11 September 2021
					
2	Attitude and Knowledge of Antibiotic usage among people of Dakshina Kannada District and estimation of the burden of antibiotic-resistant gut bacteria in humans and poultry – A community-based study	Guide: Dr Shrikala Baliga Co-Guide: Dr Suchitra Shenoy	DBT SRF PhD Scholarship, DBT New Delhi	4,13,560.00	30 October 2021
					
3	Contract agreement addressed to Dr Akshata	Dr Shrikala Baliga	PFIZER LIMITED	20,75,000.00	22 November 2021



Sl. No.	Project Name	Principal Investigator	Funding Agencies	Total Grants Received (INR)	Date(s)
	Mani 				
4	Detection of common diarrheagenic bacterial and viral pathogens in faecal samples of paediatric patients by a polymerase chain reaction	PI: Dr Dhanashree B: Col - Dr Suchetha S Rao, Dr Sevitha Bhat, Dr Archana Bhat and Dr Vidyalakshmi K	MAC ID	2,00,000.00	31 December 2021
					
5	Utility of direct detection of mecA gene in the clinical specimen for detection of Methicillin-Resistant Staphylococcus aureus	PI: Dr Sevitha Bhat, Col: Dr Gopalakrishna Bhat, Dr Shalini Shenoy, Dr Pooja Rao	MAC ID	2,00,000.00	31 December 2021
					
6	ASPIRE STUDY (A Surveillance study on The Antibiotic Susceptibility Pattern of Bacterial Isolates collected from Patients at various Indian Tertiary Care Hospitals – A	PI: Dr Shrikala Baliga, Col: Dr Suchitra Shenoy	Wockhardt Limited	4,39,346.00	31 December 2021

Sl. No.	Project Name	Principal Investigator	Funding Agencies	Total Grants Received (INR)	Date(s)
	Multicentric PAN India study)				
					
7	Nanoparticle – encapsulated antibiotics to combat bacterial biofilms	Dr Suchithra Shenoy	MAC ID SEED MONEY	2,00,000.00	31 December 2021
					
8	TB fish assays for diagnosis of tuberculosis and mycobacteria other than tuberculosis	Dr Shrikala Baliga	ID Fish Technology INC	16,48,800.00	31 December 2021
					
9	Surveillance of antimalarial drug efficacy and characterization of drug resistance-associated genetic polymorphisms among Plasmodium falciparum and Plasmodium vivax in	Ms Rakshita Maskeri	DST	22,09,352.00	31 December 2021

Sl. No.	Project Name	Principal Investigator	Funding Agencies	Total Grants Received (INR)	Date(s)
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Mangalore



### Orthopaedics

1	Study of Acoustic Dynamics and Volumetric Flow Analysis to Access arterial perforators by Doppler Ultrasound and its quantification by Computer Simulations and Bio Fluid Physics	Dr. Surendra Kamath	VGST	40,00,000.00	31 December 2021
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### Paediatrics

1	Rotasiil Vaccine Impact Assessment study in Kerala, Karnataka, Maharashtra and Gujarat, India	Dr Nutan Kamath	Melinda Gates Foundation USA through CMC Vellore Association, Tamilnadu	1,76,204.00	16 September 2021
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2	Rotasiil vaccine intussusception surveillance in Kerala, Karnataka,	Dr Kamalakshi G Bhat	Melinda Gates Foundation USA through CMC Vellore	4,88,048.00	31 December 2021
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Sl. No.	Project Name	Principal Investigator	Funding Agencies	Total Grants Received (INR)	Date(s)
	Maharashtra and Gujarat, India: RIS				
					
<b>Pathology</b>					
1	Utility of Serum Procalcitonin and CD64 ratio expressed on neutrophil, lymphocyte and monocyte subsets in the diagnosis of early onset Neonatal Sepsis	Dr Shridevi	MAC ID SEED MONEY	2,00,000.00	31 December 2021
					
2	Development of a label free Stokes-Muller polarization microscopy for tissue characterization 2017, Dr Sharada Rai, Science and Engineering Research Board (SERB)	Dr Nirmal Mazumder Col: Dr Sharada Rai	SERB	39,92,560.00	31 December 2021
					
<b>Pharmacology</b>					
1	Prevalence of Vitamin D deficiency in HIV Positive Patients and Effect of its	Dr Priyanka Kamath	Science and Engineering Research Board (SERB) (Department of	14,82,250.00	31 December 2021

Sl. No.	Project Name	Principal Investigator	Funding Agencies	Total Grants Received (INR)	Date(s)
	Supplementation on Response to Antiretroviral Therapy, a prospective, Randomised Cross -Over study		Science and Technology, Government of India		
					

### Physiology

1	Smart brain of India versus tricky drugs	Dr Rashmi K S	IBRO	1,30,284.37	31 December 2021
					

### Awards/Recognitions:

Institution (including "The Best Teacher Award" for the year)

Sl. No.	Name	Details	Date
<b>Anaesthesiology</b>			
1	Dr Madhusudan Upadya	Research awards	31 December 2021
<b>Anatomy</b>			
1	Dr Latha V Prabhu	Research awards	31 December 2021
2	Dr Mangala M Pai	Research awards	31 December 2021
3	Dr Muralimanju B V	Research awards	31 December 2021
4	Dr Rajalakshmi Rai	Research awards	31 December 2021
5	Mr Y Lakshmisha Rao	Good Teacher Award 2019	31 December 2021
6	Dr Mangala M Pai	Good Teacher Award 2019	31 December 2021
<b>Audiology and Speech Language Pathology</b>			
1	Dr Dhanshree R. Gunjawate	Research awards	31 December 2021
2	Dr Rohit Ravi	Research awards	31 December 2021
3	Dr Vibha Kanagokar	Research awards	31 December 2021
4	Dr Radish Kumar B	Books Publication Awards	31 December 2021
5	Dr Gagan Bajaj	Books Publication Awards	31 December 2021
6	Dr Radish Kumar B	Research awards	31 December 2021
7	Dr Jayashree S Bhat	Research awards	31 December 2021
8	Dr Sudhin Karuppali	Research awards	31 December 2021

Sl. No.	Name	Details	Date
9	Dr Gagan Bajaj	Research awards	31 December 2021
<b>Biochemistry</b>			
1	Dr Poornima Manjrekar	Research awards	31 December 2021
2	Dr Gayathri M Rao	Research awards	31 December 2021
3	M. Aradhana Marathe	Research awards	31 December 2021
4	Ms Shyamala Nayak	Research awards	31 December 2021
5	Dr Anupama Hegde	Research awards	31 December 2021
<b>Community Medicine</b>			
1	Dr Prasanna Mithra P	Research awards	31 December 2021
2	Dr Nitin Joseph	Research awards	31 December 2021
3	Dr Rekha T	Research awards	31 December 2021
4	Dr Ramesh Holla	Research awards	31 December 2021
5	Dr Nithin Kumar	Research awards	31 December 2021
6	Dr Vaman Kulakarni	Research awards	31 December 2021
7	Dr Unnikrishnan B	Research awards	31 December 2021
8	Dr Darshan B.B	Research awards	31 December 2021
9	Dr Prasanna Mithra P	Research Awards	31 December 2021
10	Dr Ramesh Holla	Research Awards	31 December 2021
11	Dr Priya Rathi	Research Awards	31 December 2021
12	Dr Nithin Kumar	Distinguished Alumni Award 2019	31 December 2021
13	Dr B Unnikrishnan	Books/Chapters Award 2019	31 December 2021
14	Dr Animesh Jain	Books/Chapters Award 2019	31 December 2021
15	Dr Priya Rathi	Junior Researcher Award	31 December 2021
16	Dr Nitin Joseph	Maximum FAIR publication in 2019	31 December 2021
17	Dr B Unnikrishnan	Research Awards	31 December 2021
<b>Dermatology</b>			
1	Dr Kashinath Nayak A	Patrick Pinto Memorial Award 2019	31 December 2021
<b>Forensic Medicine</b>			
1	Dr B. Suresh Kumar Shetty	Research awards	31 December 2021
2	Dr Jagadish Rao P P	Research awards	31 December 2021
3	Dr Pavanchand Shetty H	Research awards	31 December 2021
4	Dr Haneil Larson D'Souza	Good Teacher Award 2019	31 December 2021
5	Dr Jagadish Rao P P	Research Awards	31 December 2021
6	Dr B Suresh Kumar Shetty	Books Publication Awards	31 December 2021
7	Dr Prateek Rastogi	Books Publication Awards	31 December 2021
8	Dr Pavanchand Shetty H	Books Publication Awards	31 December 2021
9	Dr Prateek Rastogi	Books/Chapters Award 2019	31 December 2021
10	Dr Pavanchand Shetty H	Books/Chapters Award 2019	31 December 2021
11	Dr Haneil D'Souza	Books/Chapters Award 2019	31 December 2021
<b>General Medicine</b>			
1	Dr Chakarapani M	Research awards	31 December 2021

Sl. No.	Name	Details	Date
2	Dr Sheetal Raj	Books/Chapters Award 2019	31 December 2021
3	Dr Archith Bolor	Good Teacher Award 2019	31 December 2021
4	Dr Garry Valerian Pais	Good Teacher Award 2019	31 December 2021
5	Dr Archith Bolor	Research Awards	31 December 2021
6	Dr Archith Bolor	Books/Chapters Award 2019	31 December 2021
7	Dr M. Chakrapani	Books/Chapters Award 2019	31 December 2021
8	Dr Archith Bolor	Best Audio Visual Award	31 December 2021
9	Dr Archith Bolor	Books Publication Awards	31 December 2021
10	Dr Sheethal Raj M	Books Publication Awards	31 December 2021
<b>General Surgery</b>			
1	Dr Alfred J Augustine	Research awards	31 December 2021
2	Dr U Anand Kini	Good Teacher Award 2019	31 December 2021
3	Dr Srirama Bhat M	Books Publication Awards	31 December 2021
4	Dr M Shrirama Bhat	Books/Chapters Award 2019	31 December 2021
<b>Microbiology</b>			
1	Dr Shrikala Baliga	Research awards	31 December 2021
2	Dr Gopalakrishna Bhat K	Research awards	31 December 2021
3	Dr Sevitha Bhat	Distinguished Alumni Award 2019	31 December 2021
4	Dr K Vishwas Saralaya	Books/Chapters Award 2019	31 December 2021
5	Dr Suchitra Shenoy M	Books/Chapters Award 2019	31 December 2021
6	Dr Shrikala Baliga	Books Publication Awards	31 December 2021
7	Dr Suchithra Shenoy M	Books Publication Awards	31 December 2021
<b>Neuro Surgery</b>			
1	Dr Arjun Shetty	Distinguished Alumni Award 2019	31 December 2021
2	Dr Arjun Shetty	Distinguished Alumni Award 2019	31 December 2021
<b>Neurology</b>			
1	Dr Shivanada Pai D	Distinguished Alumni Award 2019	31 December 2021
<b>Obstetrics and Gynaecology</b>			
1	Dr Adithi S. Shetty	Research awards	31 December 2021
2	Dr Priya Ballal K	Good Teacher Award 2019	31 December 2021
3	Dr Priya Ballal k	Books Publication Awards	31 December 2021
4	Dr Nikil Shetty	Books Publication Awards	31 December 2021
<b>Ophthalmology</b>			
1	Dr Teena Mariet Mendonca	Young Researcher Award	31 December 2021
<b>OTO Rhino Laryngology</b>			
1	Dr M Panduranga Kamath	Research awards	31 December 2021
2	Dr Deviprasad D	Good Teacher Award 2019	31 December 2021

Sl. No.	Name	Details	Date
3	Dr Meera Niranjana Khadilkar	Audio-Visual Teaching Material 2019	31 December 2021
<b>Paediatrics</b>			
1	Dr Soundarya M	Good Teacher Award 2019	31 December 2021
<b>Pathology</b>			
1	Dr Sharada Rai	Research awards	31 December 2021
2	Dr Hema Kini	Research awards	31 December 2021
3	Dr Jyoti R Kini	Research awards	31 December 2021
4	Dr Pooja K S	Research awards	31 December 2021
5	Dr Jyoti R Kini	Dr TMA Pai Gold Medal for the Best Research Paper for the year 2019 for the article "Novel Color Normalization Method for Hematoxylin and Eosin Stained Histopathology Images".	31 December 2021
6	Dr Amanda Christina Pinto	Good Teacher Award 2019	31 December 2021
7	Dr Pooja K S	Books Publication Awards	31 December 2021
8	Dr Saraswathy Sreeram	Best Audio-Visual Award	31 December 2021
9	Dr Sridevi H B	Books Publication Awards	31 December 2021
<b>Pharmacology</b>			
1	Dr Priyanka Kamath	Research awards	31 December 2021
2	Ms Rakshitha Maskeri	Research awards	31 December 2021
3	Dr Ashwin Kamath K Anandaraya	Audio-Visual Teaching Material 2019	31 December 2021
<b>Physiology</b>			
1	Dr Nayanatara Arunkumar	Research awards	31 December 2021
2	Dr Pratik Kumar Chatterjee	Distinguished Alumni Award 2019	31 December 2021
3	Dr Suman Budihal	Books/Chapters Award 2019	31 December 2021
4	Dr Suman Veerappa Budihal	Books Publication Awards	31 December 2021
<b>Pulmonary Medicine</b>			
1	Dr Anand R	Good Teacher Award 2019	31 December 2021
<b>Radiotherapy</b>			
1	Dr Sourjya Banerjee	Research awards	31 December 2021
2	Dr P U Prakash Saxena	Research awards	31 December 2021
<b>Urology</b>			
1	Dr G G Laxman Prabhu	Books/Chapters Award 2019	31 December 2021



## Faculty Members

Sl. No.	Name	Details	Date
<b>Anatomy</b>			
1	Mr Y Lakshmisha Rao	First position in research presentation	26 September 2021
<b>Community Medicine</b>			
1	Dr Nithin Kumar	First prize for oral presentation on the theme COVID Vaccine at IPHACON2021 JIPMER	25 September 2021
2	Dr Animesh Jain	Gold Medal – Philately Exhibition in FILANANIAS 2021 Level I Open Exhibition, Brazil for his exhibit titled	30 September 2021
<b>Forensic Medicine</b>			
1	Dr Pavanchand Shetty H	Second Prize for Paper on Effect of Dexterity and Gender on Fingernail Configuration in Medical Students.	6 October 2021
<b>General Medicine</b>			
1	Dr Archith Bloor	Recognition for contribution to the field of medicine and medical literature	24 January 2021
2	Dr Chakrapani M	A J Institute of Medical ScienceAJIM annual award for the best reviewer of the year 2020	18 September 2021
3	Dr M Venkatraya Prabhu	Felicitations by IMA President 2021-22 Dr M Venkatachalapathy at 87th Medicon 2020-21 held at Jindal Auditorium	30 October 2021
<b>Microbiology</b>			
1	Dr Dhanahsree B	Won second prize for paper presentation on "Antibiotic susceptibility pattern of Enterococcus spp, isolated from post-operative wound infection" during 41st Annual Conference of Indian Association of Biomedical Scientists. International Virtual Conference on "Recent Trends in Biomedical Research"	14 March 2021
2	Dr Vishwas Saralaya	Winner at Badminton (Men Single ) above 45 years	5 December 2021
<b>Paediatrics</b>			
1	Dr Suchetha Rao	Young Talent Hunt Award for the oral presentation titled Assessment of serum Vitamin E levels and clinical outcome in Pediatric Intensive Care Unit at Criticare 2021	28 February 2021
2	Dr Soundarya	The best outgoing "Dr S C Arya gold Medal" award. The course spanned over one and half years and had three personal sessions as well as all year long online classes with faculty from all over the world.	3 May 2021

Sl. No.	Name	Details	Date
<b>Physiology</b>			
1	Dr Nayantara A K	Third Prize in the Paper Presentation	9 September 2021
2	Dr Rekha D Kini	Third Prize in the Paper Presentation	9 September 2021
3	Mrs Megha Gokul	Best oral paper presentation award	24 September 2021
<b>Physiotherapy</b>			
1	Mr Ashish John Prabhakar	Second place for paper presentation in Senior Category	26 January 2021
2	Dr Pradeepa Nayak	Third prize in the platform presentation	11 December 2021
<b>Psychiatry</b>			
1	Mr Mahesh B S	Professor Mehdi Hasan Award For Best Research Presentation	30 October 2021
<b>Radiodiagnosis</b>			
1	Dr Santosh Rai	First Place in Yoga Photo Contest	30 June 2021

### Students

Sl. No.	Name	Details	Date
<b>Anatomy</b>			
1	Ms Shipra Sridhar	First Prize - Gross anatomy Drawing, Department of Anatomy, KMC, Mangalore	15 October 2021
2	Ms Nidhi	Second Prize - Gross anatomy Drawing, Department of Anatomy, KMC, Mangalore	15 October 2021
3	Ms Chaitra Shet C	First Prize - Histology Drawing, Department of Anatomy, KMC, Mangalore	15 October 2021
4	Ms Niveditha Naresh	Second Prize - Histology Drawing, Department of Anatomy, KMC, Mangalore	15 October 2021
5	Ms Harshita Rastogi	First Prize- Anatomy Quiz, Department of Anatomy, KMC, Mangalore	15 October 2021
6	Mr Ben Sebastian Mathew	Second Prize-Anatomy Quiz, Department of Anatomy, KMC, Mangalore	15 October 2021
7	Ms Rajshree Choudhary	Second Prize - Histology Drawing, Department of Anatomy, KMC, Mangalore	15 October 2021
8	Ms Rasha Zaynab	First Prize- Creative writing, Department of Anatomy, KMC, Mangalore	15 October 2021
9	Ms Padmika K Shetty	Second Prize- Creative writing, Department of Anatomy, KMC, Mangalore	15 October 2021

### Audiology and Speech Language Pathology

1	Ms Suzan Deenal Pinto	Best paper in the oral paper presentation category	13 November 2021
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### Community Medicine

1	Dr Neneh Feren	First prize for her oral presentation on the theme of Noncommunicable Disease NCD - Risk Factors	25 September 2021
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### General Medicine

1	Dr Ashwini M V	Competitive examination in Medicine - Thoracic Medicine and Cardiology	14 January 2021
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Sl. No.	Name	Details	Date
2	Dr Siddharth Sadananda and Dr Yashendu Sarda	Winners of Dr Sita Mahalakshmi memorial postgraduate quiz competition	24 January 2021
3	Dr Govind Tiwari and Dr Harshitha B Y	Runners of Dr Sita Mahalakshmi memorial postgraduate quiz competition	24 January 2021
4	Dr Mahima Gupta	Third prize in The white army Epignosis Archimedics National Level online General Medicine Quiz, The white army Youtube Channel	2 May 2021
5	Dr Akash Kishore Golani	Second prize for the Oral Research paper presentation	13 June 2021
6	Dr Chinmay Gunda	First prize for PG thesis presentation	26 September 2021
7	Dr Tejaswini L	Second prize for PG thesis presentation	26 September 2021
8	Dr Smith Nath	Competitive examination in Medicine - Thoracic Medicine and Cardiology	3 December 2021
9	Mr Adit and Mr Prakhar	Third prize in the medicine quiz, KIMS	4 December 2021
10	Dr Nagendra and Dr Akshay Prabhu	First place in the quiz at Father Muller College	11 December 2021
<b>General Surgery</b>			
1	Dr Geeta S	Best Paper Award-First Prize	19 December 2021
2	Dr Choudhari Rajat Ravindrakumar	Best Free Paper Award	19 December 2021
<b>Obstetrics and Gynaecology</b>			
1	Dr Sabrina Sood	The 'X' Factor Certificate of Appreciation - First prize at the Singing Competition	14 February 2021
2	Dr Varsha Sinha	Tamilnadu Federation of Obstetricians and Gynaecologists Conference	19 June 2021
<b>Ophthalmology</b>			
1	Dr Anshul Chandak	Postgraduate Debate - Topic: Endoph Matters	3 September 2021
<b>Orthopaedics</b>			
1	Dr Rakshith Patil	KOACON 2021(Hassan) Online	31 July 2021
2	Dr Prajwal M D	KOACON 2021(Hassan) Online	31 July 2021
3	Dr Ankush Ratanpal	KOACON 2021(Hassan) Online	31 July 2021
4	Dr Shashwat Agrawal	KOACON 2021(Hassan) Online	31 July 2021
5	Dr Shashwat Agrawal, Dr Prajwal MD	Dr H K Vishwanath Memorial PG Quiz Second Prize	21 November 2021
<b>OTO Rhino Laryngology</b>			
1	Dr Sanchit Bajpai and Dr Rakshitha	Postgraduate Quiz Program	21 February 2021
<b>Paediatrics</b>			
1	Dr Nisanth Selvam	First prize in IAP Final Divisional Round Post Graduate Quiz	24 September 2021

Sl. No.	Name	Details	Date
2	Dr Nitheesh R N	First prize in IAP Final Divisional Round Post Graduate Quiz	24 September 2021
3	Dr Nisanth Selvam	Second prize in IAP State Level Postgraduate Quiz	25 November 2021
4	Dr Niteesh R N	Second prize in IAP State Level Postgraduate Quiz	25 November 2021
5	Dr Pooja G	First Prize in paper presentation at KARPEDICON 2021	5 December 2021
6	Dr Mohammed Abdul Azeem	Second prize in paper presentation at KARPEDICON 2021	5 December 2021

### Pathology

1	Dr Sindhoor	Awarded second place for the participation in the Oral Presentation Competition for the paper titled "PAS Staining-A counterpart of the Immunoreactivity seen by Direct Immunofluorescence in Bullous Pemphigoid" guided by Dr Sharada Rai, Dr Deepa Adiga and Dr Gatha M Upadhya	26 June 2021
2	Dr Arvind N	Won session on Oral Paper (Postgraduate category) titled "Immunohistochemical Expression of Survivin in colorectal carcinoma".	3 October 2021
3	Dr Murugaiyan	Won session Topper in E-Poster titled: Clinicopathological Evaluation of Colorectal Carcinoma with Signet Ring Cell Morphology.	3 October 2021

### Physiotherapy

1	Ms Aditi Goyal	Second place in paper presentation in the junior category	27 February 2021
2	Ms Smital Laxmikant kshirsagar	Third place in scientific poster presentation in the junior category	27 February 2021
3	Ms Chaitali Yeragi	First Prize in Community PT- Junior Category	27 March 2021

### Psychiatry

1	Mr Pranay Javeri	Professor Mehdi Hasan Award For Best Research Presentation	30 October 2021
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### Staff

Sl. No.	Name	Details	Date
<b>Administration</b>			
1	Mrs Bhanukala Uday	Excellence Service Award to Non-teaching Staff- 2020 – Amount 50,000/- INR	15 August 2021

### Extra-Curricular Activities:

#### Sports Activities:

#### Inter Institution:

Sl. No.	Event	Details	Date(s)
<b>Administration</b>			
1	Chess Championship	Inter District Chess Championship held at Mangalore in Sharada Vidyalaya	31 October 2021


Sl. No.	Event	Details	Date(s)
2	Staff Badminton tournament	Inter-Collegiate Staff Badminton tournament (Men and Women)	5 December 2021
3	Cricket Match	Cricket Match between the Pro Chancellors 11 Vs Vice Chancellors 11 at MARENA Greens at Attavar, Mangalore	12 December 2021



#### Outside University:

Sl. No.	Event	Details	Date(s)
<b>Administration</b>			
1	Inter district tournament	Inter district tournament organized by Yuva Sabaligarana Ilake Dakshina Kannada	24 December 2021
2	Chess tournament	National level one day Rapid chess tournament held at Belgaum	31 October 2021
3	Chess tournament	First NGI International FIDE rated chess tournament held in Bangalore	30 November 2021
4	Chess tournament	Inter district chess tournament organized by Yuva Sabaligarana Ilake Dakshina Kannada	30 December 2021
5	Chess tournament	National level one day rapid chess tournament held at Hubli	24 October 2021
6	Chess tournament	All India FIDE rated rapid chess tournament held at Kundapur	31 December 2021
7	Chess championship	Second Inter district Open chess championship held at Mangalore in Sharada Vidyalyaya	31 October 2021
8	Chess tournament	Kudremukh trophy All India Open chess tournament held at Mangalore	30 November 2021
9	Chess tournament	First NGI International FIDE rated chess tournament held at Bangalore	20 November 2021
10	Chess tournament	All India FIDE rated rapid chess tournament held at Kundapur	11 December 2021

#### Cultural Activities:

##### In Institution:

Sl. No.	Event	Details	Date(s)
<b>Administration</b>			
1	Fit India Run	KMC, Mangalore organized 'Fit India freedom run 2.0' on 13 August 10 October 2021 at MARENA sports complex, Mangalore. 2021 Fit India Freedom Run was conceived in 2020 when the entire nation started following social distancing as a "new normal" lifestyle. This year a rebooted version of Freedom Run was launched by the Ministry of Youth affairs and sports, on 13 August 2021 as Azadi ka Amrit Mahotsav-Freedom Run 2.0.	
			
2	Swachhata hi Seva Campaign-Slam Poetry	On 15 September 2017, the Prime Minister of India, Narendra Modi, in honour of Mahatma Gandhi, started a campaign to spread awareness and gain involvement in	15 September 2021

Sl. No.	Event	Details	Date(s)
	writing Competition 	Swachhata and Swachh Bharat mission. This year KMC, Mangalore conducted a successful slam poetry competition in the theme's honour, where we invited students from all the batches of MBBS and BDS on the campus to participate and let their creative, poetry writers out.	
3	Essay competition- Azadi Ka Amrut Mahotsav	An essay competition was also launched on the day of 12 March 2021 for MBBS students, in which close to 35 students took part.	12 March 2021
4	World Environment Day, 2021 	On World Environmental Day, 5 June 2021, the UN declared 2021-2030 as the decade of Ecosystem Restoration with the slogan "Reimagine, Recreate, Restore" to prevent, halt and reverse the degradation of the ecosystem. The University Grants Commission came out with 'SATAT'- a Framework for Eco-Friendly and Sustainable Campus Development in Higher Educational Institutions. the frameworks help HEI's to devise their own strategies that focus on efficient use of energy and water; minimizing waste generation and pollution.	5 June 2021
5	National Youth Day	At KMC, Mangalore, the National Youth Day was celebrated with great zeal and enthusiasm; while keeping all the COVID-19 precautions in mind. To make our students aware about the significance of Youth Day, the scheduled classes were made to carry messages and short videos. A Facebook page was dedicated to observing Youth Day and was used as a portal to share students' and faculty's thoughts and messages.	12 January 2021

### Photo Archive of Important events



Preparation for NAAC Assessment Guest lecture was held on 23 March 2021 resource person for the GL was Dr Harsha Halahalli, MD, PhD, Director - Curriculum Development, NITTE (Deemed to be University)

## Manipal College of Pharmaceutical Sciences

Address: Manipal 576 104

Phone Number: 0820-2922482

Email-Office: office.mcops@manipal.edu

Principal Email: mallik.rao@manipal.edu



Name of the Principal: **Dr C Mallikarjuna Rao**

Established: **1963**

### Details of Programs offered by the Institution:

- DPharm
- BPharm
- MPharm
- PharmD
- PharmD Post Baccalaureate (PB)
- PhD

### About Institution/School:

Manipal College of Pharmaceutical Sciences (MCOPS) was established in the year 1963 by our founder Dr TMA Pai. MCOPS was ranked first in 2016, among the private pharmacy colleges in India by NIRF released by MHRD, Government

of India. In 2019, the institution secured a place in the range of 201-250 in QS World University rankings. We are in the seventh position according to NIRF in 2019. The institution, "A" accreditation from NAAC, NBA certification for the BPharm program and ISO certifications from ISO 9001:2015, ISO 14001:2015, and ISO 50001:2011 for its academics, research and environmental-related procedures.

Courses: DPharm was introduced in 1963, subsequently BPharm commenced in 1965. Two masters' programs in Pharmaceutical Chemistry and Pharmacology commenced in 1972 and

later all other specializations were introduced. Today MCOPS provides the highest number (12) of masters' specializations. MCOPS was the first among a few colleges, which offered PharmD and PharmD PB in 2008. Since then, the PharmD programs of MCOPS became popular, both nationally and internationally. The first Doctoral Program (PhD) in Pharmaceutical Sciences commenced in 1979.

Events: MCOPS has the unique distinction of playing host to the Indian Pharmaceutical Congress for a record three times- 23rd (1972), 42nd (1990) and 62nd (2010). Seminars, Workshops, Symposiums and Conferences keep the college in a beehive of activities throughout the year. The college is AICTE recognized Centre for conducting QIPs. MCOPS has been successful in securing grants from AICTE, DST, DBT etc for conducting Faculty Development Programs (FDP) and Short Term Training Programs (STTP).

Novelty: In terms of internationalization, this is a first-of-its-kind for MCOPS, wherein the college has received full membership in the MCOPS student council i.e., MAHE Association for Pharmacy Students (MAPS) in International Pharmacy Student Federation (IPSF). Patents have been granted or published for distinct products in the area of nano-therapeutics and novel drug delivery systems.

Academic Excellence: With a strength of 69 teaching faculty, we proudly boast of a student

ratio of 1:12. Over 90 per cent of our teaching staff are PhD qualified. MCOPS is equipped with state-of-the-art laboratories and classrooms for various disciplines.

Research: MCOPS has the finest and most advanced state-of-the-art infrastructure with sophisticated instrumentation. Over 120 full-time PhD scholars are pursuing their PhD of which 50 per cent are sponsored by DST, DST-INSPIRE, DBT, SERB, BIRAC, AICTE-NDF, AICTE-QIP, CSIR, ICMR, etc. Thirty plus part-time PhD students are enrolled through Work Integrated Learning (WIL) program at pharma majors such as DRILS, Lupin Research Park, Novartis Healthcare Ltd, Himalaya Drug Company, Suvem Life Sciences, etc. A record 150 research papers are published every year with an h-index of 65 for the college.

Placement and Alumni: MCOPS has a Placement Cell that facilitates campus recruitment by pharma companies. MCOPS graduates and postgraduates have suitably been placed in reputed pharmaceutical companies and academic institutions in India and abroad. Our alumni strength as of today is approximately 7,000. Several endowment awards were instituted for the benefit of meritorious students of MCOPS by the former Directors/Principals, Alumni, Faculty, Pharmaceutical Industry and Philanthropists. The students receive these awards during Annual and Awards Day, organized in the University premises every year.

## Institutional Activities/Curricular Activities

### a. New Initiatives:

Sl. No.	Activity	Particulars	Date(s)
<b>Pharmaceutics</b>			
1	Centre for Current Good Manufacturing Practices	Coordinator: Dr Girish Pai K. Date of Establishment 13 February 2021 Aims: To work towards mitigating lapses right from academic set up and this will definitely bring a positive change in the thinking of a fresher joining a regulated company and help to work with	13 February 2021



commitment from day one until the end of their entire professional career adding value to product quality and patient safety.

### Pharmacy Practice



1	Centre for Pharmaceutical Care	Coordinator: Dr Rajesh V. Date of Establishment: 28 May 2021. Aims: To assist the physicians in the rational use of drugs (effective, safe, and economical) and apprehend the patient's choice.	28 May 2021
2	Centre for Pharmacometrics	Coordinator: Dr Surulivel Rajan M. Date of Establishment: 23 August 2021. Aims: To establish a Centre to conduct national and global level collaborative research on pharmacometrics and to prepare manpower to serve in direct patient care as well as in drug development programs of pharmaceutical industries.	23 August 2021

### All other activities in the department relating to the program/course

Sl. No.	Activity	Particulars	Date(s)
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### Administration

1	National Youth Day	National Youth Day is celebrated on 12 January 2021 to honour the birthday of Swami Vivekananda, one of India's greatest spiritual and social leaders. Swami Vivekananda personified the eternal energy of the youth so that they could bring about social change. National Youth Day is important to inspire young minds and remember the invaluable contribution of Swami Vivekananda. The motive is to propagate the philosophy and ideals of Swami Vivekananda for which he lived and worked. Swami Vivekananda stands as a role model for generations in various respects. MAPS celebrated National Youth Day to commemorate the philosopher, social reformer and thinker. An essay writing competition was organized for the students on the topic "Channelizing Youth Power for Nation Building". The word limit for the essay was 500 words and students were given two days to submit their essays. Students actively	12 January 2021
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Sl. No.	Activity	Particulars	Date(s)
		participated in the essay writing despite exam schedules and over eight students submitted their writings. The student council decided to celebrate this auspicious day by spreading the ideas and inspirational words of the great leader. All the members of the MAPS student council put up stories on their social media accounts to ignite and create awareness to make a better future for the country. We were successful in delivering knowledge and literature to the students to build good characters and true citizens of the Nation.	
2	World Cancer Day 	On account of World Cancer Day, the Community Development Committee, MAPS organized a guest talk and a two-day blood donation drive. The guest talk was held on 4 February 2021. The theme for the talk was "Cancer Awareness and the Importance of Blood Transfusion". The following speakers were invited: Dr Karthik S Udupa, Dr Naveen Salins, Dr Shamee Shastry, and Dr Mahadev Rao. Around 80 attendees were present for the talk.	4 February 2021
3	Blood Donation Camp 	From 5 to 6 February 2021, the blood donation was conducted at the KMC Blood Bank. Around 69 volunteers registered for the blood donation drive, of which 52 were able to donate. The donors received a certificate and badge from the Blood Bank.	5 February 2021 to 6 February 2021
4	Celebration of India's 75 years of Independence - Azadi Ka Amrut Mahotsav	MCOPS, Manipal organised a webinar entitled "India's Freedom Struggle". The event was held on 12 March 2021. Professor Varadesh Hiregange, Director, Gandhian Centre for Philosophical Arts and Sciences, was the resource person. Professor Hiregange spoke about the role played by various freedom fighters during the early stages of freedom fighting. He also spoke about the approaches adopted by Mahatma Gandhi for achieving freedom. Professor Hiregange dealt in detail about the non-violent approach, Dandi March, Quit India Movement, and Gandhiji's vision of the post-independence era. The event was attended by faculty members, research scholars and students of MCOPS.	12 March 2021
5	Two-day orientation program for	The orientation program for the DPharm, BPharm, MPharm, PharmD, and PharmD Post	12 October 2021 to 13 October 2021

Sl. No.	Activity	Particulars	Date(s)
	undergraduates and Postgraduates	Baccalaureate was conducted on 12 October 2021	

### Pharmacy Practice

1	World Pharmacists Day (WPD): ANTIOBIOTIKO'-21	The Department of Pharmacy Practice, MCOPS, observed World Pharmacists Day with the 2nd edition of ANTIOBIOTIKO'-21 on 25 September 2021. It is an event that focuses on educating young healthcare professionals about the judicious and safe use of antibiotics for effective treatment, thus ensuring optimal patient care. This year's theme is "Pharmacy: Always Trusted For Your Health". The newly formed students' club of the department "Pharmacy Literacy Club" organized the event. Canara Bank, G Shankar Family Trust, and Rotaract, Manipal sponsored the program. Dr Mahadev Rao, Professor and Head, was the Guest of Honour of the event, while Dr Kavitha Saravu, Professor and Head of Department of Infectious Diseases, KMC, Manipal, was the Chief Guest. Dr Rao inaugurated ANTIBIOTIKO'-21, and Mr Liston Augustine D'Souza, PharmD student briefed the event and its history-ANTIBIOTIKO'-18. The students' representatives and alumni inaugurated the Pharmacy Literacy Club along with the club's faculty coordinator Dr Sonal Sekhar M. He briefed about the club and its activities and introduced its members. Department alumni-Dr Sonu Samuel Vaidyan (Pharm D batch 2017) and Ms Tess Emmanuel (MPharm batch 2019), who are currently working as Hospital Pharmacists in KMC, Manipal, were felicitated on the occasion of the WPD. Dr Subeesh Vishwam, a newly appointed faculty was welcomed at the event. Exciting activities like graphical e-Poster presentation, quiz, comic strip designing, and patient counselling skit were conducted. The event's final session was a brainstorming guest talk by Dr Saravu on the importance of clinical pharmacists in tackling antibiotic misuse and resistance. She inspired the students by providing her insights on the same and added information on a clinical pharmacist's opportunities. She congratulated the Department's staff and students for their	25 September 2021
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Sl. No.	Activity	Particulars	Date(s)
2	World Diabetes Day	<p>contributions and collaborations with the Department of Infectious Diseases, KMC. Dr Suruliivel Rajan delivered the vote of thanks. The active involvement of the student organizing members made the event successful. More than 100 students, research scholars, and department faculty attended the program via both offline and online mode (MST) by adhering to the COVID-19 protocol.</p> <p>Enhance the learning experience and support students in their academics as well as extra-academics, on the occasion of World Diabetes Day on 14 November 2021, the Pharmacy Literacy Club (PLC), Department of Pharmacy Practice, MCOPS organizes a guest talk on "A century of Insulin: The Grim Reality in Availability, Accessibility and Affordability" by Dr M K Unnikrishnan, Professor, NGSM Institute of Pharmaceutical Sciences, NITTE, Mangalore on 13 November 2021. Pharmacy Literacy Club (PLC), Department of Pharmacy Practice, MCOPS is a students' initiative to provide a platform for capacity building in the best clinical pharmacy practices, research and public health pharmacy services.</p>	13 November 2021
4	World Antimicrobial Awareness Week	<p>Antibiotic Pharmacy Literacy Club (PLC), Department of Pharmacy Practice, MCOPS in association with Department of Infectious Diseases, Kasturba Medical College and Hospital (KMC and KH), Manipal and Manipal Center for Infectious Diseases, PSHP, MAHE, conducted a week-long Antimicrobial Awareness program from 18 to 24 November 2021. This year's awareness theme was "Spread Awareness and Stop Resistance" as issued by the World Health Organization. The blue colour was the chosen to represent the need for awareness, and the entire campus was lit in the same to spread the word. Department of Pharmacy Practice, MCOPS was a co-organizer for the International Conference on Combating Antimicrobial Resistance organized by the Department of Infectious Diseases, KMC and KH, Manipal. An inaugural function kickstarted on 18 November 2021, whereby all the faculty members from various departments partaking in the program were introduced, along with the role they were to play in the</p>	18 November 2021 to 24 November 2021

Sl. No.	Activity	Particulars	Date(s)
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following days. Dr Kavita Saravu, Professor and Head, Department of Infectious Diseases, KMC, spoke a few words of encouragement and briefly summarized the various events to look forward to the week. On occasion, the PLC conducted a series of competitions such as Debate, Slogan writing, and Patient counselling skit on 20 November 2021 at the Department of Pharmacy Practice, MCOPS. Mr Swapnil Raj and Ms Fatimazahra Moledina, PharmD students won first place in the Debate. Ms Lavanya Swaminathan and Ms Anagha Ramamurthy, PharmD students became runners-up. The winners of the patient counselling event were Ms Lavanya and Ms Meera (PharmD-Interns), while the runners-up were Mr Parth Gandhi and Ms Suhita R (PharmD-Interns). For slogan writing, the winners were Ms Suhita R and Mr Parth Gandhi (PharmD-Interns). Dr Surlivel Rajan, faculty of Pharmacy Practice, and Dr Asif, an alumnus of MCOPS, judged the Debate. PLC hosted a week-long community outreach program in various schools, community pharmacies, and slums in and around Manipal. Five schools (Madhav Kripa English Nursery and Higher Primary School; B M English Medium Higher Primary School, Parkala; Kadekar Anganwadi Kendra, Parkala; Indrali English Medium School, Indrali; and Akshara Academy Primary School, Manipal) in and around Manipal were visited during the occasion. The school visits aimed to spread awareness of the growing antimicrobial resistance looming in our near future and enlighten kids on the judicious use of antibiotics. Since they are society's future, how the world shapes will ultimately depend on their actions and habits. The PLC volunteers took the initiative to teach the kids these complicated subjects by not the usual classroom method, instead of distributing various pamphlets and posters with crosswords and puzzles related to antimicrobial use. The kids had a lot of fun and interestedly asked inquisitive questions that impressed the educators. As part of COVID-19 awareness, kids were taught handwashing and hygiene practices. PLC members along with VSO volunteers visited a nearby slum named

Sl. No.	Activity	Particulars	Date(s)
		<p>Bijapur and distributed masks, sanitisers, and sanitary napkins. The inhabitants were counselled on appropriate hygiene practices and the proper use of masks and sanitisers. Women were counselled on the importance of proper menstrual hygiene practices and proper usage and disposal of sanitary napkins. PLC committee and its volunteers also visited various community pharmacies and educated pharmacies in Manipal (Radha Medicals, Manipal Drug House, Apollo Pharmacy, Sudha Medicals, Vijaya medicals, New Medicals, Manipal Medical Centre, and Thakur Medical Store) about the right way to dispense antibiotics as well as the DO's and DON'T's associated with antibiotic use. Pamphlets on good dispensing practices (designed by PLC members- Mr Thomas George and Ms Aieshiel Serafin Johnson) were handed over to the chief pharmacist at every. The seven-day event came to an end with the valedictory function hosted at the Department of Pharmacy Practice on 25 November 2021. The guest of honour was Dr Muralidhar Varma, Chairman, Hospital Infection Control Committee and Associate Professor, Department of Infectious Diseases, KMC and KH, Manipal. During his keynote address, he emphasized the importance of preventive medicine and the role of pharmacists in it. He also mentioned how every small step counts towards solving the massive problem of the antibiotic crisis. All the prize winners of the various competitions were awarded the prize money, and judges were felicitated during the valedictory. The function ended with Dr Sonal Sekhar M, staff coordinator, PLC, and Ms Raashida Farheen, Secretary, PLC proposing the vote of thanks and subsequently unveiling the upcoming newsletter named DigiDose – the quarterly dispense by the PLC for documenting the events, programs, and educating students and healthcare professionals. Radha Medicals, Manipal Center for Infectious Diseases, MAHE and Muscle infotech supported the event with sponsorship.</p>	

## Details of Guest Visit (lectures, collaboration, visitors on campus)

### Guest Lectures:

Sl. No.	Visitor	Name of the Organization	Purpose of Visit	Date of Visit
<b>Pharmaceutical Biotechnology</b>				
1	Dr Mukesh Pasupuleti 	Principal Scientist, CSIR-Central Drug Research Institute, Sitapur, Lucknow	Department of Pharmaceutical Biotechnology, MCOPS organized a webinar on "Biopharmaceutical Drug Innovation: Opportunities and Challenges" on 23 October 2021. Dr Mukesh Pasupuleti, Principal Scientist, CSIR-Central Drug Research Institute, Sitapur, Lucknow served as the resource person. The webinar was conducted via MS Teams. The speaker elaborated on the position of Biotherapeutics or biologics in the area of drug discovery and disease management. His research team focuses on the discovery and development of Cationic host defence peptides (HDPs) as anti-infective agents. He narrated their 18 years of experience with Biotherapeutics which provided a thorough insight into drug discovery and innovation. The webinar thoroughly benefitted the faculty members, Research Scholars and PG students of the host department as well as others. Over 35 participants attended the session and interacted with the speaker. Dr Mukesh motivated the researchers to take up the research in the field of antimicrobial drug resistance and clarified the doubts raised by researchers and students.	23 October 2021
<b>Pharmaceutical Chemistry</b>				
1	Dr Mukesh M Mudgal 	Florida International University	Guest Lecture - Department of Pharmaceutical Chemistry, MCOPS organized a guest lecture on 17 April 2021 via MS Teams. Dr Mukesh M Mudgal, Florida International University, was the resource person. He delivered a lecture titled "Insights into the Inhibition of Ribonucleotide Reductase by 2'-Chloro-2'-	17 April 2021

Sl. No.	Visitor	Name of the Organization	Purpose of Visit	Date of Visit
2	Mrs Harita Vasireddi 	Managing Director, Vimta Labs. Ltd., Hyderabad	<p>Deoxynucleotides: Biomimetic Studies". Dr Mudgal worked in this area during his PhD days. He shared his experience in the synthesis of small organic molecules using various methods, which would help the department, PG students and research scholars. His lecture comprised an introduction to ribonucleotide reductases (RNRs) and their importance. He explained the vital role played by RNR in DNA biosynthesis and its control on cell growth making it one of the main targets for anticancer therapy. Dr Mudgal concluded by projecting a virtual tour of his lab at Florida University. PG Students, Research Scholars and faculty members participated in large numbers and were benefitted from his lecture.</p> <p>Department of Pharmaceutical Chemistry organized a guest lecture on 31 December 2021 online. Mrs Harita Vasireddi, Managing Director, Vimta Labs Ltd, Hyderabad was invited to give the guest lecture entitled "Regulations and Guidelines for the Analysis of Pharma, Biotech, Cosmetics and Food products". Mrs Harita has been in the position of MD since 2015 and has a great experience in this area and wanted to share her experience with PG students and Research Scholars. She discussed the various regulating agencies and guidelines that control the export and analysis of pharma, biotech, cosmetics and food products. She took each of these products and discussed the individual regulations and guidelines involved in their analysis respectively. She then took us on a virtual tour of the Vimta Labs campus and the facilities they have for the analysis. Around 42 participants attended the talk which</p>	31 December 2021



Sl. No.	Visitor	Name of the Organization	Purpose of Visit	Date of Visit
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included the PG Students, Research Scholars and faculty members of the department who were benefited from her lecture.

#### Pharmaceutics

1	Dr Vijay Kulkarni	General Manager- Business Development and Collaboration, Steer Life India Pvt Ltd, Bengaluru	Dr Vijay Kulkarni, General Manager-Business Development and Collaboration, Steer Life India Pvt Ltd, Bengaluru, delivered a guest lecture on the topic "Recent Advances in Hot Melt Extrusion (HME)" on 29 December 2021 virtually. The event was organized by the Department of Pharmaceutics and the Centre for Drug Delivery Technologies, MCOPS, Manipal. Dr Kulkarni gave an insight into the HME and its benefits, as well as its application as green technology in resolving oral bioavailability problems of poorly water-soluble drugs. Additionally, he also discussed the current products available in the market using HME and explained case studies regarding solubility enhancement. He gave an overview of twin-screw granulation with its advantages.	29 December 2021
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#### Pharmacognosy

1	Dr Deepak Mundkinajeddu	Head-R&D and Human Health Division, Natural Remedies Pvt Ltd, Bengaluru	Guest Lecture - Department of Pharmacognosy organized a webinar through MS Teams on 19 February 2021. Dr Deepak Mundkinajeddu, Head-R&D and Human Health Division, Natural Remedies Pvt Ltd, Bengaluru was the Resource Person for the same. The theme for the webinar was "Industry Perspectives on Quality of Botanicals in the Global Regulatory Context". Dr Deepak is an eminent scientist and phytochemistry, who deliberated on how the quality of the botanicals/raw materials affect the quality of the drugs in industry perspective. He also stressed how the substituents and adulterants will affect the quality of the drugs and	19 February 2021
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Sl. No.	Visitor	Name of the Organization	Purpose of Visit	Date of Visit
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how to overcome the problems for the same, in his lecture with various examples, he explained how to set standards for the botanicals of various species of the same genus plant. Dr Deepak also narrated how the geographical variation will affect the production of secondary metabolites of therapeutic importance in the plant, which is to be considered while selecting the raw materials for the production of the herbal dosage form. In the last part of his lecture, he explained the regulatory norms to be followed by the manufacturer while producing the dosage forms as per the guidelines, to maintain the quality and efficacy of the herbal drugs. The lecture was very informative and well appreciated by the participants, after the lecture Dr Deepak interacted with participants and answered all the queries raised by them. The lecture was attended by more than 50 participants.

2 Mr Hari Thej Chowdary Suryadevara



Director, Dr Herb Health Mark Pvt Ltd Hyderabad

Department of Pharmacognosy has organized a guest lecture through MS Teams, on 20 December 2021. Mr Hari Thej Chowdary Suryadevara, Director, Dr Herb Health Mark Pvt Ltd Hyderabad, was the Resource Person for the same. The theme selected for the webinar was "Setting up Herbal industry in India". Though an Engineer, Mr Thej possesses a keen interest in Herbal medicine and has set up his own industry, Dr Herb Health Mark Pvt Ltd in Hyderabad. During the lecture, he deliberated on his industry and herbal products that are being manufactured and marketed and also about his collaborations with other industries. During the course, he stressed the importance of herbs and their preparation for treating various ailments. Mr Hari Thej

20 December 2021

Sl. No.	Visitor	Name of the Organization	Purpose of Visit	Date of Visit
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systematically explained to participants how to set up a herbal industry, its regulatory norms and how to obtain subsidies by registering the industry under the MSME scheme of the Central Government of India. Overall, his talk was very informative and encouraging to the participants who have a keen interest in setting up their own herbal industry or handling crude drugs. The lecture was well appreciated by the participants, after the lecture the speaker interacted with the participants and answered all the queries raised by them. The lecture was attended by more than 50 participants.

### Pharmacology

1	Dr Someswara Rao 	Senior General Manager, Axis Clinicals LLC	Dr Someswara Rao, Senior General Manager, Axis Clinicals LLC, delivered a talk on "An overview of bioequivalence" on 28 August 2021 via MS Teams. Dr Rao spoke on the nuances of selecting pharmacokinetics (PK) models, crucial in BE studies. He emphasized the application of truncation for dosage forms having long half-lives. Extensive information delving into BE studies conducted adhering to various guidelines was the highlight of the lecture. The three-hour lecture was overwhelmingly appreciated and immensely benefitted 80+ participants. The online audience comprised faculty members from MCOPS and other organizations; in-house Research Scholars and postgraduate students.	28 August 2021
2	Mr Abhishek Ghosh 	Marketing, Production, Clinical Trials, Data Management and Biometrics	Lectures on "Professional and Skill Development" organized by the Department of Pharmacology, MCOPS, Manipal. The two lectures were divided into four sessions and conducted on 18, 19 September and 2 October 2021. The lectures were organized for the benefit of the	19 September 2021


Sl. No.	Visitor	Name of the Organization	Purpose of Visit	Date of Visit
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final year undergraduate and postgraduate students of MCOPS. All sessions were conducted via MS Teams. The resource person invited to deliver the sessions, is an Alumni of MCOPS, Mr Abhishek Ghosh, who did his MPharm in Pharmacology during 2002-2004. Mr Ghosh has more than 16 years of experience in the Pharma industry in the fields of Marketing, Production, Clinical Trials, Data Management and Biometrics. He also completed his masters in Psychology and is currently pursuing doctoral research in the field of career guidance and counselling. Mr Ghosh based his talks on the skill set that will be needed in the future world of work. On 18 September 2021 during session 1, he talked about the Cognitive skills like critical thinking, communication, mental flexibility, planning and ways of working needed to succeed in any career. Session 2 was conducted on 19 September 2021, Self-leadership skills including self-awareness and self-management, entrepreneurship, achievement orientation etc. were covered. During Sessions 3 and 4, on 4 October 2021, Mr Ghosh gave an overview of interpersonal skills like developing relationships, teamwork effectiveness etc., and digital skills like digital literacy, digital ethics, computational and algorithmic thinking etc. The sessions were attended by the graduate and undergraduate students, and the faculty of MCOPS. The lectures were well received and interactive. The speaker engaged with the students and faculty and it helped the students to understand the needs of skill sets required to progress and achieve in their career paths.


Sl. No.	Visitor	Name of the Organization	Purpose of Visit	Date of Visit
3	Dr Devinder Arora 	Senior Lecturer, School of Pharmacy and Medical Sciences, Griffith University, Queensland, Australia	Dr Devinder Arora, Senior Lecturer, School of Pharmacy and Medical Sciences, Griffith University, Queensland, Australia, delivered a guest lecture on "Training in Case-Based Learning", organised by the Department of Pharmacology, MCOPS, Manipal on 18 October 2021. In his lecture, Dr Arora discussed the role and importance of case-based learning and how it can be incorporated along with the regular curriculum of undergraduate and postgraduate programs. The interactive session was attended by the faculty members as well as Research Scholars from various constituent institutes of MAHE. It reflected upon the background as well as the process behind the development of the cases for case-based learning and how students can be engaged for a better learning experience through the same. Dr Arora also shared his personal experiences, challenges and how he overcame them while developing the library of cases. Various faculty members from the Department of Pharmacology also came forward and actively participated in the discussion, which added more value to the session. Dr Jayesh Mudgal, Associate Professor, Department of Pharmacology, MCOPS, Manipal, introduced the speaker and also proposed the vote of thanks.	18 October 2021
4	Mr Phani Krishna Kondamudi 	Senior Clinical Project leader at Cardiovascular European Research Centre, Massy, France	Department of Pharmacology, MCOPS hosted the webinar themed, "Management of Clinical trials during COVID-19" on 30 October 2021 via MS Teams. The speaker Mr Phani Krishna Kondamudi deliberated on the risk and mitigation strategies for clinical studies conducted during COVID-19. Despite the travel restrictions of	30 October 2021

Sl. No.	Visitor	Name of the Organization	Purpose of Visit	Date of Visit
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COVID-19, how they were able to remotely coordinate activities of clinical research across Europe was the crux of his talk. The speaker was highly appreciative of the vaccination program and digitization schemes of India, which is still in its infancy in a few European nations. Mr Kondamudi, who is the Senior Clinical Project leader at Cardiovascular European Research Centre, Massy, France shared his expertise in handling various facets of trials, viz., protocol adherence, missing data and data integrity. He highlighted the challenges faced during the conduct of clinical trials and the measures taken to resolve issues involving patient follow-up and modification of eCRF during deviations. Over 40 participants attended the lecture which comprised faculty members from MCOPS and KMC Mangalore, Research Scholars and postgraduate students of MCOPS.

5	Dr Satya Surbhi 	Assistant Professor, Center for Health System Improvement College of Medicine, The University of Tennessee Health Science Center (UTHSC), Memphis, TN	Dr Satya Surbhi, Assistant Professor, Center for Health System Improvement College of Medicine, UTHSC, Memphis, TN delivered a guest lecture on 11 November 2021 on the topic "Observational Studies and Pragmatic Trials Addressing Medication Non-adherence and Healthcare Utilization among Vulnerable Populations". Dr Surbhi briefed the participants on Medication non-adherence among high-need high-cost patients in the United States. A pilot pragmatic randomized controlled trial to address medication non-adherence was explained which is a part of her current research. Dr Surbhi also emphasized the inclusion and exclusion criteria for the recruitment of patients for various studies and the comparative effectiveness of	11 November 2021
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Sl. No.	Visitor	Name of the Organization	Purpose of Visit	Date of Visit
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6	Dr Subramanian Ganesan 	Director, Clinical Pharmacology and Translational Medicine, Certara Strategic Consulting, Integrated Drug Development, Certara Inc, Munich, Germany	second-line diabetes medications. She also added the impact of the COVID-19 pandemic on essential medication use. Dr Subramanian Ganesan, Director, Clinical Pharmacology and Translational Medicine, Certara Strategic Consulting, Integrated Drug Development, Certara Inc, Munich, Germany, delivered a webinar on the topic "Physiology Based Biopharmaceutics Modelling (PBBM) in Drug Development" on 20 November 2021. The event was organized by the Department of Pharmaceutics, MCOPS, Manipal. Dr Subramanian discussed various biopharmaceutics considerations on oral absorption of drugs. He gave an overview of Physiologically based pharmacokinetic (PBPK) and PBBM models and the clinical pharmacological aspects of these in drug development. The session was followed by interaction with the participants.	20 November 2021
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#### Pharmacy Management

1	Mr Salil Kallianpur 	Founder ARKS Knowledge Consulting Pvt Ltd	Guest Lecture - Three students and alumni of the Department of Pharmacy Management, MCOPS had an interactive webinar with Mr Salil Kallianpur, Founder of ARKS Knowledge Consulting Pvt Ltd and former member of the Board of Directors for GlaxoSmithKline Asia Pvt Ltd, Mumbai on 25 June 2021. Over 35 participants attended this session. During his interaction, Mr Kallianpur highlighted the importance of digital communication in marketing. He explained the nuances of marketing, the evolution of the practices and digitalization undertaken by companies, especially tech giants. He used the corollary of the tech industry to explain the importance of digitalization in the pharmaceutical	25 June 2021
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Sl. No.	Visitor	Name of the Organization	Purpose of Visit	Date of Visit
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			sector, the challenges associated and how to overcome them. Mr Kallianpur emphasized on changing the mindset of consumers, improving user experience and using digital strategy to enhance the brand value. The insightful session helped participants enhance their understanding of the use of digital strategy in pharmaceutical marketing.	
2		Dr Amit Patel Partner, MME LLP, US and Adjunct Faculty, Department of Pharmacy Management	<p>Guest Lecture - Students and alumni of the Department of Pharmacy Management, MCOPS, and ISPOR Manipal Student Chapter organized an interactive lecture with Dr Amit Patel, Partner, MME LLP, US and Adjunct Faculty, Department of Pharmacy Management on 22 July 2021. About 55 participants were present for the session. During his interaction, Dr Patel gave an overview of the US healthcare market, the payer perspective and role of third-party payers, and the pricing and access to pharmaceuticals highlighting the role of government and private payers, insurance companies, payment mechanisms for prescription medications and how Center for Medicare &amp; Medicaid Services (CMS) plays an important role in the access to healthcare. Dr Patel also explained the tiered pricing system and co-pay mechanisms as well as out of pocket expenditure in accessing pharmaceutical products in the US market. Dr Patel lucidly and succinctly gave an overview of the US healthcare system. He also addressed the questions and queries from the participants during the session.</p>	22 July 2021



Sl. No.	Visitor	Name of the Organization	Purpose of Visit	Date of Visit
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Pharmacy Practice

1	Professor Dr M K Unnikrishnan, 	Former Professor and Head of Department of Pharmacy Practice, MCOPS and Former Director, National College of Pharmacy, Kozhikode	Guest Lecture - Department of Pharmaceutical Quality Assurance, MCOPS, Manipal organized a guest lecture on "Early beginnings in pharmaceutical regulations" for the benefit of postgraduate students through the Microsoft Team Platform. The resource person of the guest lecture was Professor Dr M K Unnikrishnan, Former Professor and Head of Department of Pharmacy Practice, MCOPS and Former Director, National College of Pharmacy, Kozhikode. Dr Unnikrishnan, explained the brief history of regulations, their origin and the compulsions that led to the revolutions in regulations. The participant crowd comprised of postgraduate students and faculty members. The lecture helped students to know clearly about the early beginnings of pharma regulations and was accomplished in two sessions. The sessions were conducted from 11 to 13 August 2021.	11 August 2021 to 13 August 2021
2	Mr Deepak Kini 	Community Pharmacist, Hillcrest Pharmacy and Compounding, Baltimore, Maryland, United States	Mr Deepak Kini, Community Pharmacist, Hillcrest Pharmacy and Compounding, Baltimore, Maryland, United States, delivered a guest talk on "Impact of COVID-19 on Pharmacy in the US" on 29 September 2021. He is an entrepreneurial pharmacist providing custom solutions to the community of Frederick. Mr Kini pursued his BPharm and MPharm during 1990-96 at MCOPS, Manipal. Mr Kini during the talk said, "Pharmacists play a tremendous role, including vaccination during the ongoing pandemic in the US". The event was organized by the Pharmacy Literacy Club, Department of Pharmacy Practice, MCOPS to enhance the	29 September 2021

Sl. No.	Visitor	Name of the Organization	Purpose of Visit	Date of Visit
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learning experience and support students in their academics and extra-curricular activities. PLC is a students' initiative to provide a platform for capacity building in the best clinical pharmacy practices, research and public health pharmacy services.

#### Details of Publications:

National		International	
Indexed	Non - Indexed	Indexed	Non - Indexed
41	0	192	0

#### Conferences attended by Institution faculty and students:

Faculty		Student	
National	International	National	International
15	2	3	0

#### Details of Conferences/Workshops conducted by the Institution:

Particulars	National	International
Conference	0	3
Workshop	5	0
Other	7	0

#### Books/chapters authored by faculty members:

Sl. No.	Name of the Book	Chapter(s) name (if authored, chapters only)	Faculty members	Publisher	Date
<b>Pharmaceutics</b>					
1	Emerging Technologies for Nanoparticle Manufacturing	Salting Out and Ionic Gelation Manufacturing Techniques for Nanoparticles	Dr Lalit Kumar	-	31 December 2021
2	Emerging Technologies for Nanoparticle Manufacturing	Ultrasound Activated Nanoparticles	Dr Lalit Kumar	-	31 December 2021
3	Nano-Pharmacokinetics and Theranostics- Advancing Cancer Therapy	Engineered nanomaterials and pharmacokinetics	Dr Lalit Kumar	-	31 December 2021

Sl. No.	Name of the Book	Chapter(s) name (if authored, chapters only)	Faculty members	Publisher	Date
4	Emerging Technologies for Nanoparticle Manufacturing	Microfluidics Technology for Nanoparticles and Equipment	Dr Lalit Kumar	-	31 December 2021
5	Nutraceuticals for Aging and Anti-Aging	Molecular mechanisms to understand ageing, immune function and nutraceutical interventions	Dr Lalit Kumar	-	31 December 2021



### Pharmacology

11	Nano-Pharmacokinetics and Theranostics-Advancing Cancer Therapy	Clinical protocols for nanopharmacokinetics assessment	Dr K Sreedhara Ranganath Pai	-	31 December 2021
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### Pharmacy Practice

1	Antioxidants and Functional Foods for Neurodegenerative Disorders	Role of Vitamin D and antioxidants in the prevention and treatment of Alzheimer's disease	Dr Sonal Sekhar M & Dr Mahadev Rao	-	31 December 2021
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### Details of Research Grants:

Sl. No.	Project Name	Principal Investigator	Funding Agencies	Total Grants Received (INR)	Date(s)
<b>Administration</b>					
1	Evaluation of Glycosmis Pentapylla (Retz) DC for histone Deacetylase Inhibition	Dr Mallikarjuna Rao	AICTE, New Delhi	97,248.00	1 January 2021 to 31 December 2021
2	Development of multifunctional engineered	Dr Srinivas Mutalik	DST, New Delhi	6,80,413.00	1 January 2021 to 31 December 2021

Sl. No.	Project Name	Principal Investigator	Funding Agencies	Total Grants Received (INR)	Date(s)
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nanocarrier  
delivery systems  
for oral  
administration of  
follicle-  
stimulating  
hormone



### Pharma Quality Assurance

1	Analysis of Mangiferin, Beta Carotene, Asiatic Acid and Curcumin in Mulmina Mango	Dr Krishnamurthy Bhat	Jagdale Industries Pvt Ltd	7,54,020.00	1 January 2021 to 31 December 2021
2	Assessment of MULMINA Amla Orange and the possible synergistic effect of its individual constituents by oxygen radical absorbance capacity (ORAC) assay	Dr K Nandakumar	Jagdale Industries Pvt Ltd	1,17,292.00	1 January 2021 to 31 December 2021



### Pharmaceutical Biotechnology

1	Comparison of Permeability across Human Intestinal Epithelial (CaCO <sub>2</sub> ) Cells between Formulations of Ursodeoxycholic acid with or without Beta-cyclodextrin	Dr Raghu Chandrashekar H	Fourrts Laboratories Pvt Ltd	1,02,093.60	1 January 2021 to 31 December 2021
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Sl. No.	Project Name	Principal Investigator	Funding Agencies	Total Grants Received (INR)	Date(s)
2	Development and evaluation of hybrid pharmacophores for addressing biofilm-based bacterial infections	Dr Jesil Aranjani	AICTE, New Delhi	16,53,254.00	1 January 2021 to 31 December 2021
3	Inspire Fellowship under INSPIRE Program-for students pursuing full-time doctoral (PhD) Program at MAHE	Ms Beena Thazhackavayal Baby Under Guide Dr Jesil Mathew A	Inspire Fellowship under INSPIRE Program	4,21,644.00	1 January 2021 to 31 December 2021
4	Inspire Fellowship under INSPIRE Program-for Students pursuing full-time doctoral (PhD) program at MAHE	Ms Beena Thazhackavayal Baby Under Guide Dr Jesil Mathew A	Inspire Fellowship under INSPIRE Program	4,21,644.00	1 January 2021 to 31 December 2021



### Pharmaceutical Chemistry

1	Design and evaluation of novel heterocyclic compounds for human cervical cancer	Dr Suvarna G Kini	DBT, New Delhi	9,03,764.00	1 January 2021 to 31 December 2021
2	A combined approach of structure-based drug design and drug repurposing strategy for the discovery of small molecules as inhibitors of Mycobacterium tuberculosis mmp13 (Mycobacterial	Dr Gautham Shenoy	AICTE, New Delhi	15,45,098.00	1 January 2021 to 31 December 2021

Sl. No.	Project Name	Principal Investigator	Funding Agencies	Total Grants Received (INR)	Date(s)
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membrane protein Large 3)



### Pharmaceutics

1	Formulation and evaluation of orotransmucosal film strips containing felodipine nanoparticles to enhance the oral bioavailability	Dr Lalit Kumar	AICTE, New Delhi	6,75,980.00	1 January 2021 to 31 December 2021
2	Drug-Eluting Nanowafers as a Treatment Modality for Ocular Inflammation	Dr Shaila Angela Lewis	DBT, New Delhi	5,82,901.00	1 January 2021 to 31 December 2021
3	Development of novel transdermal and transpapillary drug delivery systems for breast cancer therapy	Dr Usha Y Nayak	SERB, New Delhi	7,00,000.00	1 January 2021 to 31 December 2021
4	Scale-up production and validation of nanostructured lipid carriers loaded with asenapine maleate	Dr Srinivas Mutalik	BIRAC, New Delhi	3,58,400.00	1 January 2021 to 31 December 2021
5	Development of multifunctional engineered nanocarrier delivery systems for oral administration of follicle-	Dr Srinivas Mutalik	DST, New Delhi	3,00,000.00	1 January 2021 to 31 December 2021

Sl. No.	Project Name	Principal Investigator	Funding Agencies	Total Grants Received (INR)	Date(s)
6	stimulating hormone Development of novel transdermal and transpapillary drug delivery systems for breast cancer therapy	Dr Usha Y Nayak	SERB, New Delhi	7,00,000.00	1 January 2021 to 31 December 2021
7	Development and evaluation of Hair Care Production	Dr Srinivas Mutalik	Stempeutics Research Pvt Ltd, Bangalore	3,74,060.00	1 January 2021 to 31 December 2021
8	Inspire fellowship pursuing full time doctoral (PhD) program	Ms Sadhana Mutalik, Guide Dr Srinivas Mutalik	DST Inspire fellowship pursuing full time doctoral (PhD) program, DST, New Delhi	4,18,342.00	1 January 2021 to 31 December 2021
9	DST Inspire Fellowship, Inspire Code: IF180208	Ms Santhoshi P Naik, Guide Dr Srinivas Mutalik	DST Inspire Fellowship to Ms Santhoshi Premanand Naik, Inspire Code: IF180208	4,25,684.00	1 January 2021 to 31 December 2021
10	Development of multifunctional engineered nanocarrier delivery systems for oral administration of follicle-stimulating hormone	Dr Srinivas Mutalik	DST, New Delhi	6,80,413.00	1 January 2021 to 31 December 2021
11	Drug-Eluting Nanowafers as a Treatment Modality for Ocular Inflammation	Dr Shaila Angela Lewis	DBT, New Delhi	5,82,901.00	1 January 2021 to 31 December 2021
12	Development of Arteether Long Acting Depot Injection	Dr Srinivas Mutalik	Themis Medicare Ltd	3,44,560.00	1 January 2021 to 31 December 2021



Sl. No.	Project Name	Principal Investigator	Funding Agencies	Total Grants Received (INR)	Date(s)
<b>Pharmacology</b>					
1	Evaluation of Toxicity, Hepatoprotection and anti-obesity effects of finished formulations of Umalaxmi Organics Pvt Ltd	Dr Nitesh Kumar	Umalaxmi Organics Pvt Ltd	3,53,815.92	1 January 2021 to 31 December 2021
2	Evaluation of Toxicity, Hepatoprotection and anti-obesity effects of finished formulations of Umalaxmi Organics Pvt Ltd	Dr Nitesh Kumar	Umalaxmi Organics Pvt Ltd	3,53,815.92	1 January 2021 to 31 December 2021
3	Evaluation of Toxicity, Hepatoprotection and anti-obesity effects of finished formulations of Umalaxmi Organics Pvt Ltd	Dr Nitesh Kumar	Umalaxmi Organics Pvt Ltd	2,35,877.28	1 January 2021 to 31 December 2021
4	Evaluation of Safety and Efficacy of doxorubicin-derived formulation in mammary carcinoma model	Dr Nitesh Kumar	Ms Nidhi Jain Singhai, Rajiv Gandhi Proudयोगiki Vishwavidyalaya, Bhopal	60,500.00	1 January 2021 to 31 December 2021
5	Determination of total antioxidant capacity of MULMINA TM in normal and stress-induced mice	Dr Nandakumar	Jagdale Industries Pvt Ltd	1,26,118.40	1 January 2021 to 31 December 2021
6	Strategy to combat statins induced diabetes and its complication	Dr K Nandakumar	SERB, New Delhi	6,00,000.00	1 January 2021 to 31 December 2021





Sl. No.	Project Name	Principal Investigator	Funding Agencies	Total Grants Received (INR)	Date(s)
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### Pharmacy Management

1	Life Cycle Management (LCM) Optimization Project	Dr Manthan D Janodia	Novartis Healthcare Pvt Ltd	1,18,000.00	1 January 2021 to 31 December 2021
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### Pharmacy Practice



1	Consulting services provided	Dr Surulivel Rajan	Vantage Research Pvt Ltd	85,550.00	1 January 2021 to 31 December 2021
2	Purse Full-time Doctoral (PhD) Program under the AORC scheme of the Inspire Program of the DST, New Delhi	Ms Gayatri Baburaj Guide Dr Mahadev Rao	DST, New Delhi	4,39,788.00	1 January 2021 to 31 December 2021
3	Cost-effectiveness of Tapentadol in Palliative Oncology Patients in India	Dr Rajesh Vilakkathala	ICMR, New Delhi	2,19,782.00	1 January 2021 to 31 December 2021
4	Development and implementation of mobile application as a teaching tool to enhance the practice of Evidence-Based Medicine (EBM)	Dr Girish Thunga	ICMR, New Delhi	4,73,600.00	1 January 2021 to 31 December 2021



## Awards/Recognitions:

Institution (including 'The Best Teacher Award' for the year)

Sl. No.	Name	Details	Date
<b>Administration</b>			
1	Ms Nikita Baldewa, Ms Akanksha and Ms Shreya Jain	Ms Nikita Baldewa, Ms Akanksha and Ms Shreya Jain, third-year PharmD students won first prize, Ms Lavanya Swaminathan, Ms Rashmi Shetty and Ms Fatimazahra Moledina, fourth-year PharmD students won second prize and Ms Natasha Nayak, V PharmD student won third prize for the e-Poster competition. While Mr Shrey Seth, V PharmD student won first prize for essay writing. The program was conducted by the Adverse Drug Reaction Monitoring Centre, Department of Pharmacology, KMC Manipal. The department organized the competition in association with the National Coordination Centre for Pharmacovigilance Program of India (NCC-PvPI) on the occasion of Pharmacovigilance Week Celebration with the theme "Pharmacovigilance: A Step Towards Patients Safety" from 17 to 23 September 2021.	17 September 2021
2	Ms Maya T	Ms Maya T, PharmD, MCOPS received third prize in an essay writing competition conducted by Saudi Kerala Pharmacists Forum, a professional team for progress and charity. The competition was organized on the occasion of World Pharmacists Day on 25 September 2021.	25 September 2021
3	Ms Rashmi Shetty	Ms Rashmi Shetty, a sixth-year PharmD student received the International Society for Pharmacoepidemiology (ISPE)'s scholarship to attend the 13th Asian Conference on Pharmacoepidemiology (ACPE) held concurrently with the 28th Scientific meeting of the Korean Society for Pharmacoepidemiology and Risk Management. This scholarship covers all registration fees to attend one of the Educational Sessions on 13 October 2021 and the conference itself, from 14 to 15 October 2021.	14 October 2021
4	Mr Yashas M, Ms Shreya G, Ms Arjita N and Ms Anushka B	Mr Yashas M, Ms Shreya G, Ms Arjita N and Ms Anushka B of second-year BPharm students secured third place in the Grand Challenge Competition 2021. Under the mentorship of Dr Alex Joseph, Associate Professor, Department of Pharmaceutical Chemistry, the team explored innovative solutions for dealing with the waste	1 December 2021

Sl. No.	Name	Details	Date
		  <p>generated from fish processing. This competition was conducted by the Manipal-Government of Karnataka Bio incubator to address the various issues as outlined by the UN Sustainable Development Goals. The competition was held on 1 December 2021 and is comprised of two rounds-the ideathon and the hackathon.</p>	
5	Ms Rashmi Shetty	Ms Rashmi Shetty, sixth-year PharmD won third prize in a case study contest titled "Quest to explore scientific writing skills" conducted by the Clinical Reporting team in Novo Nordisk, Global Business Services, Bengaluru on 20 December 2021.	20 December 2021
6	IPSF	The International Pharmaceutical Students' Federation (IPSF) has granted Full Member status to the MCOPS student council-Manipal Association of Pharmacy Students (MAPS) in 2019. A unique honour granted to MCOPS.	31 December 2021
7	NIRF Ranking 2021	MCOPS is ranked as the number eighth pharmacy college in India, by the National Institutional Ranking Framework (NIRF) of the MHRD, New Delhi's - 2021.	31 December 2021
8	QS World University Ranking-Subject Pharmacy and Pharmacology	MCOPS finds a place between 151-200 in QS World University Rankings 2021 for the subject of pharmacy and pharmacology	31 December 2021
<b>Pharma Quality Assurance</b>			
1	Mr Bhim Bahadur Chaudhari	Mr Bhim Bahadur Chaudhari, Research Scholar, Department of Pharmaceutical Quality Assurance received second prize for an oral presentation entitled "Development of a DBS based analytical method for quantification of cefotaxime: Application to a pharmacokinetic evaluation in neonates" during the "SSX 2021" virtual conference held from 14 to 17 July 2021.	14 July 2021
<b>Pharmaceutics</b>			
1	Ms Pinal Chaudhari	Ms Pinal Chaudhari, Research Scholar, Department of Pharmaceutics, presented a poster titled "Drug silica cellulose ternary matrix for the oral delivery of Cyclosporine A" at DRPI 2021 held online on 17 July 2021 and was second runner-up at the zonal level.	17 July 2021
2	Ms Ailette Sai Shreeja,	Ms Alikette Sai Shreeja, Second-year MPharm, Department of Pharmaceutics received a prestigious Award from TATA Educational and	31 December 2021

Sl. No.	Name	Details	Date
		Development Board for her Excellent Academic Credentials in her first year MPharm.	
<b>Pharmacology</b>			
1	Ms Jeena John	Ms Jeena John, Research Scholar, Department of Pharmacology received "Best Oral Presentation Award" for the paper entitled "Neuroprotective effect of mulmina against chemotherapy-induced cognitive decline in a mouse model of mammary carcinoma", at the Indian Pharmaceutical Association Annual Convention, IPAC 2021 which was held virtually from 16 to 17 July 2021 at Ahmedabad	16 July 2021

#### Faculty Members

Sl. No.	Name	Details	Date
<b>Administration</b>			
1	Dr C Mallikarjuna Rao	Dr C Mallikarjuna Rao received the "Dr N Udupa Manipal Award for Pharmacy Teacher of Eminence" from APTI Awards 2021.	31 December 2021
2	Dr Srinivas Mutalik	The award was instituted in 2020 by Dr N Udupa, Director–Research (Health Sciences) MAHE, Award for Researcher of the year was received by Dr Srinivas Mutalik, Professor and Head, Department of Pharmaceutics, MCOPS.	31 December 2021
3	Dr Usha Y Nayak	Dr N Udupa's Awards 2021: Dr N Udupa, former Principal MCOPS and the Director–Research (Health Sciences) MAHE instituted a few professional and research awards for the staff researcher of the years: The award is shared by Dr Usha Y Nayak, Associate Professor–Senior Scale, Department of Pharmaceutics, MCOPS	31 December 2021
4	Dr Lalith Kumar	Dr N Udupa's Awards 2021: Dr N Udupa, former Principal MCOPS and the Director–Research (Health Sciences) MAHE, instituted a few professional and research awards for the staff researcher of the year: The award is shared by Dr Lalith Kumar, Assistant Professor-Selection Grade, Department of Pharmaceutics, MCOPS.	31 December 2021
<b>Pharma Quality Assurance</b>			
1	Mrs Ramya Ravi	Mrs Ramya Ravi, Assistant Professor, Department of Pharmaceutical Quality Assurance, received third prize for poster presentation on the topic "A comparative study on academic-industry technology commercialization among ASEAN nations" at the SPER 10th Annual International Conference and Exhibition (SPER 2021) jointly organized by	8 October 2021

Sl. No.	Name	Details	Date
		Society of Pharmaceutical Education and Research (SPER) and Ganpat University, Mehsana Gujrat held from 8 to 10 October 2021.	
<b>Pharmaceutical Biotechnology</b>			
1	Dr Raghu Chandrashekar H	Dr Raghu Chandrashekar H, Professor and Head, Department of Pharmaceutical Biotechnology, received the Best Teacher Award from the Antiviral Research Society on 1 May 2021.	1 May 2021
2	Mr Venkatesh Kamath B	Mr Venkatesh Kamath B, Assistant Professor-Senior Scale, Department of Pharmaceutical Biotechnology received the Best Poster Award under the category "Recent advances in Pharmacological and clinical studies" at KrupaPharmaCon online conference and workshop on "Drug Development 4.0: Emerging Technologies" organised by Krupanidhi College of Pharmacy, Bengaluru from 2 to 3 July 2021.	2 July 2021
3	Dr Kiran Kumar K	Dr Kiran Kumar K, Assistant Professor, Department of Pharmaceutical Biotechnology, received the First Prize for the scientific e-poster titled "To investigate the possible role of UBL5, ubiquitin-like protein in cancers" at the National e-Conference on Drug Discovery for CNS Disorders held from 6 to 10 December 2021	6 December 2021
<b>Pharmaceutical Chemistry</b>			
1	Dr Ruchi Verma	Dr Ruchi Verma, Assistant Professor-Selection Grade, Department of Pharmaceutical Chemistry received second prize for the poster entitled "Synthesis, evaluation, computational studies of novel compounds as potential antitubercular agents" during the five days of the national conference on the theme "Recent Advancement in Pharmaceutical Sciences" sponsored by Power Finance Corporation, New Delhi at Devasthali Vidyapeeth College of Pharmacy, Rudrapur, Uttarakhand from 18 to 22 June 2021.	18 June 2021
2	Dr Jagadish P C	Dr Jagadish P C, Associate Professor, Department of Pharmaceutical Chemistry for being adjudged for First Runner-Up titled Analytical QbD Assisted Design and Development of Micro Dissolution Experiment for Evaluation of pH-Dependent Interactions of Alecitinab co-authored with K Druga Deepthi, Prajakta Patil, Mrunal Desai at KrupaPharmaCon 2021   3rd Global Online	2 July 2021

Sl. No.	Name	Details	Date
		Conference and workshop on Drug Development 4.0: Emerging Technologies an event organized by Krupanidhi College of Pharmacy, Bengaluru, from 2 to 3 July 2021.	
<b>Pharmaceutics</b>			
1	Dr Usha Y Nayak	Dr Usha Y Nayak, Associate Professor, Department of Pharmaceutics received the third position in "BioPress" for presenting a poster entitled "Glycosylated mesoporous silica nanoparticles loaded with a fluoroquinolone in BIOCREST 2021 in Virtual Symposium conducted by Amrita Vishwa Vidyapeetham, CHARM at University of California San Diego, USA; Bugworks Inc, and C-CAMP during 24 to 26 February 2021.	24 February 2021
2	Dr Anup Naha	Dr Anup Naha, Associate Professor, Department of Pharmaceutics received the first position in Oral Presentation on the topic "Emergence of sports pharmacists to improve athletes' health in a post-COVID era" at the International Convention conducted by Mesco Institute of Pharmacy, Amroha, on Future trades and Opportunities in Pharmaceuticals during post-Covid Era during 25 to 28 June 2021.	25 June 2021
3	Dr Girish Pai K	Dr Girish Pai K, Assistant Professor-Selection Grade, Department of Pharmaceutics, received First Prize in Oral Presentation on the topic "investigation of a critical manufacturing defect present in Pharmaceutical sterile preparation" at the Virtual International Conference on Advances in Pharmaceutical and Health Sciences (APHS-2021), organised by KIET School of Pharmacy and CSIR-Indian Institute of Toxicology Research, Lucknow during 7 to 8 October 2021.	7 October 2021
4	Dr Lalit Kumar	Assistant Professor-Selection Grade, Department of Pharmaceutics, received Young Scientist Award at SPER 10th Annual International Conference and Exhibition (SPER 2021) jointly organized by Society of Pharmaceutical Education and Research (SPER) and Ganpat University, Mehsana Gujrat held from 8 to 10 October 2021	8 October 2021
5	Dr Srinivas Mutalik	Dr Srinivas Mutalik gets recognition as one of the Top 2% Researchers in the World Ranking 2021. Dr Srinivas Mutalik, Professor and Head, Department of Pharmaceutics, is listed as one among the Top 2% Researchers in the World	20 October 2021

Sl. No.	Name	Details	Date
		Ranking 2021. Elsevier in association with Stanford University has created a publicly available database of over 1,00,000 top scientists that provides standardized information on citations, h-index, co-authorship adjusted hm-index, citations to papers in different authorship positions and a composite Dr Srinivas Mutalik is a renowned researcher in the area of Novel and Targeted Drug Delivery. He completed PhD in 2004 from MAHE, Manipal and three years of postdoctoral research at the University of Queensland, Australia. He was a visiting researcher at A-Star Institute, Singapore in 2016. Dr Mutalik has more than 165 publications in reputed journals and has 10 patents to his credit. Dr Mutalik is the recipient of various research grants from funding agencies such as DBT, DST, ICMR, AICTE, SERB, BIRAC, VGST, BRNS and several pharmaceutical companies. He has received several awards like Dr TMA Gold Medal Award, Best Poster/Oral Presentation Awards, Distinguished Alumni Award, APTI Young Pharmacy Teacher Award, VGST Award for Best Research Paper, etc. Dr Mutalik is a supervisor for several PhD and PG students.	
6	Dr Lalit Kumar	Dr Lalit Kumar, Assistant Professor-Selection Grade, Department of Pharmaceutics received second prize in the Grand Challenge 2021 Contest (Idea Hackathon), organized by Manipal- Government of Karnataka Bioincubator and Student Entrepreneurship Cell of Manipal-GoK Bioincubator. The Grand Challenge 2021 consisted of two rounds Ideathon and Hackathon. A total of 13 teams participated in this event held from 17 November to 3 December 2021. He received a cash prize of 10,000 INR.	17 November 2021
7	Dr Lalit Kumar	Dr Lalit Kumar, Assistant Professor-Selection Grade, Department of Pharmaceutics, has won First Prize in e-Oral, entitled "A Novel Formulation to Enhance the Lamotrigine Bioavailability and Drug Concentration in Brain" in DRAVYAKA 2020 the 11th National Level Virtual Conference from 11 to 12 December 2020 on Global Burden of the Disease and Pharmacist's Role" which is organized by Teja Educational Society sponsoring Geetanjali	11 December 2021

Sl. No.	Name	Details	Date
8	Dr Srinivas Mutalik	College of Pharmacy in association with APTI Telangana State Branch. Scires Technologies Pvt Ltd is an entrepreneurship venture by Dr Srinivas Mutalik, Professor and Head, Department of Pharmaceutics, MCOPS, Manipal. This start-up is incubated at the Manipal-Government of Karnataka Bioincubator, an initiative by MAHE and the Government of Karnataka to facilitate the incubation of start-ups. The mission statement of Scires Technologies is "Excellence in novel and innovative product development and provide valuable services". The vision of the company is "To develop as an innovative product and technology-oriented company, driven through Scientific Research in the areas of Pharmaceutical, Nutraceutical, Cosmeceutical, Nanotechnology, Biotechnology and Allied domains and to offer valuable services".	31 December 2021
<b>Pharmacognosy</b>			
1	Dr Vasudev R Pai	Dr Vasudev R Pai, Assistant Professor-Senior Scale, Department of Pharmacognosy, received the "Best Professional e-Poster Presentation Award" for the project titled "In-silico and In-vitro acetylcholinesterase inhibitor: An approach towards Alzheimer's disease" in RAKCOPS International e-Conference on Drug Development 2021 held from 23 to 24 May 2021. The theme of the conference was "Quality Medicine from Bench to Bed Side" organized by RAK Medical and Health Sciences University, Ras Al Khaimah, UAE.	23 May 2021
<b>Pharmacology</b>			
1	Dr K Nandakumar	Dr K Nandakumar, Professor and Head, Department of Pharmacology was nominated by MCOPS, Manipal for the "Capacity Building Industrial Training" program supported by the Pharmacy Council of India and Indian Pharmaceutical Association to bridge the gap between the Pharmaceutical Industry and academics. The expert committee nominated by the Pharmacy council of India selected Dr K Nandakumar for this program and allotted him a training site at Cipla Limited, Bangalore with a fund of 50,000/- INR to meet the expenses during the training program. This is the first batch of this new initiative program under the aegis of PCI and IPA. Dr K Nandakumar had	13 December 2021



Sl. No.	Name	Details	Date
		successfully completed his industrial training at Cipla Limited, Virgo Nagar, Bangalore under the mentorship of Ms D S Mala, Director – Site Quality Assurance from 13 December 2021 to 10 January 2022. During this training, Dr K Nandakumar has learnt about the process involved in the commercial manufacturing of Active Pharmaceutical Ingredients (API) and understood the roles of various departments like quality assurance, quality control, Engineering, Research and Development, Environment Safety and Health etc in manufacturing quality products for the patient care. He also under the concepts of cGMP, best practices to maintain data integrity, differences in commercial and lab-scale productions, quality systems to ensure personal and product safety. Dr K Nandakumar will try to inculcate these practices and skills in the undergraduate and postgraduate students of MCOPS, Manipal which will enable the students to meet the Industrial expectations.	
<b>Pharmacy Practice</b>			
1	Dr Girish Thunga and Dr Sonal Sekhar M	Dr Girish Thunga, Assistant Professor-Selection Grade and Dr Sonal Sekhar M, Assistant Professor-Selection Grade, Department of Pharmacy Practice received the International Society for Pharmacoepidemiology (ISPE)'s scholarship to attend the 13th Asian Conference on Pharmacoepidemiology (ACPE) held concurrently with the 28th Scientific meeting of the Korean Society for Pharmacoepidemiology and Risk Management. This scholarship covers all registration fees to attend one of the Educational Sessions on 13 October 2021 and the Conference itself, from 14 to 15 October 2021.	13 October 2021
2	Dr Sonal Sekhar M	Dr Sonal Sekhar M, Assistant Professor-Selection Grade, Department of Pharmacy Practice has been presented with the Second Best Oral Presentation Award under the category of Pharmacovigilance and Patient Safety/Case Reports for the topic entitled Cefepime-Induced Neurotoxicity: A Retrospective Cohort Study in a South-Indian Tertiary Healthcare Facility in the 2nd International Virtual Conference on Advances in Health Economics and Outcomes Research jointly organized by ISPOR Nitte (Deemed to be University) Student Chapter and Department of Pharmacy Practice, NGSM	21 October 2021

Sl. No.	Name	Details	Date
3	Dr Sonal Sekhar M	Institute of Pharmaceutical Sciences, Mangaluru, from 21 to 22 October 2021. Dr Sonal Sekhar M, Assistant Professor-Selection Grade, Department of Pharmacy Practice, received an appreciation award for organizing community outreach activity during "World Antimicrobial Awareness Week 2021" at International Conference on Combating Antimicrobial Resistance, KMC, Manipal from 18 to 24 November 2021.	18 November 2021

#### Students

Sl. No.	Name	Details	Date
<b>Administration</b>			
1	Mr Manoj M Wagle	Endowment Award 2019–20: Late Professor S Sankarasubramanian Award, the award was instituted by Dr KVSRRG Prasad and Dr K K Srinivasan in the memory of their teacher Late Professor S Sankarasubramanian, the fourth Director of our institution, Best Performance in Medicinal Chemistry and Pharmacology subjects of final-year BPharm program.	31 December 2021
2	Ms Mandira Kashi Kajampady	Endowment Award 2019–20: Late Professor N K Basu Award, Instituted by Late Professor N K Basu, the first Director of our institution, award for Best Outgoing student in Pharmaceutical Chemistry subjects of BPharm program.	31 December 2021
3	Ms Mandira Kashi Kajampady	Endowment Award 2019–20: Late Professor N K Basu Award, Instituted by Late Professor N K Basu, the first Director of our institution, award for Best Outgoing student in Pharmaceutical Chemistry subjects of BPharm program.	31 December 2021
4	Mr Manoj M Wagle	Endowment Award 2019–20: Dr M N Guruswamy Award, instituted by Dr M N Guruswamy, our former HOD of Pharmacology Department, Award for Best Performance in Pharmacology subjects of BPharm program.	31 December 2021
5	Ms Prathvi	Endowment Award 2019–20: Anand Chandavarkar Memorial Scholarship, Instituted by M/s FDC Ltd in the name of Anand Chandavarkar, award for final-year BPharm student who scores highest marks and pursues postgraduation in MCOPS.	31 December 2021
6	Ms Keerthana	Endowment Award 2019–20: Atmaram Dattatreya Chandavarkar Memorial Scholarship, Instituted by M/s FDC Ltd in the name of Atmaram Dattatreya	31 December 2021

Sl. No.	Name	Details	Date
		Chandavarkar, the award for BPharm Graduate of MCOPS who pursues masters in MCOPS and secures highest marks in first-year MPharm.	
7	Ms Sahana Pai and Mr Akshit V Jain	Endowment Award 2019–20: M/s MEDREICH Ltd, Bengaluru Award, Instituted by Mr B Srinivasa Reddy, M/s MEDREICH Ltd, Bengaluru, award for Best second-year MPharm project work (Dissertation work).	31 December 2021
8	Ms Soundarya M Rai	Endowment Award 2019–20: Institute of Pharmaceutical Education and Research Award, Instituted by Dr M Burande in the name of Institute of Pharmaceutical Education and Research, Award for first-year MPharm programs offered in the Department of Pharmacy Management of MCOPS.	31 December 2021
9	Ms Keerthana	Endowment Award 2019–20: M/s Lupin Scholarship, Instituted by M/s Lupin Ltd, Pune, Award for Top Performer in first-year MPharm Pharmaceutics specialization.	31 December 2021
10	Ms Christi Sajee Varkey	Endowment Award 2019–20: Hospital Pharmacy Foundation, Delhi Award, Instituted by Hospital Pharmacy Foundation, New Delhi, Topper of PharmD Program.	31 December 2021
11	Ms Christi Sajee Varkey	Endowment Award 2019–20: Hospital Pharmacy Foundation, Delhi Award, Instituted by Hospital Pharmacy Foundation, New Delhi, Topper of PharmD Program.	31 December 2021
12	Mr Manoj M Wagle	Endowment Award 2019–20: Late Mr Joseph Colaco Award, Instituted by Mr Michael Sreshta, our Alumnus, in memory of his friend late Mr Joseph Colaco, Best Outgoing Student of BPharm Program.	31 December 2021
13	Mr Aswath S	Endowment Award 2019–20: Mrs Murti Devi Yadav Award, Mr Ravi Kant Yadav, our alumnus (2003-07 batch), in the name of his loving mother Mrs Murti Devi Yadav, Award for Top Performance in Pharmaceutical Organic Chemistry subject of BPharm first-year	31 December 2021
14	Mr Soumyajeet Paul, Ms Sucharitha S Borkar and Ms Natasha Nayak	Endowment Award 2019–20: "Param Pujya Guru" Award, Instituted by Dr B S Jayashree, Professor, Department of Pharmaceutical Chemistry, in the name of her Param Pujya Guru Shree Nirmala Devi, Award for Best performers in Pharmaceutical Chemistry of third-year PharmD	31 December 2021
15	Ms Pooja J Kotian	Endowment Award 2019–20: Dr J Venkata Rao, Former Professor, Department of Pharmaceutical	31 December 2021

Sl. No.	Name	Details	Date
		Biotechnology, Instituted by in memory of his parents Smt Josyula Vardhani and Sri Josyula Sriram Murthy, Award for highest aggregate marks in the subjects of Biochemistry, Pharmaceutical Microbiology and Pharmaceutical Biotechnology,	
16	Ms Prathvi	Endowment Award 2019–20: Professor N Krishnamoorthy Award, Instituted by Professor N Krishnamoorthy, the Second Director of our institution, Award for Best Outgoing Student in all Pharmaceutics subjects of the BPharm program.	31 December 2021
17	Ms Sahana Pai and Mr Akshit V Jain	Endowment Award 2019–20: Dr P Gundu Rao's Meritorious Award, Instituted by Dr P Gundu Rao, the third Director of our institution, Award for Best Outgoing student of MPharm program at MCOPS.	31 December 2021
18	Mr Baghel Saahil Sandeep	Endowment Award 2019–20: Late Dr M A Iyengar Award, Institute by Dr M A Iyengar, the First HOD of Pharmacognosy Department and his fellow researchers, Award for First in Pharmacognosy subjects of BPharm program.	31 December 2021
19	Mr Manoj M Wagle	Endowment Award 2019–20: BPRL, Bengaluru Award, Instituted by BPRL, Bengaluru Award, Award for First Rank holder in BPharm	31 December 2021
20	Mr Manoj M Wagle	Endowment Award 2019–20: Pfizer Ltd, Mumbai Award, Instituted by Pfizer Ltd, Mumbai, Award for First Rank holder in BPharm,	31 December 2021
21	Ms Jenilda Jasmin Mathias	Endowment Award 2019–20: Shri Sri Gopal Chandak Award, Instituted by Mr Ashok Chandak, our Alumnus, in the name of his loving father Shri Srigopal Chandak, Award for Best Performer in the Pharmaceutical Chemistry subjects of first and second-year BPharm	31 December 2021
22	Ms Mahika Milind Joshi	Endowment Award 2019 – 20: "Param Pujya Guru" Award, Instituted by Dr B S Jayashree, Professor, Department of Pharmaceutical Chemistry, in the name of her Param Pujya Guru Shree Nirmala Devi, Award for Best performers in Pharmaceutical Chemistry subject of third-year BPharm	31 December 2021
23	Ms Vishnumaya S Nair	Endowment Award 2019–20: "Param Pujya Guru" Award, Instituted by Dr B S Jayashree, Professor, Department of Pharmaceutical Chemistry, in the name of her Param Pujya Guru Shree Nirmala Devi, Award for Best performers in Pharmaceutical Chemistry subject of fourth-year BPharm.	31 December 2021
24	Ms Pooja Sharma P C	Endowment Award 2019–20: "Param Pujya Guru" Award, Instituted by Dr B S Jayashree, Professor,	31 December 2021

Sl. No.	Name	Details	Date
		Department of Pharmaceutical Chemistry, in the name of her Param Puja Guru Shree Nirmala Devi, first-year MPharm-Pharmaceutical Chemistry specialization.	
25	Ms Pooja Sharma P C	Endowment Award 2019–20: "Param Puja Guru" Award, Instituted by Dr B S Jayashree, Professor, Department of Pharmaceutical Chemistry, in the name of her Param Puja Guru Shree Nirmala Devi, First-year MPharm-Pharmaceutical Chemistry specialization.	31 December 2021
26	Ms Natasha Nayak	Endowment Award 2019–20: Late Shri Raghunadha Rao Kamineni award, Instituted by Mr Ramprasad Kamineni, our Alumnus, in the name of his loving father Late Shri Raghunadha Rao Kamineni, Award for Best performers in the subjects of Pharmaceutics and Pharmacology of PharmD.	31 December 2021
27	Ms Vishnumaya S Nair and Ms Rashmeen Kaur Dugal	Endowment Award 2019–20: Shri K P Anantanarayanan Birth Centenary Prize, Shri Sri Gopal Chandak Award, Instituted by Mr Ashok Chandak, our Alumnus, in the name of his loving father Shri Srigopal Chandak, Dr Anantanarayanan Raman, Professor, Charles Sturt University, Australia, in memory of his late father Sri K P Anantanarayanan	31 December 2021
28	Ms Mandira Kashi Kajampady	Endowment Award 2019–20: Shri K D Chaurasia Award, Instituted by Dr Anantanarayanan Raman, Professor, Charles Sturt University, Australia, in memory of his late father Sri K P Anantanarayanan, Award for Best performer in the Pharmaceutical Chemistry subjects of BPharm program.	31 December 2021
29	Mr Nujella Sai Charan	Endowment Award 2019–20: Shri K D Chaurasia Award, Instituted by Ms Sonal Kirty, Alumni, in the name of her loving father Shri K D Chaurasia, Award for Best performer in the Intellectual Property Rights subjects of MPharm Pharmaceutical Administration.	31 December 2021
31	Mr Bhalerao Rutuja Satish and Ms Bhosale Srushti Sanjay Manisha	Endowment Award 2019–20: Mrs Suraiya Jabin Award, Dr Shazil Ahmed Khan, MCOPS Alumnus in the name of his loving parents, for the highest marks in the subjects of Principles and Practice of Pharmaceutical Marketing of MPharm first semester.	31 December 2021
32	Mr Bhavya Narang and Ms Pooja J Kotian	Endowment Award 2020–21: Late Professor N K Basu Award Instituted by Late Professor N K Basu, the first Director of our institution, Award for Best	31 December 2021

Sl. No.	Name	Details	Date
		Outgoing student in Pharmaceutical Chemistry subjects of BPharm program.	
33	Ms Pooja J Kotian	Endowment Award 2020–21: Professor N Krishnamoorthy Award, Instituted by Professor N Krishnamoorthy, the Second Director of our institution, Award for Best Outgoing Student in all Pharmaceutics subjects of the BPharm program.	31 December 2021
34	Mr Pooja Sharma PC	Endowment Award 2020–21: Dr P Gundu Rao's Meritorious Award, Instituted by Dr P Gundu Rao, the Third Director of our institution, Award for Best Outgoing student of MPharm program at MCOPS.	31 December 2021
35	Mr Manoj M Wagle	Endowment Award 2020–21: Late Professor S Sankarasubramanian Award, Instituted by the award was instituted by Dr KVSRG Prasad and Dr K K Srinivasan in the memory of their teacher Late Prof S Sankarasubramanian, the Fourth Director of our institution	31 December 2021
36	Ms Raksha J Nayak	Endowment Award 2020–21: Dr M N Guruswamy Award, Instituted by Dr M N Guruswamy, our former HOD of Pharmacology Department, Award for Best Performance in Pharmacology subjects of BPharm program.	31 December 2021
37	Mr Bhavya Narang	Endowment Award 2020–21: Late Dr M A Iyengar Award, Dr M A Iyengar, the First HOD of Pharmacognosy Department and his fellow researchers, First in Pharmacognosy subjects of BPharm program.	31 December 2021
38	Ms Pooja J Kotian	Endowment Award 2020–21: BPRL, Bengaluru Award, Instituted by BPRL, Bengaluru Award for First Rank holder in BPharm.	31 December 2021
39	Ms Pooja J Kotian	Endowment Award 2020–21: Pfizer Ltd, Mumbai Award, Instituted by Pfizer Ltd, Mumbai, Award for First Rank holder in BPharm.	31 December 2021
40	Ms Pooja J Kotian	Endowment Award 2020–21: Anand Chandavarkar Memorial Scholarship, Instituted by M/s FDC Ltd in the name of Anand Chandavarkar, Award for Final year BPharm student who scores highest marks and pursues postgraduation in MCOPS	31 December 2021
41	Ms Pavithra Pradeep Prabhu	Endowment Award 2020–21: Atmaram Dattatreya Chandavarkar Memorial Scholarship, Instituted by M/s FDC Ltd in the name of Atmaram Dattatreya Chandavarkar, Award for BPharm Graduate of MCOPS who pursues masters in MCOPS and secures highest marks in first-year MPharm	31 December 2021

Sl. No.	Name	Details	Date
42	Mr Pooja Sharma PC	Endowment Award 2020–21: M/s Medreich Ltd, Bengaluru Award, Instituted by Mr B Srinivasa Reddy, Award for Best second-year MPharm Project work (Dissertation work).	31 December 2021
43	Ms Pavithra Pradeep Prabhu	Endowment Award 2020–21: Mr Deepak Kini and Mr Pradeep Nayak, USA, Instituted by the award was instituted by Mr Deepak Kini and Mr Pradeep Nayak, USA, Alumni of MCOPS, Award for First in the First year MPharm	31 December 2021
44	Ms Shavani Mane	Endowment Award 2020–21: Institute of Pharmaceutical Education and Research Award, Instituted by Dr M Burande in the name of Institute of Pharmaceutical Education and Research, Award for the first-year MPharm programs offered in the Department of Pharmacy Management of MCOPS	31 December 2021
45	Ms Shetti Soumyashri Sunil Vijaya	Endowment Award 2020–21: M/s Lupin Scholarship award, Instituted by M/s Lupin Ltd, Pune, for the Top Performer in first-year MPharm Pharmaceutics specialization	31 December 2021
46	Ms Vaidehi Dipesh Bhatia	Endowment Award 2020 – 21: Hospital Pharmacy Foundation, Delhi Award, Instituted by Hospital Pharmacy Foundation, New Delhi, Award for Topper of PharmD Program.	31 December 2021
47	Ms Pooja J Kotian	Endowment Award 2020–21: Late Mr Joseph Colaco Award, Instituted by Mr Michael Sreshta, our Alumnus, in memory of his friend late Mr Joseph Colaco, Award for Best Outgoing Student of BPharm Program.	31 December 2021
48	Mr Sagnik Bose, Mr John George Patani and Ms Madhuj Sen	Endowment Award 2020–21: Mrs Murti Devi Yadav Award, Instituted by Mr Ravi Kant Yadav, our alumnus (2003-07 batch), in the name of his loving mother Mrs Murti Devi Yadav, Award for Top Performance in Pharmaceutical Organic Chemistry subject of BPharm first-year.	31 December 2021
49	Ms Pooja J Kotian	Endowment Award 2020–21: Late Shri K Padmanabha Bhat Award, Instituted by Dr Krishnamurthy Bhat, Professor and Head, Department of Pharmaceutical Quality Assurance, MCOPS in memory of his loving father the Late Shri K Padmanabha Bhat, Award for best performers in the subjects of Pharmaceutical Quality Assurance of BPharm	31 December 2021
50	Ms Anjali Rai and Ms Nayak Ankitha Nagaraj	Endowment Award 2020–21: "Param Pujya Guru" Award, Instituted by Dr B S Jayashree, Professor, Department of Pharmaceutical Chemistry, in the	31 December 2021

Sl. No.	Name	Details	Date
		name of her Param Puja Guru Shree Nirmala Devi, Award for Best performers in Pharmaceutical Chemistry subject of third-year BPharm.	
51	Ms K Shravya	Endowment Award 2020–21: "Param Puja Guru" Award, Instituted by Dr B S Jayashree, Professor, Department of Pharmaceutical Chemistry, in the name of her Param Puja Guru Shree Nirmala Devi, Award for Best performers in first-year MPharm Pharmaceutical Analysis specialisation	31 December 2021
52	Ms Keerthana Krishnan	Endowment Award 2020–21: "Param Puja Guru" Award, Instituted by Dr B S Jayashree, Professor, Department of Pharmaceutical Chemistry, in the name of her Param Puja Guru Shree Nirmala Devi, Award for Best performers in Pharmaceutical Chemistry of third-year PharmD.	31 December 2021
53	Ms Urgen Palmo	Endowment Award 2020–21: "Param Puja Guru" Award, Instituted by Dr B S Jayashree, Professor, Department of Pharmaceutical Chemistry, in the name of her Param Puja Guru Shree Nirmala Devi, Award for first-year MPharm-Pharmaceutical Chemistry specialization.	31 December 2021
54	Ms Keerthana Krishnan	Endowment Award 2020–21: Late Shri Raghunadha Rao Kamineni award, Instituted by Mr Ramprasad Kamineni, our Alumnus, in the name of his loving father Late Shri Raghunadha Rao Kamineni, Award for Best performers in the subjects of Pharmaceutics and Pharmacology of PharmD.	31 December 2021
55	Ms Poorvika Agarwal	Endowment Award 2020–21: Shri Sri Gopal Chandak Award, Mr Ashok Chandak, our Alumnus, in the name of his loving father Shri Srigopal Chandak, Award for Best performer in the Pharmaceutical Chemistry subjects of first and second-year BPharm.	31 December 2021
56	Ms Mahika Milind Joshi	Endowment Award 2020–21: Shri Sri Gopal Chandak Award, Mr Ashok Chandak, our Alumnus, in the name of his loving father Shri Srigopal Chandak, Award for Best performer in the Pharmaceutical Chemistry subjects of third and fourth-year BPharm.	31 December 2021
57	Ms Astha Deshwal and Mr Rajat Jagdish Palod	Endowment Award 2020–21: Shri K P Anantanarayanan Birth Centenary Prize, Dr Anantanarayanan Raman, Professor, Charles Sturt University, Australia, in memory of his late father Sri K P Anantanarayanan, Award for Best performer in the Pharmacy Practice subjects of BPharm program.	31 December 2021



Sl. No.	Name	Details	Date
58	Mr Bhavya Narang and Ms Pooja J Kotian	Endowment Award 2020–21: Shri K P Anantanarayanan Birth Centenary Prize, Dr Anantanarayanan Raman, Professor, Charles Sturt University, Australia, in memory of his late father Sri K P Anantanarayanan, Award for Best performer in the Pharmaceutical Chemistry subjects of BPharm program.	31 December 2021
59	Ms Sanga Podder and Mr Shahil Shetty D	Endowment Award 2020–21: Shri K D Chaurasia Award, Instituted by Ms Sonal Kirty, Alumns, in the name of her loving father Shri K D Chaurasia, Award for Best performer in the Intellectual Property Rights subjects of MPharm Pharmaceutical Administration	31 December 2021
60	Ms Vaishnavi Dhara	Endowment Award 2020–21: Mrs Suraiya Jabin Award, Instituted by Dr Shazil Ahmed Khan, MCOPS Alumnus in the name of his loving parents, Award for Highest marks in the subjects of Principles and Practice of Pharmaceutical Marketing of first-semester MPharm.	31 December 2021
61	Ms Jenilda Jasmin Mathias	Endowment Award 2020–21: Josyula Academic Excellence Award, Instituted by Dr J Venkata Rao, Former Professor, Department of Pharmaceutical Biotechnology, in memory of his parents Smt Josyula Vardhani and Sri Josyula Sriram Murthy, Award for Highest aggregate marks in the subjects of Biochemistry, Pharmaceutical Microbiology and Pharmaceutical Biotechnology.	31 December 2021
62	Ms Ruchira Samddar	Endowment Award 2020–21: Lalith Kumar Mittal Scholarship Fund Award, Instituted by Mr Lalith Kumar Mittal, Alumnus, Department of Pharmacy Management, MCOPS, Award for Best Outgoing Student of Department of Pharmacy Management	31 December 2021

#### Pharmaceutics

1	Mr Chetan Hasmukh Mehta	Dr TMA Pai Gold Medal for Outstanding Research, Award for Mr Chetan Hasmukh Mehta, Research Scholar, Department of Pharmaceutics is conferred with Dr TMA Pai Gold Medal for Outstanding Research.	31 December 2021
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#### Pharmacy Practice

1	Dr Shilia Jacob Kurian	Dr Shilia Jacob Kurian, Research Scholar, Department of Pharmacy Practice, MCOPS won Second Prize under Clinical Research stream in "Student's Pharmaceutical Conclave" organized by Pharmacist Society of Kerala, in association with Kerala Private Pharmacists Association (KPPA) on	21 August 2021
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Sl. No.	Name	Details	Date
		21 August 2020. She received the prize for the online presentation for the research entitled "Multicentric Observational Study on Protective Effect of Metformin against Tuberculosis in Diabetic Patients in South-Indian Tertiary Healthcare Facilities" under the guidance of the Dr Sonal Sekhar M, Dr Navya Vyas and Dr Manu Mohan. The research was supported by the Manipal Centre for Infectious Diseases (MACID)Seed Grant from Manipal Center for Infectious Diseases, PSPH, MAHE, Manipal.	

**d) Staff**

Sl. No.	Name	Details	Date
<b>Administration</b>			
1	Mr Harekrishna Samanth	Supporting Staff of the Year Award 2020-Mr Harekrishna Samanth, Laboratory Technician -II, Department of Pharmaceutical Quality Assurance, MCOPS.	31 December 2021
2	Mr Sanjeeva	Supporting Staff of the Year Award 2020: Mr Sanjeeva, Senior House Keeping Staff, Department of Pharmacology.	31 December 2021
3	Mrs Divya R Shenoy	Supporting Staff of the Year Award 2021: Mrs Divya R Shenoy, Clerk, MCOPS.	31 December 2021
4	Mr Umesh Naik	Supporting Staff of the Year Award 2021: Mr Umesh Naik, Senior House Keeping Staff, Stores, MCOPS.	31 December 2021

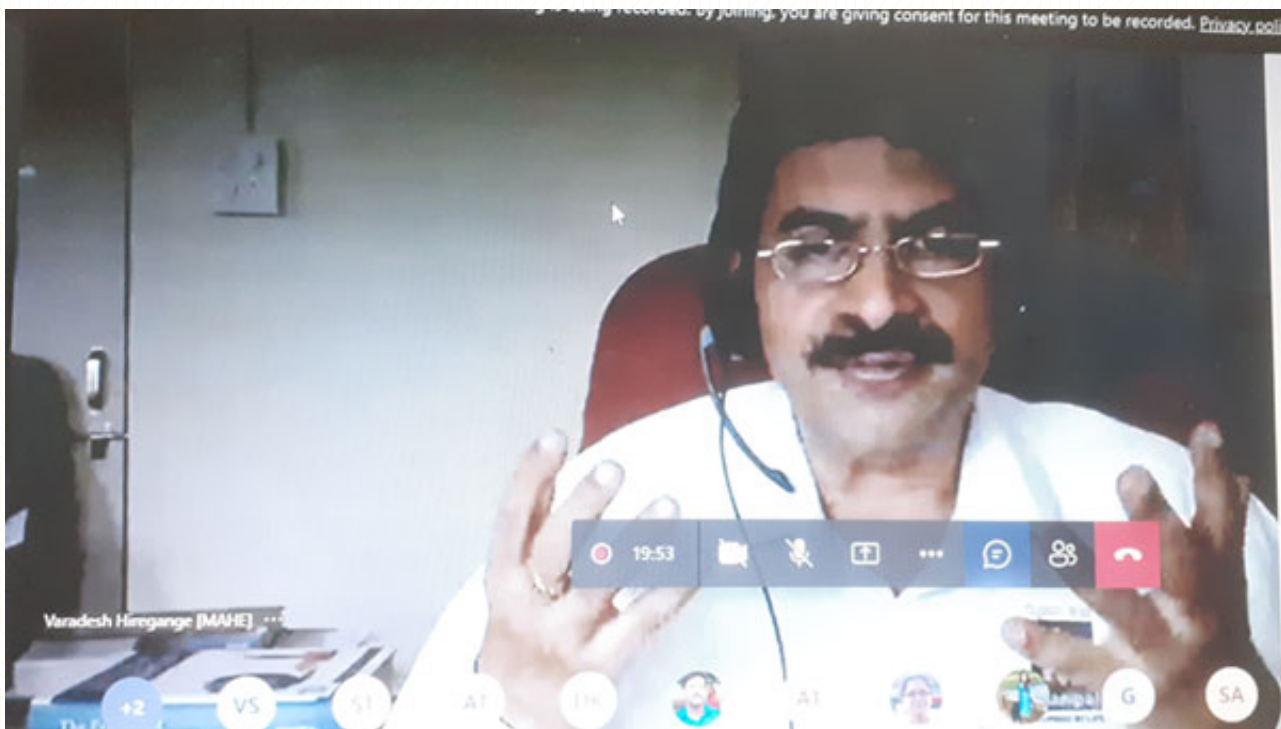
## Photo Archive of Important events



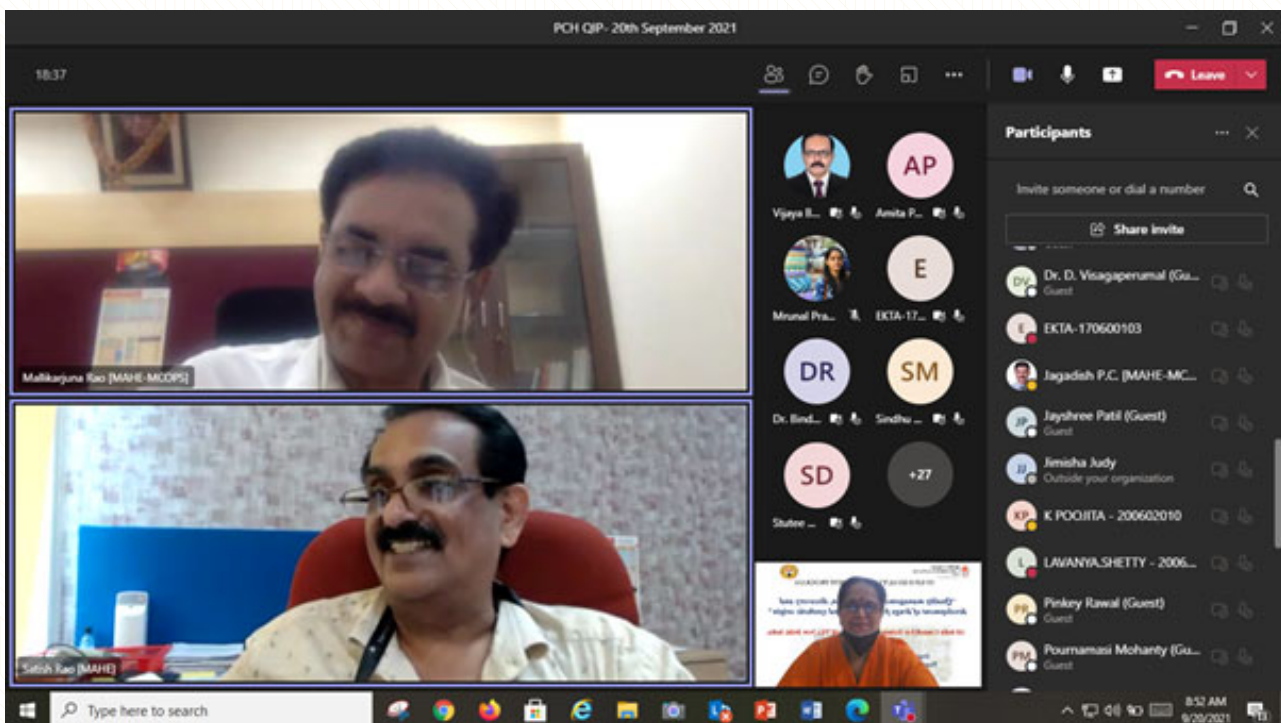
World Diabetes Day-2021. The Pharmacy Literacy Club, Department of Pharmacy Practice, MCOPS observed World Diabetes Day on 13 November 2021 at 4:00 pm at Seminar Hall, Department of Pharmacy Practice, MCOPS, with the theme "Access to Diabetes Care."



From 5 to 6 February 2021, the blood donation was conducted at the KMC Blood Bank. A total of 69 volunteers registered for the blood donation drive, of which 52 were able to donate. The donors received a certificate and badge from the Blood Bank.



Celebration of India's 75 years of Independence - Azadi Ka Amrut Mahotsav, MCOPS, Manipal organised a webinar entitled "India's Freedom Struggle". The event was held on 12 March 2021. Professor Varadesh Hiregange, Director, Gandhian Centre for Philosophical Arts and Sciences, MAHE was the resource person.



AICTE sponsored Quality Improvement Program on "Quality Management in the Design, Discovery and Development of Drugs from Natural and Synthetic Origin" from 20 to 25 September 2021.

## Manipal College of Dental Sciences, Manipal

Address: Madhav Nagar, Manipal – 576 104

Phone Number: 0820 – 2922340/2922063

Email-Office: office.cods@manipal.edu Dean Email: keerthilatha.pai@manipal.edu



Name of the Dean: **Dr Keerthilatha M Pai**

Established: **1965**

### Details of Programs offered by the Institution:

- BDS
- MDS in
  - Prosthodontics and Crown and Bridge
  - Periodontology
  - Oral and Maxillofacial Surgery
  - Conservative Dentistry and Endodontics
  - Orthodontics and Dentofacial Orthopaedics
  - Oral Pathology and Microbiology
  - Public Health Dentistry
  - Paedodontics and Preventive Dentistry
  - Oral Medicine and Radiology
- Postgraduate Diploma in Dental Materials
- Certificate course in Oral Implantology
- Certificate course in Aesthetic Dentistry

- Certificate course in Laser Dentistry
- Integrated Photography course
  - Dental Mechanic course
  - Dental Hygienist course
  - Dental Operating Room Assistant (DORA)

### About Institution/School:

Manipal College of Dental Sciences (MCOADS), Manipal was originally founded as the College of Dental Surgery in 1965. Today MCOADS, Manipal, is one of the best equipped dental colleges in the country, engaged in oral healthcare education, research, patient care and community services. The rankings for MCOADS Manipal are listed below

- Ranked as the No. 1 Dental College in India (Source: National Institute Ranking Framework 2021)
- Ranked as the No. 1 Dental College in India (Source: The Week Ranking: 2014, 2015, 2016, 2017)
- Ranked as the No. 1 Dental College in India (Source: Outlook Ranking: 2009, 2010, 2011)
- Ranked as the No. 2 (Source: Outlook ranking 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020)

The college has state-of-the-art clinical facilities with advanced training in Aesthetic Dentistry, Implant Dentistry, Laser Application and Integrated Photography in Dentistry. The preclinical simulation laboratories offer cutting edge facilities to develop practical dental skills. The clinical facilities offer a full range of dental services for both generalized and specialized dental treatment needs. The institute contains a state-of-the-art Phantom Heads Lab and Ceramic Lab. The institute is recognized by the Malaysian Dental Council since 2004 and has also been recognized by Sri Lankan Medical Council.


### Institutional Activities/Curricular Activities

#### New Initiatives:

Sl. No.	Activity	Particulars	Date(s)
<b>Periodontology</b>			
1	Simulation programs for surgical periodontology	Commenced simulation program for the postgraduates where models are used to perform non-surgical and surgical procedures and improve clinical skills.	22 July 2021

All other activities in the department relating to the program/course:

Sl. No.	Activity	Particulars	Date(s)
<b>Oral Medicine and Radiology</b>			
1	Orofacial Pain Clinic	Every Tuesday of the week is dedicated to the treatment of patients suffering from chronic pain in the head and neck. Regular follow-up is done for such patients along with psychological counselling if required.	9 March 2021
2	World no tobacco day 2021	On account of World No Tobacco Day 2021, the Department of Oral Medicine and Radiology organized various student competitions were held to increase awareness against tobacco use. Art, Photography and poetry competitions were held and certificates were awarded to the winners.	31 May 2021

Sl. No.	Activity	Particulars	Date(s)
3	Roentgen day Celebration 2021 	The Department of Oral Medicine and Radiology, MCOADS, Manipal celebrated the International Day of Radiology on 8 November 2021. The photography competition "Grey Scale" was conducted for the students. The postgraduate students gave an insight into the journey of x-rays, x-ray films, x-ray tubes and the journey from analog to digital. MCOADS, Student Council made creative installations of the X-ray film holder and film packets.	8 November 2021

### Paedodontics and Preventive Dentistry

1	Alumni webinar by Dr Vineet Dhar. Dhar is a clinical professor and chair of Orthodontics and Paediatric Dentistry and graduate program director of Paediatric Dentistry at the University of Maryland School of Dentistry, Baltimore, USA.	Crossroad in Paediatric Dentistry. Is your practice evidence-based?	17 August 2021
2	Workshop	Anterior esthetics: the art of composite buildup	8 September 2021
3	Alumni webinar by Dr Divesh Sardana. Dr Divesh is working as a teaching fellow at Harvard Medical School and simultaneously doing his MPH in Quantitative Methods from T.H. Chan School of Public Health of the Harvard University where he was provided with a scholarship by the University to pursue the same.	Understanding the system underlying the systematic reviews	8 October 2021

### Periodontology

1	Webinar on review of mucogingival surgery	Webinar conducted on Review of Mucogingival Surgery-Basic and surgical technique. The resource person was Dr Gayathri Shenoy.	9 January 2021
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Sl. No.	Activity	Particulars	Date(s)
2	Continuing Professional Development (CPD) program on Mechanism of Periodontal disease	CPD on the Mechanism of Periodontal Disease by Dr Xiao-Qing Wei. Dr Wei is a Senior Lecturer in Immunology, Oral and Biomedical Sciences, Dental School at Cardiff University, UK.	29 January 2021
3	Continuing Professional Education webinar on mistakes in prevention	Continuing Professional Educational webinar entitled "Mistakes in Prevention held on the account of the National Oral Hygiene Day". The resource person was Dr Carla Mora Perez.	2 August 2021
4	Clinical case discussion	Webinar on "Clinical case discussion" by Dr Bindhu Koshy, Alumnus (1988 batch) at MCOADS, Manipal.	19 October 2021
5	Continuing Dental Education (CDE) program titled Journey from Edentulous to Dentulous	The department of periodontology in conjunction with the CDE program on "Journey from Edentulous to Dentulous". There were 56 participants and the resource persons were: Dr Anshu Bhatija, Assistant Clinical Professor, Department of Prosthodontics, University of New England, College of Dental Medicine, Portland Maine and Dr Gayathri Shenoy an Alumnus of MCOADS, Manipal (2010). She is a private practitioner in Periodontology and dental implantology at Alabama	29 October 2021

#### **Prosthodontics and Crown and Bridge**

1	Lecture cum hands-on training program on IPS eMAX organized by Department of Prosthodontics, MCOADS, Manipal. Resource person - Sumit Mahapatra (Head of ICDE) Technical India.	Workshop for postgraduates and Department of Prosthodontics and Crown and Bridge conducted by dental technicians with lectures and hands-on.	2 March 2021 to 3 March 2021
2	Occlusal issues in General Dental Practice by Dr Atul Bhatnagar, Professor, Department of Prosthodontics, Banaras Hindu University. Organized by the Department of Prosthodontics and Crown and Bridge, MCOADS, Manipal	National level webinar organized by the department.	26 September 2021



Sl. No.	Activity	Particulars	Date(s)
3	A journey from edentulous to dentulous by Dr Anshu Bathija (Prosthodontist) and Dr Gayathri Shenoy (Periodontist) Organized by the Department of Periodontology and Prosthodontics and Crown and Bridge, MCOODS, Manipal	Hybrid workshop - Dr Gayathri Shenoy delivered the lecture on-site and Dr Anshu via video conferencing.	29 October 2021
4	3D printing and its dental applications by Dr Adarsh N, Professor and Head, Department of Prosthodontics, GDC, Bellary. Organized by the Department of Prosthodontics and Crown and Bridge and IPS Karnataka State Branch	National Level Webinar organized by the department along with IPS Karnataka Branch.	21 November 2021
5	CAD-CAM workshop by Dentsply Sirona	Product demo and workshop for faculty, postgraduates and technicians.	7 December 2021



### Public Health Dentistry

1	MoU signed with District Surveillance Office, Udupi district, Ministry of Fisheries, Udupi district and Manipal College of Dental Sciences	MoU signed with District Surveillance Office, Udupi district, Ministry of Fisheries, Udupi district and Manipal College of Dental Sciences for rendering optimum oral health care for the Fishing community of Udupi district about 14,000 total population over two year period 2021-22 and 2022-23	31 December 2021
2	Enhanced the Department peripheral Centre network by adding more centres and refining the schedule as per the new district subdivisions	New Mobile Dental Bus based dental treatment centres added at Kaup, Kumbashi and Malpe in 2021	31 Dec 2021



## Details of Guest Visit (lectures, collaboration, visitors on campus)

### Guest Lectures:

Sl. No.	Visitor	Name of the Organization	Purpose of Visit	Date of Visit
<b>Conservative Dentistry and Endodontics</b>				
1	Dr Shrey Dhawan	Private Practitioner	Interactive session on "career guidance and practice management"	1 January 2021
2	Dr Narasimhan Bharadwaj	Private Practitioner and Professor at Saveetha Dental College, Chennai	Rotary and Retreatment in Endodontics: A Clinical Perspective	11 October 2021 to 12 October 2021
3	Dr Vinod Kumar	Private Practitioner	SPECTRUM 2021: Webinar on the topic "Challenges in Composite Restoration"	27 November 2021
<b>Oral and Maxillofacial Surgery</b>				
1	Dr John Nesan	MD of CTARS	Guest Lecture	16 September 2021
2	Dr Srinivas Gosla Reddy	GSR Hospital Telangana	Guest Lecture	22 September 2021
<b>Oral Medicine and Radiology</b>				
1	Mr Dan Isaac Pothiyil	MAHE, MCOODS Manipal	Online Guest lecture	29 May 2021
2	Dr Davis Thomas	Rutgers University, Rutgers school of dentistry	Online Guest lecture	29 June 2021
<b>Periodontology</b>				
1	Dr G Subraya Bhat, former Professor of Periodontics and Associate Dean, MCOODS, Manipal.	Imam Abdul Rahman Bin Faisal University, Dammam, Kingdom of Saudi Arabia, College of Dentistry	Interaction with faculty	12 July 2021
2	Dr Gayathri Shenoy, an alumnus of MCOODS, Manipal (2010).	Private practice in Periodontology and dental implantology in Alabama.	Guest lecture on Implant site development as part of the CDE on Journey from Edentulous to Dentulous	29 October 2021



**Details of Publications:**

National		International	
Indexed	Non - Indexed	Indexed	Non - Indexed
46	2	122	3

**Conferences attended by Institution faculty and students:**

Faculty		Student	
National	International	National	International
35	19	82	22

**Details of Conferences/Workshops conducted by the Institution:**

Particulars	National	International
CME/CDE	16	1
Conference	0	0
Workshop	7	0
Seminar	4	0
Other	0	0

**Books/chapters authored by faculty members:**

Sl. No.	Name of the Book	Chapter(s) name (if authored, chapters only)	Faculty members	Publisher	Date
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**Oral and Maxillofacial Surgery**

1	Oral and maxillofacial surgery for children	Segmental resection of the mandible	Dr Adarsh Kudva	Springer Open	31 December 2021
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**Orthodontics and Dentofacial Orthopedics**

1	Ergonomics for Orthodontists		Dr Ramya Jathanna	Lambert academic publishing	31 December 2021
2	Oral syndromes		Dr Divya S, Dr Arun S Urala, Dr Shwethapriya R	Lambert academic publishing	31 December 2021
3	Clinical Photography in Orthodontics		Dr Divya S, Dr Arun S Urala, Dr Ujwal Gautam	Scholars' Press	31 December 2021
4	Reliability and validity statistics in oral health research		Dr Ritesh Singla	Scholar's press	31 December 2021

Sl. No.	Name of the Book	Chapter(s) name (if authored, chapters only)	Faculty members	Publisher	Date
5	Ergonomics for orthodontists		Dr Ramya	Lambert Academic publishing	31 December 2021
6	Oral syndromes		Dr Divya S, Dr Arun S Urala	Lambert Academic publishing	31 December 2021
7	Oral manifestations of HIV		Dr Ritesh Singla	Scholar's press	31 December 2021
8	Reliability and validity statistics in oral health research		Dr Nishu Singla, Dr Ritesh Singla	Scholars' Press	31 December 2021
<b>Periodontology</b>					
1	Fundamentals Of Periodontology and Oral Implantology, 3rd Edition, Edited by Dr Dilip Nayak, Ashita Uppoor, Abhay Kolte, Sangeeta Nayak.	Role of iatrogenic and other local factors in periodontal disease	Dr Pratibha	Elsevier India	31 December 2021
2	Fundamentals Of Periodontology and Oral Implantology, 3rd Edition, Edited by Dr Dilip Nayak, Ashita Uppoor, Abhay Kolte, Sangeeta Nayak.	Diagnosis, prognosis, and treatment planning	Dr Santhosh	Elsevier India	31 December 2021

Sl. No.	Name of the Book	Chapter(s) name (if authored, chapters only)	Faculty members	Publisher	Date
3	Fundamentals Of Periodontology and Oral Implantology, 3rd Edition, Edited by Dr Dilip Nayak, Ashita Uppoor, Abhay Kolte, Sangeeta Nayak.	Defense Mechanism of Gingiva	Dr Jothi	Elsevier India	31 December 2021
<b>Prosthodontics and Crown and Bridge</b>					
1	Does Using A Face Mask Affect Oral Health, Here's What Expert Say	<a href="https://www.healthwire.co/does-using-a-face-mask-affect-oral-health/">https://www.healthwire.co/does-using-a-face-mask-affect-oral-health/</a>	Dr Gayathri Krishnamoorthy	Healthwire	31 December 2021
2	Oral Health Care	The dental implant maintenance	Gayathri Krishnamoorthy, Aparna Narayana, Dhanasekar Balakrishnan	IntechOpen	31 December 2021
<b>Public Health Dentistry</b>					
1	A Novel Interprofessional Health Education Program - Strategy and Structure Manual-Phase I		Dr Ramprasad V P, Dr Prajna P Nayak	An Official Publication of King Saud University, KSA	31 December 2021
2	Oral manifestations of HIV		Dr Nishu Singla	Scholar Press	31 December 2021
3	Textbook of Periodontology	Epidemiology of Periodontal diseases	Dr P Kalyana Chakravarthy	ELSEVIER	31 December 2021

Sl. No.	Name of the Book	Chapter(s) name (if authored, chapters only)	Faculty members	Publisher	Date
4	y and Oral Implantology Essentials of Public Health Dentistry		Dr Ramprasad VP	Arya Publications	31 December 2021

#### Details of Research Grants:

Sl. No.	Project Name	Principal Investigator	Funding Agencies	Total Grants Received (INR)	Date(s)
<b>Oral Medicine and Radiology</b>					
1	A novel X-ray beam positioning guide for accurate dental radiography	Dr Shruti Singh	BIRAC BIG-15	49.89 Grant sanctioned in August 2020, Money released in January 2021	
<b>Pedodontics and Preventive Dentistry</b>					
2	Remineralization potential of self-assembling peptide P11-4 on early enamel caries: An in-vitro study	Shruti Shetty, N Sridhar	Credentis, Switzerland	12,000 INR	2 years
3	Effect of paediatric syrups on colour stability of tooth coloured restorations used in paediatric patients: An in vitro study	Dr Susmitha Dr Deepika Pai	Ivoclar Vivadent	3,000 INR	2 years
<b>Public Health Dentistry</b>					
4	Partial waiver for manuscript processing charges for a payment processed in June 2021 Title: Profile of local dental emergencies and mitigation strategies – a survey among private dental practitioners of south India	Tina P P, Kalyana C P, Vidya Saraswathi M, Srikanth G, Rajshekhar N	Bentham Publishers	443 USD	6 months
5	Effectiveness of DISCOM (Distancing Individual From Smokers Community) intervention on oral Streptococcus mutans levels in	Dr Karthik M	ICMR – NCS Nurturing Clinical	39 Lakhs INR	3 years

Sl. No.	Project Name	Principal Investigator	Funding Agencies	Total Grants Received (INR)	Date(s)
	an adolescent population of scheduled tribes exposed to Second Hand Smoke (SHS) in Udupi district: RCT		Scientist scheme		
<b>Oral Pathology and Microbiology</b>					
6	Characterization of novel TGF- $\beta$ 1/SMAD regulated microRNAs in the rat model of oral submucous fibrosis	Dr Raghu Radhakrishna	DST SERB	34,48,500 INR	25 September 2018 to 25 September 2021
7	Epithelial Reprogramming of HOX Genes by Epigenetic Mechanisms and its the implication to Oral Cancers	Dr Raghu Radhakrishna	DBT Wellcome Trust India Alliance	3,22,97,737 INR	1 September 2019 to 1 September 2024
8	Bioincubator in Biopharma	Dr Raghu Radhakrishnan (Co PI)	Govt of Karnataka	5,60,00,000 INR	1 January 2018 to 1 January 2023



#### Awards/Recognitions:




##### Institution (including "The Best Teacher Award" for the year)

Sl. No.	Name	Details	Date
1	Dr Keerthilatha M Pai	National Institutional Ranking Framework (NIRF) India Ranking 2021 - Manipal College of Dental Sciences, Manipal Ranked 1 in Dental Category.	31 December 2021



#### Faculty Members

Sl. No.	Name	Details	Date
<b>Conservative Dentistry and Endodontics</b>			
1	Dr Vasudev Ballal	Recognition from the American Association of Endodontists for performing 200 review manuscripts for the Journal of Endodontics	4 January 2021

Sl. No.	Name	Details	Date
<b>Oral and Maxillofacial Surgery</b>			
1	Dr Sreea Roy	Grand Challenge 2021	3 December 2021
			
<b>Oral Medicine and Radiology</b>			
1	Dr Shruthi Singh, Dr Shruthi Acharya	Selected for Pre-incubation Program at IIM Bangalore Healthcare Cohort	12 April 2021
2	Dr Vathsala, Dr Vineetha	Best Published Paper Award published in Cogent Engineering - Taylor and Francis in 2020 for the article titled "Artificial neural network for gender determination using mandibular morphometric parameters: A comparative retrospective study" Patil V, Vineetha R, Vatsa S, Shetty D K, Raju A, Naik N, Malarout N. Cogent Engineering. 2020 Jan 1;7(1):1723783	7 May 2021
3	Dr Shruthi Singh, Dr Shruthi Acharya	Selected at HexGn Accelerator Program	9 August 2021
4	Dr Shruthi Singh, Dr Shruthi Acharya	Finalist in Product Impact category 3M-CII Young Innovator Challenge Award	31 August 2021
5	Dr Shruthi Singh, Dr Shruthi Acharya	Among Top 50 Semi-finalists at KBU, Atal Incubation Centre, Nitte Health care cohort	2 November 2021
			
<b>Oral Pathology and Microbiology</b>			
1	Dr Monica Solomon	First Prize for paper presentation Virtual conference, Organized by Indian Academy of Clinical and Dental Genetics.	31 January 2021
2	Dr Spoorti Kulkarni	Second Prize for poster presentation Virtual conference, Organized by Indian Academy of Clinical and Dental Genetics.	31 January 2021
3	Dr Spoorti Kulkarni	Third Prize for paper presentation Kerala State Triple 'O' Conference	27 November 2021
			
<b>Periodontology</b>			
1	Dr Santhosh Kumar	Received patent for A handheld device for dispensation of the cryogen to a dental	22 March 2021



Sl. No.	Name	Details	Date
		therapeutic site. The patent was granted by the Indian patents office on 22 March 2021. The patent number is 362348	
2	Dr Santhosh Kumar	Added as the Editorial Board member of the BMC Oral Health Journal, BMC series, Springer Nature, UK	24 May 2021
3	Dr Aditi Chopra	Added as the Editorial Board member of the BMC Oral Health Journal, BMC series, Springer Nature, UK	9 July 2021
4	Dr Aditi Chopra	Awarded the Best Editorial Board member for 1 October in the BMC Oral Health Journal	1 November 2021

### Public Health Dentistry

1	Dr P Kalyana Chakravarthy	Second position in IAPHD award for faculty with high research output	21 February 2021
2	Dr P Kalyana Chakravarthy	Second position in MCOADS ideation completion 2021 – Mentor	7 March 2021
3	Dr Ramprasad V P	WCE 2021 (World Congress of Epidemiology Registration bursary award Dollars AUD 500 /)	6 September 2021
4	Dr Shashidhar Acharya	Being among the Top 2 percentile rank of scientists worldwide	24 November 2021

### Students

Sl. No.	Name	Details	Date
<b>Conservative Dentistry and Endodontics</b>			
1	Dr Krish	Best Poster (KIOS WEBCON 2021)	29 July 2021
2	Dr Anirudh	Best Poster (KIOS WEBCON 2021)	29 July 2021
3	Dr Aastha	Second in quiz competition by Department of Periodontology, MCOADS, Manipal	03 August 2021
4	Dr Devika	Best paper (International conference 12th IFEA)	14 August 2021
5	Dr Sindhu	Best paper (International conference 12th IFEA)	14 August 2021
6	Dr Aastha	Best Poster 36th IACDE National conference and 21st IACDE pg convention	21 November 2021



### Oral Medicine and Radiology


1	Sanjana Harlalka (Student) Mentors: Komal	Winners of MCOADS Manipal Ideation Competition conducted by the Innovation Centre Dent Support: a novel device to	26 June 2021
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Sl. No.	Name	Details	Date
	Smriti Kalyan Chakravarthy	provide operation access to teeth and maintain jaw opening at the same time, MAHE	
2	Sagnik Ray, J R Jahnavi and Kajol Mahapatra Mentor: Komal Smriti and Kiran Elizabeth Joseph	Winners MCODES Manipal: Ideation Competition conducted by the Innovation Centre, MAHE Dental Trimming Enclosure: A convenient, chair-side enclosure to perform fine trimming Team	26 June 2021
3	Kamakshi Raina and Upasana Kumar Mentors: Mathangi K, Komal Smriti	VAC-Shield: Voice amplification and clear face shield. Special mention (Top five finalists) MCODES Manipal Ideation Competition conducted by the Innovation Centre, MAHE	26 June 2021



### Periodontology

1	Dr Rupanjan	First prize for his Poster presentation on the topic "Sonoporation- A healing touch in Dentistry" for the ISPRP conference held on 9 and 10 January 2021.	9 January 2021
2	Dr Nidhi	First prize in Paper presentation in Impla integrate conference by Kalinga Institute of Dental Sciences on Dental Implantology on 26 February 2021. She was guided by Dr Rupali	26 February 2021
3	Dr Rupanjan	Second prize for Poster presentation on Salivary Pacemaker-Revealing the incognito at the Impla-integrate 2021 conducted by Kalinga University on 26 February 2021. He was guided by Dr Santhosh	26 February 2021
4	Dr Jaahnavi Lanka	Best paper award of session 2 for the Paper presentation on the topic "Evaluation of therapeutic benefits of a novel herbal ingredient based hyaluronic acid gel on gingival inflammation and enlargement in a patient with gingival enlargement" in the International Virtual Conference on Emerging and Re-emerging infectious diseases in Health Care Settings: MICROSUMMIT 2021.	23 August 2021
5	Dr Rupanjan Roy	Best Paper Presentation In The National Post Graduate E-Paper Competition "Killing The Killer: Diabetes – A Kaleidoscope" organized	23 August 2021

Sl. No.	Name	Details	Date
		by the Special Interest Group – Diabetes and Oral Care JSS Academy Of Higher Education and Research on 23 and 24 August 2021. Title Of The Paper – “Novel Treatment Adjuncts To Periodontal Debridement For The Management Of Periodontitis In Diabetic Patients”.	
6	Dr Rupanjan	Won the best paper presentation award for the paper presentation at the KIDS Webcon OMR, Organized by Kalinga University on the topic Journey of Digital imaging: Conventional and advanced	24 September 2021
7	Dr Shubhankar	Won the consolation prize for poster presentation at the 45th ISP National Conference (Virtual)2021 held from 21 October 2021 to 23 October 2021 [Venue- Pune] on the topic Zygomatic implantology - A diversified sector in the management of posterior maxillary atrophy.	21 October 2021
<b>Prosthodontics and Crown and Bridge</b>			
1	Annie John	Second Prize in poster presentation - 1st Virtual ISPRP National conference 2021	10 January 2021
2	Parkhi Mathur	Second Prize in poster presentation 2021 - Virtual conference ISPRP	10 January 2021
3	Manan Arora	First Prize in Essay writing competition - World no tobacco day conference 2021	31 May 2021
4	Annie John	Second Prize in Essay competition World no tobacco day conference 2021	31 May 2021
5	Parkhi Mathur	First Prize in paper presentation 2021 - Virtual conference 23rd IPS, PG convention Jaipur	4 July 2021
6	Sagar Reddy	First Prize in paper presentation 2021 - Virtual conference 23rd IPS, PG convention Jaipur	4 July 2021
7	Annie John	First in Scientific Oral Presentation. 49th IPS National Conference, at Chennai	5 December 2021
			
<b>Public Health Dentistry</b>			
1	Dr Lahari A	Best Poster award Screening of oral conditions in immunization campaigns to	10 January 2021

Sl. No.	Name	Details	Date
2	Dr Ananya Prabhu	increase awareness among caregivers and parents" Presented at IAPHD Colloquium Best Poster award in 25th National Conference, Indian Association Of Public Health Dentistry	21 November 2021
3	Dr Shreyasi Polley	Third Prize for poster presentation Virtual conference, organized by Indian Academy of Clinical and Dental Genetics.	27 November 2021



### Extra-Curricular Activities:

#### Sports Activities:

##### In Institution:

Sl. No.	Event	Details	Date(s)
1	Stayathlon	Three sets of point-based Online Fitness challenges which participants shared with the sports council via social media	15 June 2021
2	International Yoga Day	Conducted by MCOADS Alumni Dr Puri to teach us about the 12 asanas of the Sun Salutations.	21 June 2021



##### Inter Institution:

Sl. No.	Event	Details	Date(s)
1	Fit India Freedom Run	Marathon to celebrate India's Independence Day	4 September 2021

#### Cultural Activities:

##### In Institution:

Sl. No.	Event	Details	Date(s)
1	Launch of cultural clubs	Six clubs were launched: Naqsh (Art club), Noor (dance club), M-chords (music club), Elysian (literary club), mirage (photography club) Malang (dramatics club)	21 March 2021
2	Celebration to mark Independence Day	Malang, the dramatics club presented a street play, patriotic songs were rendered by the music club and the dance club presented all the regional dance forms of India to spread the message of national integration	14 August 2021



Sl. No.	Event	Details	Date(s)
3	Poove Poli Poove	Onam celebrations were held at the college premises with pookolam, onapattu and distribution of payasam to all faculty and students	20 August 2021
4	Deepavali celebrations	A traditional lamp lighting ritual was observed with all students and faculty	4 November 2021
5	Santa Calling	Christmas day celebrations were held by placing a Christmas tree, singing Christmas carols and distributing plum cakes to all.	24 December 2021

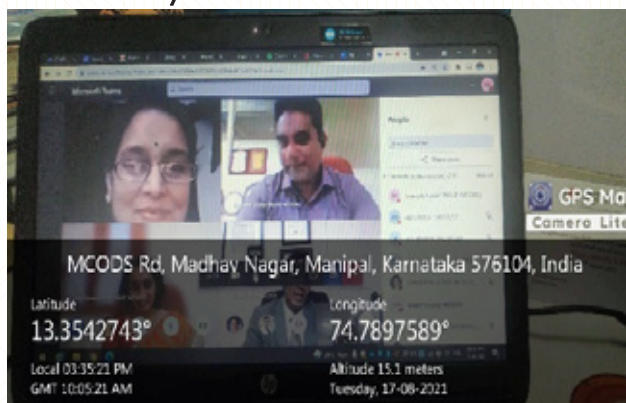


Inter Institution:

Sl. No.	Event	Details	Date(s)
1	Gunjan	MCODS students presented thematic concerts for the Gunjan online platform of MAHE. Dr Janani Rajesh presented a glimpse of the use of Carnatic ragas in Indian film music.	12 November 2021
2	Gunjan	MCODS students presented thematic concerts for the Gunjan online platform of MAHE. Dr Divyansh Sinha demonstrated how various moods and emotions can be conveyed using a piano	5 November 2021



Photo Gallery



Dr. Vineet Dhar Webinar



Eupheus 2021



Oral Pathologist Day



Oral Surgery Day



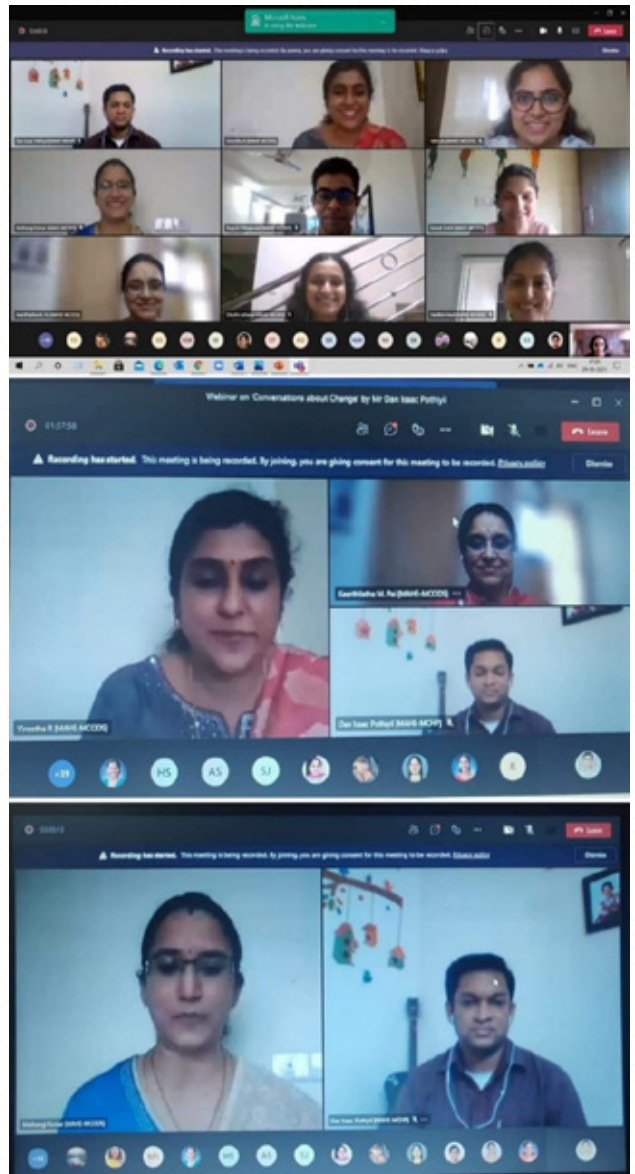
Roentgen day Photography prize distribution



Shreya Dhawan - Interactive session on "career guidance and practice management"



Srinivas Gosla Reddy - CPD program on craniofacial surgery



Mr Dan Isaac Pothiyil - Online Guest lecture

# Manipal College of Dental Sciences, Mangalore

Address: Light House Hill Road, Mangalore – 575 001

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Email-Office: codsmng@manipal.edu

Dean Email: dean.mcodsmnr@manipal.edu



Name of the Dean: **Dr Ashita Upoor**

Established: **1987**

## Details of Programs offered by the Institution:

- BDS (Undergraduate)

## MDS (Postgraduation in):

- Orthodontics and Dentofacial Orthopaedics
- Oral Pathology and Microbiology
- Periodontology
- Prosthodontics and Crown and Bridge
- Conservative Dentistry and Endodontics
- Oral and Maxillofacial Surgery
- Paediatric and Preventive Dentistry
- Oral Medicine and Radiology
- Public Health Dentistry

## Diploma:

- PG Diploma in Dental Materials

## Certificate program:

- Fellowship Program in Restorative Dentistry
- Certificate Course in CBCT
- Certificate Course in Modern Endodontic Practice
- Certificate Course in Forensic Odontology(blended)
- Certificate Course in Minor Oral Surgery
- Certificate course in Forensic Odontology (online)
- Certificate course in Micro implant anchorage

## Post MDS

- PhD Program


### About Institution/School:

The Manipal College of Dental Sciences (MCOADS), Mangalore was established in the year 1987. It has had the unique distinction of being the first dental institute in the country to be permitted to admit 100 students from the very first-year of inception, along with the simultaneous commencement of postgraduate degree programs. MCOADS, Mangalore offers undergraduate, postgraduate, diploma and certificate courses in different branches of dentistry. As an ISO certified institution (ISO 9001:2015, 14001:2015 and 50001:2015), it has endeavoured to meet the challenges of global recognition and is recognized by the Malaysian Dental Council and Sri Lanka Medical Council. MCOADS Mangalore provides an environment that is conducive to optimal patient care, learning and research with its infrastructure

that includes 311 dental chairs, state-of-the-art dental equipment and laboratories, centrally air-conditioned library, lecture halls and Continuing Dental Education (CDE rooms) with audio-visual aids, and access to the newer generation of dental materials that ensure optimal training in undergraduate and postgraduate training programs. The institute is also reputed for its international collaborations. The institute also has a mobile dental clinic with two automated dental units that help render treatment in areas with limited access to dental care. It has five rural satellite dental clinics also. Cone Beam Computed Tomography (CBCT) Machine with the latest software applications like 3D Face photo, 3D Model Scan, 3D Ortho Studios, Cephalometric analysis and ENT applications is the first of its kind in the country.

### Institutional Activities/Curricular Activities


#### New Initiatives:





Sl. No.	Activity	Particulars	Date(s)
<b>Administration</b>			
1	Bench Test Workshop 	Bench Test Workshop for students pursuing higher education abroad	6 September 2021 to 9 January 2022

b. All other activities in the department relating to the program/course:

Sl. No.	Activity	Particulars	Date(s)
<b>Administration</b>			
1	National Youth Day 2021	In regards to celebrate the national youth day and create awareness among the students of MCOADS Mangalore, the Dental Student's Association (DSA) of the college conducted various activities regarding Swami Vivekananda. The student's association also highlighted the teachings of Swami Vivekananda in their social media accounts known as Amalgamation - MCOADS. The activities included Painting/sketch/Portrait Competition, Poetry/Essay/Creative writing on the Life and Teachings of Swami Vivekananda.	12 January 2021
2	Parakram Diwas	To commemorate the 125th birth anniversary of Netaji Subhash Chandra	23 January 2021






Sl. No.	Activity	Particulars	Date(s)
3	Orientation Day for BDS Students 2021 with three sessions 	<p>Bose on 23 January 2021. "Sangam", a group of events were organized by the DSA 2020-21. Students from all batches of our college participated enthusiastically in all the events.</p> <p>MCOADS, Mangalore successfully conducted the "Orientation Day-2021" program for the newly enrolled students of the Bachelor of Dental Surgery (BDS) course on 16 February 2021. The inaugural program was graced by Dr Ashita Uppoor, Dean, MCOADS, Mangalore, Associate Deans Dr Premlatha Shetty and Dr Junaid Ahmed. Dr Arathi Rao, Deputy Director of Student Affairs; Hostel Chief Wardens, college faculty and the newly admitted students with their parents were also present for the program. The formal inaugural ceremony concluded with an interactive Q&amp;A session to clarify parents' doubts and the second session was held on 8 March 2021. Dr Sharanaya B Shetty and Dr Reshma N S from the department of Psychiatry spoke on "Awareness against substance abuse" and "Identifying stress and coping healthily" respectively. The Dental student council 2020-21 also conducted a session making the students aware of the various extracurricular activities and wellness clubs of MCOADS Mangalore.</p>	16 February 2021
4	National Road Safety Week	<p>Road Safety is a very important aspect of today's lifestyle and to provide the information to the present generation, DSA 2021 organised a Slogan writing competition to commemorate National Road Safety Week. Participants were asked to write a slogan so as to bring awareness about the basic mistakes that can be made and to help to reduce them. The event was conducted on 27 February 2021.</p>	27 February 2021
5	Azadi ka Amrut Mahotsav	<p>We got our Independence from the British Raj in 1947 and to celebrate the 75 years of Independence, DSA organised events to commemorate the brave heroes who were brave enough</p>	1 March 2021

Sl. No.	Activity	Particulars	Date(s)
6	National Dentist Day	to give up their lives on the battlefield to free our nation. Every year 6 March marks the day of recognition for all the dentists in the nation and to commemorate the dentists of our nation, DSA 2020-21 celebrated the day with their show of art and skill. The events organised for the students included Soap Carving and Dental Art and were on the theme of Dentistry. The participants went forward with the theme and produced a breathtaking display of soap carvings and Dental Art. These were later presented and showcased on the College Instagram page – Amalgamation.	6 March 2021
7	The Faculty Development Program  	The faculty development program “Be informed about informed consent” was held on 22 March 2021. The resource person was Dr Suresh Kumar Shetty, Associate Dean and Professor, Forensic Medicine, KMC Mangalore. It was held online on Microsoft Teams. The attendees were faculty and postgraduate students of MCODES Mangalore.	22 March 2021
8	MAHESRF Induction of Student Committee 2021-2022 	On 19 April 2021, the MAHE Student Research Forum (SRF) had an Induction ceremony for the Student Committee for 2021-22. The ceremony was attended by faculty and students of MCODES, Mangalore. Dr Arun Shanbhag, Chief Innovation Officer, MAHE-Manipal conducted an interactive session titled “Innovation: How to get started?” and gave insights, steps and guidance on innovation.	1 April 2021 to 30 April 2021
9	A to Z – Research 	On 10 April 2021, the MAHESRF, MCODES, Mangalore, had an event, addressing the first-year students of MCODES, Mangalore. They were introduced to MAHESRF and were given an insight about Research. (Quality Education -SDG 4).	10 April 2021
10	Guru Tegh Bahadur’s 400th Birth Anniversary	15 April marked the day of auspiciousness and celebration, as it was the 400th birth anniversary of the ninth of the ten Sikh gurus, Guru Tegh	15 April 2021


Sl. No.	Activity	Particulars	Date(s)
11	Induction Ceremony	<p>Bahadur. To celebrate his life, the college student council conducted an essay writing competition. The theme for the same was "Message and Life History of Guru Tegh Bahadur Ji". The event successfully gave a great insight into the life history of a great soul.</p> <p>MAHESRF had an Induction Ceremony for the student committee for the tenure of 2021-2022. The ceremony was attended by faculty and students of MCODES, Mangalore</p>	19 April 2021
12	Open Mic 3.0	<p>They say that the best showcase of talent is always live and what better way than to show the talent on an Open Mic Night, organised by DSA 2020-21 on 2 May 2021. The event was conducted to showcase the wide variety of talent that the students of MCODES Mangalore possess and bring them all centre stage.</p>	2 May 2021
13	Virtual Alumni Reunion of 1988 Batch	<p>A virtual reunion was held of the Alumni batch of 1988. Around 25 Alumni from various parts of the world enthusiastically participated in the virtual get-together on 7 May 2021</p>	7 May 2021
14	<p>Webinar on "One Step at a time" Communication</p> 	<p>A wellness webinar by the name of "One Step at A Time", an interactive session on how to cope with your mental health in this pandemic was organised by Institutional Academic Reputation Cell, MCODES Mangalore and Student Council, KMC of 2021-22. The speaker for the event was Mr Mahesh B S, Clinical Psychologist at KMC Mangalore.</p>	10 May 2021
15	Ideation Competition	<p>On 19 May 2021, MAHESRF, MCODES- Mangalore conducted the Ideation Competition. The event was conducted online on MS Teams. Four teams were declared equal winners. The teams were judged by Dr Arun Shanbhag, Chief Innovation Officer, MAHE, Dr Nidhin Phillip, Associate Professor, Department of Orthodontics and Dentofacial Orthopaedics, MCODES- Mangalore and Dr Sandhya Kini, Professor and HOD of Department of</p>	19 May 2021

Sl. No.	Activity	Particulars	Date(s)
16	Literature Club – Dead Poets Society	<p>Endodontics and Conservative Dentistry, MCOODS-Manipal.</p> <p>The club has encouraged a lot of students to take part in many activities. The club currently has more than 50 active participants. Various literature events were conducted throughout the year. Events such as Saqafat, Writers Corner, Lyricized Literature, Word Search and comforting characters were conducted.</p>	1 June 2021 to 30 June 2021
17	Out and Proud	<p>DSA 2020-21, For DISHA and in collaboration with Queer Space Saga, an LGBTQ association based in Mangalore, an entertaining night of Housie on 13 June 2021. The host for the event was Dr Aiman Abbasi from the batch of 2016. Around 75 students joined enthusiastically and participated to get a chance to win prizes from our sponsors for the event: Dr Glutton, Cheap Potato Store and La Pluie.</p>	13 June 2021
18	Treasure Hunt	<p>The 19 June marks an important date in the event calendar of MCOODS Mangalore and DSA 2020-21 in association with DISHA as it organised the Virtual Treasure Hunt – an event which included the use of various internet resources to lead the students to the treasure. The event saw the participation of 85 teams which included the present students, the Staff Members and the Alumni of MCOODS Mangalore, the proceeds from which would go to Queer Space Saga – an LGBTQ organisation based in Mangalore to provide them with sanitary products. The event mainly focused on giving memories of a place where they have been staying for their higher education and also considered a second home for some people. It also served the purpose of uncovering new landmarks which were previously not known to the participants.</p>	19 June 2021

Sl. No.	Activity	Particulars	Date(s)
19	Yoga Day 2021 	A program titled “An introduction to yoga” was conducted for first-year BDS students on 25 June 2021 to commemorate Yoga Day. The session was conducted on Microsoft Teams by Dr Dhanashree B, Associate Professor, Department of Microbiology, KMC Mangalore	25 June 2021
20	Photography Club – Blinking Aperture	MCOADS Photography club is a platform to bring together like-minded people and share knowledge about the art and science of Photography. The club organises activities that give a chance to learn photography, utilise their camera to the fullest and become sensitised to the world around them. Fun activities and club discussions were organized. Activities such as Wallpaper Wednesdays, and photography challenges based on theme and theme discussions. Discussions were held on topics like light trails, editing software and portrait and landscape settings.	1 July 2021 to 31 July 2021
21	Institutional Academic Reputation Cell(IARC) programme: Institutional Committee for Stem Cell Research: Guidelines and Screening Procedures for Protocols”.  	Dental Education Unit under Institutional Academic Reputation Cell (IARC), MCOADS, Mangalore organised a Faculty Development Program titled “Institutional Committee for Stem Cell Research: Guidelines and Screening Procedures for Protocols”. This webinar program was held through Microsoft teams. The resource person was Dr Manasa Nune (Assistant Professor in Manipal Institute of Regenerative Medicine (MIRM) and Member Secretary for the Institutional Committee for Stem Cell Research (IC-SCR) of MIRM, MAHE) and Dr Gopal Pande, Dean of School of Regenerative Medicine, MAHE. The resource persons explained the key regulatory points governing stem cell research.	2 July 2021
22	Literature Search Strategies and Narrative Review  	The MAHESRF, MCOADS, Mangalore, had conducted an event open to all faculty, postgraduates and students of MCOADS, Mangalore. The webinar was accredited one Continuing Dental Education (CDE)	23 July 2021

Sl. No.	Activity	Particulars	Date(s)
		Point by the Karnataka State Dental Council	
23	9th MRM and AQAR meeting Held on 29 July 2021	The 9 <sup>th</sup> Management Review Meeting (MRM) and Annual Quality Assessment Review (AQAR ) meeting was held on 29 July 2021	29 July 2021
24	Decoding NEET–PG 2021 (MCOADS, Mangalore Panel Discussion)	MAHESRF and Alumni Relations, MCOADS, Mangalore had conducted an event open to the current Intern Batch of MCOADS, Mangalore	19 August 2021
25	Dentistry in Canada- The Whole Picture 	Institutional Academic Reputation Cell, MCOADS, Mangalore in association with Alumni relations MCOADS, Mangalore organized a Career guidance program titled “Dentistry in Canada - The whole Picture”. This webinar program was held through Microsoft teams. The resource person was Dr Pallak Razdan, Alumna, MCOADS, Mangalore (batch of 2012). Dr Pallak explained the process of pursuing dental programs in Canada. The program was attended by 50 participants which included interns, postgraduate, and faculty from MCOADS, Mangalore	25 August 2021
26	Orientation for the Interns 	Orientation for the Interns of the batch of 2016 was conducted with instructions on ethics, protocols, and infection control.	3 September 2021
27	Teacher’s Day Celebration	Every year 5 September, marks the day of recognition for all the teachers in the nation and to commemorate all the teachers of our college. DSA 2020-21 showed their love and respect to the teachers and professors by gifting them a bamboo sampling. The members of DSA 2020-21 gifted the samplings to our college Dean, Associate deans and all the HOD of every department.	5 September 2021
28	Cyber Security: Significance and Implications 	The Institutional Academic Reputation MCOADS, Mangalore organized a faculty development program titled “Cybersecurity: Significance and Implications” on 27 September 2021. This webinar program was held through Microsoft teams. The resource persons were Dr Poornima Kundapur	27 September 2021



Sl. No.	Activity	Particulars	Date(s)
29	Daan Utsav – Seva Ka Naman	(Associate Professor, Department of Computer Applications, MIT, MAHE) and Ms Pranitha K S (Product Security specialist and Certified Ethical Hacker, SAP Labs). The program was attended by 57 participants, including faculty and postgraduates from MCOADS, Mangalore, Faculty from MCOADS, Manipal, and MIT. Daan Utsav is celebrated every year from 2 to 8 October. It is one of India's biggest festivals of giving during which people come together and perform acts of kindness by giving their time, material or money in interesting ways. DSA 2020-21 celebrated Daan Utsav by distributing umbrellas to the security guards of our college who work in full force and put an all-out effort to safeguard and protect the college and the students. The umbrellas were handed over to them by our dean Dr Asitha Uppoor ma'am and associates deans Dr Premalatha ma'am and Dr Junaid Ahmed sir along with Mr Harish Chandra.	2 October 2021 to 8 October 2021
30	Plastic Waste Management Awareness 	Under the banner of Azadi ka Amrit Mahotsav, MCOADS Mangalore conducted the Swachhata Hi Sewa awareness event about plastic waste management on 22 October 2021. A much-needed initiative to phase out single-use plastics and raise awareness against them was carried out in the college. A PowerPoint presentation was also used to give more detailed and descriptive information. The plastic waste management amendment rules 2021 were highlighted during the awareness program. The types of single-use plastic materials that have been banned were also discussed among the audience.	22 October 2021
31	Clean India Program 	Clean India program—on 22 October 2021 at MCOADS Mangalore. Clean India program an event organized by the Department of Youth Affairs was conducted on 22 October 2021 at MCOADS Mangalore. An attempt to	22 October 2021

Sl. No.	Activity	Particulars	Date(s)
		sweep away waste, especially single-use plastic and maintain our surroundings was carried out in the college. A good amount of time was spent with all the student staff and supporting staff ready with their gloves to pick up the little bits of waste from surrounding areas. Needless to say, there was active participation from the students, staff and the supporting staff to conduct the cleanliness drive. This initiative raised awareness about the harm single-use plastic has done to our environment. The event both raised awareness and cleaned our surroundings leaving both students and staff with a zeal to carry out many more events such as these.	
32	Score 3.0 	MAHE-SRF had hosted their very first virtual international student conference for all healthcare undergraduates. The conference had enthusiastic participation from international colleges as well as colleges from all over India.	27 October 2021 to 29 October 2021
33	Orientation Day for Postgraduate Students Professionalism 	Orientation for the postgraduate students of the batch of 2021 was conducted with instructions on rules and regulations, dissertation writing, ethics, infection control, patient management protocols and a holistic approach to learning on 18 November 2021	18 November 2021
34	Constitution Day	Constitution Day was celebrated on 25 November 2021 with enthusiastic participation from the students. Students were asked to design and submit an e-poster based on the theme "Constitution of India".	25 November 2021
35	Bench Test Workshop 	A Workshop titled – "Bench Test Workshop 2021". The target audience for the program were the interns of our institution who are interested to pursue a dental career abroad.. The workshop was held in a hybrid mode that included the online platform Microsoft Teams for presentation and Hands-On exercise in our simulation clinics.	6 December 2021 to 9 December 2021



Sl. No.	Activity	Particulars	Date(s)
<b>Conservative Dentistry and Endodontics</b>			
1	Certificate Awarding Ceremony of Fellowship Program in Restorative Dentistry	A Certificate awarding ceremony for the fellowship program in Restorative Dentistry to the candidates of the 2019-20 Batch was held on 26 February 2021 at Medical Education Hall, KMC, Mangalore by Dr Dilip G Naik, Pro Vice Chancellor, MAHE, Manipal	26 February 2021
2	Cons-Endo Day 2021 	Department of Conservative Dentistry and Endodontics, MCOODS, Mangalore in association with the Indian Association of Conservative Dentistry and Endodontics (IACDE) conducted an inaugural program for the celebration of "CONS-ENDO DAY", 2021 on 5 March 2021. Dr Ashita Uppoor, Dean, MCOODS, Mangalore inaugurated the program. E-poster competition, Quiz and Table clinic were conducted as a part of this event. The theme for this event was "The New Normal".	5 March 2021
3	Basic Recap 2021 	Basic Recap a two-day Symposium was conducted on 22 and 23 April 2021 in the MCOODS, Mangalore, association with the Association of Conservative Dentists and Endodontists Karnataka. The program consisted of 16 guest lectures on various basic topics by stalwarts in the subjects from KMC, Mangalore and MCOODS, Mangalore.	22 April 2021 to 23 April 2021
4	CDE Program on "Smile Correction and Post Endo Restorations Made Simplified, Predictable and Quick" 	Continuing dental education program titled "Smile Correction and Post Endo Restorations Made Simplified, Predictable and Quick" was held on 29 April 2021. Dr Prathik Patel, a private practitioner holding Aesthetic-Restorative workshops in his own private academy "A2Z Dental Academy" in Gandhinagar, was the resource person for the program.	29 April 2021
<b>Oral and Maxillofacial Surgery</b>			
1	Continuing Professional Development Webinar on Orthognathic Surgery and Distraction Osteogenesis for Dentofacial Deformities	The Department of Oral and Maxillofacial Surgery in association with Alumni Relations MCOODS Mangalore (ARMCODS) conducted a Continuing Professional Development Webinar on Orthognathic Surgery and Distraction Osteogenesis for Dentofacial Deformities on 13 February 2021 on	13 February 2021











Sl. No.	Activity	Particulars	Date(s)
	 	the occasion of Oral and Maxillofacial Surgery Day. The resource persons were Dr (Col) Vivek Saxena Senior Specialist and Head of Department, Oral and Maxillofacial Surgery, ADC (R & R), New Delhi and Dr (Lt Col) Mohit Sharma, Classified Specialist and Associate Professor, Orthodontics and Dentofacial Orthopaedics, ADC (R & R), New Delhi. The program was well attended with more than 60 participants including Students, Faculty and Alumni.	
2	Lecture series on Artificial Intelligence and Robotics in Oral Cancer: New Horizons in Cancer Research  	The Department of Oral and Maxillofacial Surgery in association with Shastri Indo Canadian Institute conducted a Lecture series on Artificial Intelligence and Robotics in Oral Cancer: New Horizons in Cancer Research on 26 February 2021. The resource person was Dr Vishal Rao, Associate Dean, HCG hospital Bengaluru and Dr Akshay Kudpaje, Department Head, Minimally Invasive Head and Neck surgery HCG Hospital, Bengaluru. The speakers shared their experience on Artificial Intelligence: The new buzzword in Head and Neck Cancer and discussed the role of robotic surgeries in head and neck cancer. The program was appreciated and was attended by 120 national and international participants.	26 February 2021
3	Workshop on Sialendoscopy  	Obstructive Salivary Gland Disorders – Preconference Workshop on Sialoendoscopy on 1 December 2021	1 December 2021
<b>Oral Medicine and Radiology</b>			
1	Systematic Review: An Overview  	Department of Oral Medicine and Radiology and Alumni Relations MCOADS, Mangalore organized a continuing dental education program titled “Systematic Review: An Overview”. This webinar program was held through Microsoft teams. The resource person was Dr Shivi Khattri, Alumnus of MCOADS, Mangalore (Batch	25 June 2021




Sl. No.	Activity	Particulars	Date(s)
		Of 2004). With five Cochrane reviews to her credit, she provided insightful information about the overall process of systematic reviews.	
2	Orofacial Pain: An Overview – Dr Saranya	The Department of Oral Medicine and Radiology in association with Alumni Relations MCOADS, Mangalore organized alumni meet for postgraduate students of Oral Medicine and Radiology, titled “ALUMNI MEET 1.0” on 24 July 2021. This meet was conducted through the Microsoft team’s platform. The meeting began with an informal and friendly conversation between staff and alumni. The master of ceremony (Dr. Nandita Shenoy) initiated the official beginning of the meet for the day, followed by an introduction to the Department of Oral Medicine and Radiology in the new-normal era of the COVID pandemic by Dr Ravikiran Ongole through a short presentation	24 July 2021
	 		
3	World Radiology Day	Department of Oral Medicine and Radiology celebrated World Radiology Day on 8 November 2021. The organizing committee conducted a selfie and Pedagogy contest and students from various colleges participated enthusiastically. The selfie contest was themed “Radiation and Radiology”. Both undergraduate and postgraduate students participated in this contest.	8 November 2021
	  		
<b>Oral Pathology and Microbiology</b>			
1	International Webinar on Forensic Odontology	The Centre for Forensic Odontology, A collaborative unit of MCOADS, Mangalore and Department of Forensic Medicine KMC, Mangalore conducted a webinar titled “Identification and Dental practice - A Medico-Legal and Forensic Approach” by Professor Ana Corte-Real Gonçalves PhD, University of Coimbra, Professor at the Faculty of Medicine (FMUC) Master in Forensic Medicine and Forensic Sciences, coordination member of the Specialization Course in Health Management and Direction at the	23 January 2021
	 		

Sl. No.	Activity	Particulars	Date(s)
		University of Coimbra on 23 January 2021. The session was attended and appreciated by many participants	
<b>Orthodontics and Dentofacial Orthopaedics</b>			
1	Ortho Club – An interdisciplinary discussion forum 	The Department of Orthodontics and Dentofacial Orthopaedics, MCOADS, Mangalore successfully conducted the third webinar session of the Ortho Club series on 15 January 2021. The topic of discussion was “Orthognathic Surgical Management of Skeletal Class III malocclusion – Adjunctive clinical considerations”. The resource person for the session was Dr Salil Nene, Professor at M A Rangoonwala College of Dental Sciences, Pune and Director, Indian Board of Orthodontics. The panellists were Dr Abhay Kamath, Professor and Consultant Oral and Maxillofacial Surgeon, KMC Hospital, Attavar and Dr Thomas Joe, Consultant Plastic Surgeon, KMC, Mangalore	15 January 2021
2	Current Trends in Oral Research 	The Department of Orthodontics and Dentofacial Orthopaedics, MCOADS, Mangalore successfully conducted the fourth academic webinar session of the Ortho Club series on 19 March 2021. The topic of discussion was “Current Trends in Oral Research”. The Resource Person for the session was Dr Sreenath Madathil, Assistant Professor, Faculty of Dentistry, Mc Gill University, Canada, Dr Bhadri Thiruvengkatachari University of UK and Dr B Unnikrishnan, Additional Dean and Professor, Department of Community Medicine, KMC, Mangalore.	19 March 2021
3	Ortho Club – An interdisciplinary discussion forum- “Orthodontic Recap” 	The Department of Orthodontics and Dentofacial Orthopaedics, MCOADS, Mangalore successfully conducted the fifth webinar session of the Ortho Club series on 21 May 2021. The topic of discussion was “Orthodontic Recap”. The resource persons for the session were Dr G Sreejith Kumar, Professor and Head, GDC Trivandrum, Dr Shobha Sundareswaran, Professor and Head, GDC Calicut and Dr S Gowri	21 May 2021

Sl. No.	Activity	Particulars	Date(s)
4	Dr Surendra Shetty-Dr Subraya Mogra" - Endowment Oration 	Sankar, Professor, Narayana Dental College, Nellore. The second "Dr V Surendra Shetty – Dr Subraya Mogra Endowment Oration" was hosted by the Department of Orthodontics and Dentofacial Orthopaedics, MCOODS, Mangalore in association with the MCOODS Mangalore Orthodontic Alumni Association (MMOAA) on 5 July 2021-. The guest orator was Dr. Om Prakash Kharbanda, a world-renowned academician, educator and researcher. He currently serves as the Head, Division of Orthodontics and Dentofacial Deformities and Director, WHO Collaborating Centre. The topic of the oration was "Has <b>Mini-Screw Implants</b> (MSI). changed the orthodontic world? Cases: Biology: Evidence: Future". Dr Kharbanda spoke extensively on how the use of MSI has revolutionized orthodontics by allowing complex tooth movements to be carried out with ease. The presentation was full of challenging cases that were successfully treated by the speaker which were backed by a plethora of relevant research.	5 July 2021
5	Ortho Club Series 	Sixth online seminar session of the Ortho Club series on 22 October 2021. The topic of discussion was "Management of Class III Malocclusions-The road less travelled". The resource person for the session was Dr Sasil Poonnen, a graduate of the MCOODS (PG Batch of 1987) and Former Adjunct Faculty, University of Sharjah.	22 October 2021
1	Paediatric and Preventive Dentistry Pedoapp2021: BDS Possibilities and Beyond and Virtual Pedo Alumni Meet 	A webinar titled "Pedoapp 2021: The Tongue, Tooth, Jaw and Whole Body Connection A Changing Era of Preventive Paediatric Dentistry" by the Department of Paediatric and Preventive Dentistry, MCOODS, Mangalore on 18 August 2021 by Dr Shifa Shamsudeen is known for her expertise in the management of Tongue	18 August 2021

Sl. No.	Activity	Particulars	Date(s)
2	Pedoapp-2021 And Virtual Pede Alumni Meet 	Tie, Sleep-disordered breathing and Myofunctional Therapy. She has received training from universities in Australia and the USA. Pedoapp2021: BDS Possibilities and Beyond and Virtual Pede Alumni Meet by the Department of Paediatric and Preventive Dentistry, MCOADS, Mangalore on 13 November 2021 by Dr Nachiket Shah an alumnus of the 2014 PG batch at the department of Paediatric and Preventive Dentistry, MCOADS, Mangalore, is now a well-established private practitioner at Pearl Smylz Dental Clinic at Mumbai. He spoke on the merits of private practice and salient features in private practice management.	13 November 2021
<b>Periodontology</b>			
1	CDE program on "Amendments in Dental practice for COVID-19 Era" 	The department of Periodontics in association with ARMCODS Mangalore hosted a CDE program on "Amendments in Dental practice for COVID-19 Era" on 16 April 2021 virtually. The resource person for the program was Dr Neelesh Singh, PG alumnus of MCOADS Mangalore (Batch of 2013). Keeping in mind the current pandemic, the session looked into the dos and don'ts to follow in a clinical setting.	16 April 2021
2	Oral Hygiene Day 2021 	The department of Periodontology, MCOADS, Mangalore commemorated the "Oral Hygiene Day" on 1 August 2021 and an e-poster competition was organized for the UG students of MCOADS, Manipal and Mangalore. The topic of the e-poster competition was "Relevance of Oral Hygiene Amidst Pandemic." The judges for this event were Dr Kalyan Chakravarthy, Associate Professor, Department of Public Health Dentistry, MCOADS, Manipal and Dr Ramya Shenoy, Department of Public Health Dentistry, MCOADS, Mangalore.	1 August 2021
3	Decoding Dental Diode Laser" 	The department of Periodontology, MCOADS, Mangalore, in association with Dentsply Sirona, conducted a	13 October 2021

Sl. No.	Activity	Particulars	Date(s)
	 	hands-on workshop on the topic “Decoding Dental Diode LASER”	
<b>Prosthodontics and Crown and Bridge</b>			
1	Hands-on Workshop  	The department of Prosthodontics, MCOADS, Mangalore organised a lecture and hands-on workshop by Mr Sumit Mahapatra, Head of ICDE (Technical) India and ISC. The workshop was well attended with 19 participants from the departments of Prosthodontics and Conservative Dentistry.	4 March 2021 to 5 March 2021
2	The other side of COVID-19 and its implication in Dentistry  	The department of Prosthodontics, MCOADS, Mangalore conducted, Webinar on 10 July 2021. The resource person was Dr Rohan Bandi–Alumnus–MDS Batch of 2012.	10 July 2021
3	Workshop on “Digital Workflow in CAD-CAM”.  	The department of Prosthodontics, MCOADS, Mangalore in collaboration with Dentsply Sirona, India organized a workshop on “Digital Workflow in CAD-CAM”. The resource person for the program was Dr Johnson Bandi (key opinion leader Dentsply Sirona). The speaker shared his in-depth knowledge of various techniques and concepts necessary for the fabrication of implant-supported CAD-CAM crowns and bridges. He took extra interest in training the staff, postgraduates and the technicians of our department. The workshop was well attended by 24 participants which included staff, postgraduate students and technicians.	9 August 2021 to 10 August 2021
4	Workshop-Style Italiano  	The department of Prosthodontics, MCOADS, Mangalore in collaboration with 3M India, organized a workshop titled Style Italiano on 9 September. The resource person for the workshop was Dr Manikya Arabolu. During the workshop, Dr Manikya spoke about the importance of the style Italiano concept and gave a live demonstration of the composite build-up with the style	9 September 2021

Sl. No.	Activity	Particulars	Date(s)
5	Career Guidance Webinar 	<p>Italiano concept. The workshop was well-received by all the participants.</p> <p>The department of Prosthodontics, MCOADS, Mangalore organized a career guidance webinar on 2 November 2021. The webinar was focused on the Australian Dental Council (ADC) exam that enables a dental graduate from India to practice in Australia. The resource person for the same was Dr Nikita Batra, BDS and MDS Alumna (Batch of 2008 and 2014) and Australian Dental Council(ADC) graduate (2019). During the webinar, Dr Nikita gave an insightful description of the exam process with examples from her own experiences. She clarified the participants' doubts in the Q&amp;A session clearly and concisely. The webinar was well received by the participants.</p>	2 November 2021
<b>Public Health Dentistry</b>			
1	Tools and Tips to Conduct Systematic Review 	<p>A webinar titled - "Tools and Tips to Conduct Systematic Review" was organized by the Department of Public Health Dentistry, MCOADS, Mangalore on 27 May 2021. The resource persons for the program were Alumna MCOADS, Mangalore Batch 2011, and Dr Monika Bhuma Reddy who discussed various tools related to conducting systematic review and meta-analysis.</p>	27 May 2021
2	World No Tobacco Day 	<p>The Department of Public Health Dentistry, MCOADS, Mangalore, in association with District Health and Family Welfare Services, Dakshina Kannada District, Mangaluru; District Tobacco Control Cell, and Dakshina Kannada, Mangaluru; Alumni Relations Manipal College of Dental Sciences (ARMCODS), Mangalore, and DSA 2021 conducted various activities related to World No Tobacco Day 2021 on 31 May 2021. A webinar was organized to address various issues related to tobacco use. Dr Harsh Priya, who is an Alumna, MCOADS, Mangalore, Associate Professor, AllMS,</p>	31 May 2021





Sl. No.	Activity	Particulars	Date(s)
3	Oral Health - A Global Health Perspective 	New Delhi and Dr Hanumantharayappa, District Consultant, National Tobacco Control Program (NTCP), District Tobacco Control Cell, Mangalore were the resource persons The Department of Public Health Dentistry, MCOADS, Mangalore, in association with ARMCODS, commemorated the “National Public Health Dentistry Day 2021” on 18 June 2021. The guest speaker for the webinar was Dr Apoorva Anand, who is an undergraduate Alumna, MCOADS, Mangalore, a batch of 2013. She is currently employed as Project Manager, Research Institute of McGill University Health Centre (RI-MUHC), Montreal, Canada.	18 June 2021
4	Bench Test Preparation (Canadian Dental Schools) 	A webinar titled - “Bench Test Preparation” (Canadian Dental Schools) was organized by the Department of Public Health Dentistry. The resource persons for the program were Alumnus MCOADS, Mangalore Batch 2012, and Dr Viral Mehta who discussed the process to pursue Doctor of Dental Surgery (DDS) in Canada. He also stressed bench test preparation and its importance for the DDS admission into various Canadian Dental Schools	25 September 2021
5	eviDENS-2021 	A workshop on Research Methodology, Epidemiology, Biostatistics and Ethics titled - “eviDENS–2021” was organized by the Department of Public Health Dentistry, MCOADS, Mangalore on 13 and 14 December 2021. The target audience for the program was first-year postgraduate students. A total of 48 participants participated in the program, which included postgraduate students and faculty members from MCOADS, Mangalore and Manipal and other dental colleges in India. The workshop was held on the online platform Microsoft Teams. The	13 December 2021 to 14 December 2021

Sl. No.	Activity	Particulars	Date(s)
6	Dr Soben Peter Memorial Lecture	Karnataka State Dental Council has credited 13 points to this CDE Program A webinar honouring the legacy of Professor Late Dr Soben Peter on his birthday was organized by the Department of Public Health Dentistry, MCOADS, Mangalore on 20 December 2021. A total of 54 participants participated in the program, which included Late Dr Soben Peter's wife Mrs Beetha Soben, Mr Sudhir Kumar Arya, Publisher of Essentials of Public Health Dentistry, postgraduate students and faculty members from MCOADS, Mangalore and Manipal and other dental colleges of India. The webinar was held on the online platform Microsoft Teams. The Karnataka State Dental Council has credited two points to this CDE program	20 December 2021



#### Details of Guest Visit (lectures, collaboration, visitors on campus)

##### Guest Lectures:

Sl. No.	Visitor	Name of the Organization	Purpose of Visit	Date of Visit
<b>Administration</b>				
1	Dr Mala Kamboj, MDS, Mangalore Oral Pathology	Alumni of MCOADS	Dr Mala Kamboj, a PG Alumnus of the Department of Oral Pathology and Microbiology, MCOADS, Mangalore visited the Dental College along with Dr Jiji George, an alumnus of MCOADS, Manipal on 12 October 2021	12 October 2021 to 10 October 2021
				
2	Dr Prashanth Pillai	Vice Chancellor of Ram Krishna Dharmarth Foundation (RKDF) University, Bhopal, Madhya Pradesh	Dr Prashanth Pillai, alumnus batch of 1990 is presently the Vice Chancellor of RKDF University, Bhopal, Madhya Pradesh.	3 December 2021 to 3 March 2022
				

##### Details of Publications:

National		International	
Indexed	Non - Indexed	Indexed	Non - Indexed
35	2	83	3

**Conferences attended by Institution faculty and students:**

Faculty		Student	
National	International	National	International
22	9	51	16

**Details of Conferences/Workshops conducted by the Institution:**

Particulars	National	International
Conference	1	1
Workshop	6	2
Seminar	22	10
Other	1	0

**Books/chapters authored by faculty members:**

Sl. No.	Name of the Book	Chapter(s) name (if authored, chapters only)	Faculty members	Publisher	Date
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**Oral Medicine and Radiology**

1	Text Book of Oral Medicine, Oral Diagnosis and Oral Radiology, (Books Edited)	3rd edition, ISBN No: 978-81-312-5716-6,	Dr Ravikiran Ongole	Elsevier (RELX)India Pvt Ltd.	1 April 2021
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**Oral Pathology and Microbiology**

1	Fundamentals of Periodontology and Oral Implantology/Cementum/(Chapters in Book)	ISBN-978-81-312-6185-9 E-isbn-978-81-312-6186-6 Elsevier 2021	Dr Srikant N	Elsevier/2021	1 August 2021
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**Paediatric and Preventive Dentistry**

1	Essentials of Public Health Dentistry. Chapter names: Pit and Fissure Sealants; Fluorides	978-81-86809-99-0 7th Edition Arya Medical Publishers	Dr Arathi Rao	Elsevier/2021	1 August 2021
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2	Book Name: Fundamentals of	9788131261859 Elsevier	Dr Suprabha B S	Elsevier/2021	1 August 2021
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Sl. No.	Name of the Book	Chapter(s) name (if authored, chapters only)	Faculty members	Publisher	Date
	Periodontology and Oral Implantology, Chapter name: Periodontal Diseases in Childhood and adolescents, pp. 237-245				
					
<b>Periodontology</b>					
1	Fundamentals of Periodontology and Oral Implantology/ 1. Age-related changes in the periodontium/Pg. No. 30-34/ 2. Determination of prognosis/Pg. No. 339-344(Chapters in Book)	3rd Edition, ISBN-978-81-312-6185-9 E- isbn-978-81-312-6186-6	Dr Dilip G Naik	Elsevier/2021	1 September 2021
					
2	Fundamentals of Periodontology and Oral Implantology/infection control/576-584 (Chapters in Book)	ISBN-978-81-312-6185-9 E- isbn-978-81-312-6186-6 Elsevier 2021	Dr Mranali K Shetty	Elsevier/2021	1 August 2021
					
3	Fundamentals of Periodontology and Oral Implantology (Books Edited)	3rd Edition, ISBN-978-81-312-6185-9 E- isbn-978-81-312-6186-6	Dr Dilip G Naik Dr Ashita S Uppoor, Dr Sangeeta U Nayak	Elsevier/2021	1 August 2021
					
4	Fundamentals of Periodontology and Oral Implantology/1. Dental	ISBN-978-81-312-6185-9 E-	Dr Ashita Uppoor	Elsevier/2021	1 August 2021

Sl. No.	Name of the Book	Chapter(s) name (if authored, chapters only)	Faculty members	Publisher	Date
	calculus/Pg.no 83-88/2. Periodontal pocket/Pg. No. 246-253/2. Periodontal splints/451-454 (Chapters in Book)	isbn-978-81-312-6186-6			
					
5	Fundamentals of Periodontology and Oral Implantology/Halitosis/Pg. No. 292-297 (Chapters in Book)	ISBN-978-81-312-6185-9 E-isbn-978-81-312-6186-7 Elsevier/2021	Dr David K	Elsevier/2021	1 August 2021
					
6	Fundamentals of Periodontology and Oral Implantology/1.Clinical features of gingivitis/190-200/2. infection control/576-584/3. Age-related changes in the periodontium/Pg. No. 30-34/ 4. Determination of prognosis/Pg. No. 339-344/5. Periodontal pocket/Pg. No. 246-253. (Chapters in Book)	ISBN-978-81-312-6185-9 E-isbn-978-81-312-6186-6 Elsevier/2021	Dr Sangeeta Nayak	Elsevier/2021	1 August 2021
					
7	Fundamentals of Periodontology and Oral Implantology/Periodontal ligament/Pg. No 9-16. 2. Gingival surgical procedures/461-467 (Chapters in Book)	ISBN-978-81-312-6185-9 E-isbn-978-81-312-6186-6 Elsevier/2021	Dr Neetha J Shetty	Elsevier/2021	1 August 2021

Sl. No.	Name of the Book	Chapter(s) name (if authored, chapters only)	Faculty members	Publisher	Date
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8	Fundamentals of Periodontology and Oral Implantology/ Periodontitis chronic, refractory, necrotizing ulcerative/261-268. 2. supportive periodontal treatment/585-588 (Chapters in Book)	ISBN-978-81-312-6185-9 E- isbn-978-81-312-6186-6 Elsevier/2021	Dr Deepa G Kamath	Elsevier/2021	1 August 2021
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#### Details of Research Grants:

Sl. No.	Project Name	Principal Investigator	Funding Agencies	Total Grants Received (INR)	Date(s)
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#### Public Health Dentistry

1	A community survey on self-reported oral health measures among adults of Koila Village, Karnataka	Dr Sushma Rao, Dr Ramya Shenoy	Rotary Club, Puttur	10,000.00	1 December 2021 to 31 December 2021
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2	Impact of COVID-19 on accessibility to dental health services among adult patients in Koila, Karnataka – A qualitative study	Dr Aishwarya, Dr Ramya Shenoy	Rotary Club, Puttur	10,000.00	1 December 2021 to 31 December 2021
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3.	Sexual dimorphism in the shape of the human premolars and molars: a	Dr Srikant N, Dr Junaid Ahmed	SERB	1,37,500.00	16 February 2021
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Sl. No.	Project Name	Principal Investigator	Funding Agencies	Total Grants Received (INR)	Date(s)
	3D geomorphometric analysis 				
4.	Analysis of the differential response of human gingival fibroblasts and evaluation of the bacterial activity of surface characterized Titanium healing abutments using a physical sputtering method 	Dr Akshara Bajaj, Dr Umesh Pai	ITI	88,000.00	28 July 2021
5.	Comparative evaluation of the Cytotoxic effect of Dual cured cement on human gingival fibroblasts and its effect on the nature of the collagen: An Invitro Study 	Dr Amrita Bellap, Dr Umesh Pai	ITI	35,000.00	28 July 2021
6.	Efficacy of medicinal herbal tea on smoking cessation: a randomized controlled trial 	Dr Aparna K S	IAPHD (Indian Association of Public Health Dentistry)	20,000	20 December 2021
7.	Impact of COVID-19 on Accessibility to Elective Dental Care among Older adults -A qualitative study 	Dr Mridula Jain Dr Boothapaty Faith Rana Jason, Dr Ramya Shenoy Kudpi	IAPHD (Indian Association of Public Health Dentistry)	5,000.00	20 December 2021

Sl. No.	Project Name	Principal Investigator	Funding Agencies	Total Grants Received (INR)	Date(s)
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#### Awards/Recognitions:

#### Institution (including "The Best Teacher Award" for the year)

Sl. No.	Name	Details	Date
<b>Administration</b>			
1	NIRF 2021 RANKING	MCODS, Mangalore is ranked number seventh in the NIRF 2021 ranking conducted by the MHRD, Government of India	9 September 2021
2	College with a higher number of participants	College with the highest number of participants in the National Level Essay Competition on "Innovative Ideas In Green Dentistry" and Catchy Caption Competition on "Green Dentistry", conducted by Indian Dental Association, Thiruvalla Branch in association with Pushpagiri College Of Dental Sciences, Thiruvalla	5 July 2021
3	India Today (MDRA Survey-Best Colleges of India-2021)	MCODS, Mangalore is ranked number ninth (Overall) and number second (among Private Dental Colleges) in India Today Top Dental College Ranking 2021	5 July 2021
4	THE WEEK-Hansa Research Survey 2021	MCODS, Mangalore was ranked as the second-best private dental college and overall ranked second among the private colleges and eighth in Best Colleges in India THE WEEK-Hansa Research Survey 2021	1 August 2021
5	Outlook Toluna Online Education Survey-2021	Outlook magazine "India's top professional college survey" ranked MCOADS, Mangalore third among the private dental colleges and fifth overall (Government and private colleges)	1 August 2021

#### Faculty Members

Sl. No.	Name	Details	Date
<b>Conservative Dentistry and Endodontics</b>			
1	Dr Karthik Shetty, Professor and Head,	Won the "Best Paper Prize" for his Research Paper titled "Evaluation of the Root and Canal Morphology of the Maxillary First Premolars in an Indian Dravidian Subpopulation using Cone-beam Computed Tomography" presented on 31 July 2021 at the IFEA (International Federation of Endodontic Association Conference).	31 July 2021
2	Dr Manuel Thomas, Associate Professor	"Good Teacher Award" for the year 2020	31 December 2021



Sl. No.	Name	Details	Date
<b>Oral and Maxillofacial Surgery</b>			
1	Dr Dharnappa Poojary, Associate Professor	"Good Teacher Award" for the year 2020	31 December 2021
2	Dr Dharnappa Poojary, Dr Srikant N (Oral Pathology)	Awarded "First Prize" for the Best Audio-Visual Material 2020	31 December 2021
<b>Oral Medicine and Radiology</b>			
1	Dr Ravikiran Ongole, Dr Sakshi Sachdeva, Dr Siddarth Shetty, Dr Arun Shanbhag	Innovation Award: "Vibrodent-Accelerating Orthodontic tooth Movement", MAHE Innovation Festival 2021.	21 October 2021
<b>Oral Pathology and Microbiology</b>			
1	Dr Srikant N, Professor and Head	Won the "Best Paper Award" for the presentation titled "2D Geomorphometric shape analysis of maxillary first premolar: an indicator of sexual dimorphism" (Guided by Dr Junaid Ahmed) presented at the 5th International e-Conference on Forensic Odontology, organized by the International Association of Scientists and Researchers (IASR) and Association Forensic Odontology for Human Rights (AFOHR) on 29 and 30 May 2021.	30 May 2021
2	Dr Nandita K P, Associate Professor	Won the "First Prize" in the Best Scientific e-Poster titled "Novel Method of Stature Estimation Utilizing Anthropometric Measurements in Indian Population" at the 8th International e-conference on Forensic Medicine and Toxicology	28 August 2021
3	Dr Srikant N, Professor and Head	Won the "Second Prize" in paper presentation for the paper titled "3D Geomorphometric shape analysis" presented at the 18th Annual National Conference of Indian Association of Forensic Odontology – Innovations and Trends in Forensic Odontology organized by the Department of Forensic Medicine, GS Medical College and KEM Hospital, Mumbai.	26 September 2021
4	Dr Amitha Lewis, Dr Nidhi Manaktala, Associate Professor	Awarded "Second Prize" for the Best Audio-Visual Material 2020	31 December 2021
<b>Orthodontics and Dentofacial Orthopaedics</b>			
1	Dr Ashith M V, Associate Professor	Won First Place in Neeta Bhagtani Award at 54th Indian orthodontic society, Clinical innovation category paper presentation.	13 October 2021
<b>Paediatric and Preventive Dentistry</b>			
1	Dr Suprabha B S, Professor and Head	Was bestowed with the "Distinguished Woman of the Society" award for her immense contribution in the field of Paediatric Dentistry during the occasion of International Woman's	8 March 2021

Sl. No.	Name	Details	Date
		Day by the Indian Society of Pedodontics and Preventive Dentistry.	
2	Dr Karuna Y M, Reader	Awarded "Best Paper" award at 42 ISPPD National Conference, Bhuvaneshwar "Personal Protective Equipment Related Challenges Faced by Paediatric Dentists during the Behavioural Management of Children: A qualitative study"	27 November 2021
3	Dr Arathi Rao, Professor	Dr Arathi Rao awarded Sessions "Best Presentation Poster" at the 3rd International Conference on Public Health and Well Being 2021.	4 December 2021

#### Periodontology

1	Dr Neetha J Shetty, Professor and Head	Good Teacher Award for the year 2020.	31 December 2021
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#### Prosthodontics and Crown and Bridge

1	Dr Shobha Rodrigues, Professor	Won the consolation prize for the e-Poster Presentation on "Prosthetic Rehabilitation of Anophthalmic defect in growing children" in the 13th Biennial Conference of International Society for Maxillofacial Rehabilitation hosted by the Indian Prosthodontic Society, Pune.	5 February 2021
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#### Public Health Dentistry

1	Dr Ashwini Rao, Professor	Selected for sponsorship of the registration fees for the Leadership Summit on tobacco control, a virtual event hosted by the 18th World Conference on Tobacco or Health (WCOTH), France, to be held online on 18 October 2021. Her application consisted of a 300-word statement explaining about her work in the field of tobacco, which was reviewed by the review committee of the conference and accepted for sponsored registration of the conference	18 October 2021
2	Dr Aparna K S, Dr Ramya Shenoy and Dr Sushma Rao	Faculty Grant Award "Best Practice Award", by the Indian Association of Public Health Dentistry for the year 2021.	19 October 2021

#### Students

Sl. No.	Name	Details	Date
<b>Administration</b>			
1	Ms Aakriti Chaudhry, UG Student	Won the "First Prize" in "The Short Essay Writing Competition", the topic for the event was "Choose to Challenge". On the occasion of International Women's Day organized by MAHE, Manipal	6 March 2021
2	Ms Akshita Gupta, UG Student	Won the "First Prize" in "The Short Essay Writing Competition", the topic for the event was "Choose to Challenge". On the occasion of	6 March 2021

Sl. No.	Name	Details	Date
3	Ms Ananya Jha, UG Student	International Women's Day organized by MAHE, Manipal Won the "First Rank" in the Virtual Dance competition under AIIMS Raebareli Virtual Carnival "Parichay" 2021 from 18 to 25 May 2021.	25 May 2021
4	Dr Samreen Fatima and Dr Purva Rasane, Intern	Won "Second Place" in the national level e-poster competition organized by IDA Kerala in collaboration with WHO Oral Health and Tobacco South East Asia for World No Tobacco Day 2021. The poster was on the topic "I Can I Will I Must". They won certificates and cash prizes on 31 May 2021.	31 May 2021
5	Dr Samreen Fatima, Dr Purva Rasane, Dr Manpreeth M, Intern	Ms Samreen and Ms Purva, Interns of MCOADS, Mangalore won the First prize each for their paper presentations titled "Age Estimation using the Crypt to tooth ratio: A novel technique for estimating the age of adolescents" in their respective sessions. Ms Manpreeth M, Intern, MCOADS, Mangalore, MAHE, Manipal won the Second prize for her paper presentation titled "Morphometric variation of the coronoid, condyle and sigmoid notch of Mandible in personal identification in South Indian Population" at the 18th Annual National Conference of Indian Association of Forensic Odontology – Innovations and Trends in Forensic Odontology" held on 25 and 26 September 2021, organized by Department of Forensic Medicine, GS Medical College and KEM Hospital, Mumbai.	26 September 2021
6	Dr Rhea Fernandes, Dr Simran Gupta, Intern	Won the "Second Prize" in their respective sessions of paper presentation for their research deliberation on "Euclidian Distance Matrix Analysis for Sexual dimorphism in Indian and Nepal population" at the 18th Annual National Conference of Indian Association of Forensic Odontology – Innovations and Trends in Forensic Odontology" held on 25 and 26 September 2021, organized by Department of Forensic Medicine, GS Medical College and KEM Hospital, Mumbai.	26 September 2021
7	Dr Mridula Jain, Dr Bhoothapaty Jason	Awarded with "Undergraduate Grant Award" for the proposal titled "Impact of COVID-19 on Accessibility to Elective Dental Care among Older adults - A qualitative study" by the Indian Association of Public Health Dentistry for the year 2021.	4 October 2021

Sl. No.	Name	Details	Date
8	Dr Amrita Kaur Bhumra Intern	Received a merit award for securing the first position in the subject of periodontology in the academic year 2020. The award is given by the Indian Society of Periodontology	1 December 2021
9	Dr Mahima Mishra	Dr Mahima Mishra (MCOADS Mangalore 2015-2020) was one of the winners of the National Innovation Contest (NIC) conducted by the Government of India, Ministry of Education. She has received funding of 5.5 lakh INR for developing a prototype for an Aerovacuator–A Dental Aerosol Evacuator. In addition, she was also one of the team members for the early-stage start-up “RedKart–Online Store for Dental Supplies” which has been declared a Winner in the MAHE Business Idea Competition, held in November and December 2021.	30 December 2021
10	Dr Rituparna Das, Alumna, Dr Nidhi Manaktala, Tanupriya Bhatia, Shubham Agarwala, Dr Srikant N, Dr Amithe Lewis, Dr Shweta Yellapurkar-Coauthors	Dr TMA Pai Gold Medal for Outstanding Research Publication for the year 2020	31 December 2021
11	Dr Anila Britta Sanjay	Dr TMA Pai Gold Medal Award for the year 2020	31 December 2021
<b>Dental Materials</b>			
1	Dr Madhu Keshava Bangera PG Scholar	Won the “First Position” in a scientific paper presentation titled “Flexure Failure Analysis of Antimicrobial Silver Nanoparticles Reinforced”, presented at WEBCON Season 2 virtual National Dental Conference organized by Kalinga Institute of Dental Sciences, KIIT Deemed to be university, Bhubaneswar in association with IDA Temple City, branch and NSS bureau KIIT.	31 July 2021
<b>Oral Medicine and Radiology</b>			
1	Dr Mohana Bhoraskar, Postgraduate Student	Final year postgraduate student, Department of Oral Medicine and Radiology, MCOADS, Mangalore, MAHE, Manipal, won the “Second Prize” in paper presentation for the paper titled “Morphometric and Volumetric Evaluation of Maxillary Sinus as an aid in sex determination in Forensic Odontology” presented at the “18th Annual National Conference of Indian Association of Forensic Odontology – Innovations and Trends in Forensic Odontology” organized by Department of Forensic Medicine,	26 September 2021

Sl. No.	Name	Details	Date
2	Dr Anwasha Saha, Postgraduate Student	GS Medical College and KEM Hospital, Mumbai. Won the "First Prize" in paper presentation for the paper titled "Efficacy of Mastoid Morphometry" presented at the "18th Annual National Conference of Indian Association of Forensic Odontology – Innovations and Trends in Forensic Odontology" held on 25 and 26 September 2021, organized by Department of Forensic Medicine, GS Medical College and KEM Hospital, Mumbai.	26 September 2021

### Orthodontics and Dentofacial Orthopaedics

1	Dr Sakshi Sachdeva, Postgraduate Student	The team from the Department of Orthodontics and Dentofacial Orthopaedics, MCOODS Mangalore, MAHE, Manipal comprising of Dr Sakshi Sachdeva (Postgraduate Student), Dr Supriya Nambiar (Professor and Head), Dr Collin Robert (Postgraduate Student) and Dr Gangadharan K V (Professor and Head, Centre for System Designs, NITK Surathkal) won the silver medal in the innovation (International Postgraduate category) and won the second place among the overall innovations at the International Medical Innovation Competition 2021 (IMIC 2021) "MEDInnovation2021" organized by Faculty of Medicine, Universiti Teknologi MARA (UiTM), Sungai Buloh Campus, Selangor, Malaysia from 15 to 27 August 2021	27 August 2021
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### Periodontology

1	Dr Shweta Pradhan and Dr Shalini Mundra, Postgraduate students	Won "First Prize" for Poster presentation on "Addressing the Esthetic and functional problem: An interdisciplinary approach" at the 1st Virtual ISPRP National Conference organized by the ISPRP on 9 January 2021 under the Guidance of Dr Neetha J Shetty, Professor and Head of Department of Periodontology	9 January 2021
2	Dr Antarleena Sengupta, Postgraduate Student	Received "Second Prize" at ICPA Predict the Future Innovations Contest (2021) held on the occasion of World Oral Health Day	20 March 2021
3	Dr Aishwarya Dham, Postgraduate Student	Received "Consolation Prize" at ICPA Predict the Future Innovations Contest (2021) held on the occasion of World Oral Health Day	20 March 2021
4	Dr Shweta Pradhan, Postgraduate student	Won the "First Prize" in Essay Competition (Category 2) at the Youth against Cancer conference organised by the Carcinogenesis Foundation	27 August 2021

Sl. No.	Name	Details	Date
5	Dr Urbashi Roy Chowdhury, Postgraduate Student	Awarded the "Consolation Prize" in the e-Poster Competition held at the 45th National Conference organised by the Indian Society of Periodontology on the topic "Evolution of platelet concentrates".	12 October 2021
6	Dr Sweta Pradhan, Postgraduate Student	Awarded the "Third Prize" in ISP Essay writing competition 2021 organized by the Indian Society of Periodontology on the topic -"Platelet concentrates in Periodontics".	17 November 2021

### Prosthodontics and Crown and Bridge

1	Dr Rashmitha Rathnakar, Postgraduate Student	Awarded "First Place" for the paper presentation titled "Digital Smile designing Dental Esthetics one smile at a time" at the 49th IPS Indian National Virtual Conference held from 1 to 5 December 2021	5 December 2021
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### Public Health Dentistry

1	Dr Aishwarya Rai, Postgraduate student	Awarded "Best Poster Award" in the "General Category" at the 25th IAPHD National Conference held on 18 to 21 November 2021. The title of the poster was "Pandemic of Infodemic-Impact of Infodemic in Public Health-An Overview".	21 November 2021
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### Extra-Curricular Activities:

#### In Institution:

Sl. No.	Event	Details	Date(s)
<b>Administration</b>			
1	Checkmate-MCODS and KMC	A Virtual Chess Tournament "Checkmate" was organised by DSA 2020-21 and in association with KMC Student Council 2020-21 Mangalore on 23 May 2021. It was held on lichess.org. Around 44 students participated from MCODES, Mangalore and KMC, Mangalore. All the students participated with great enthusiasm. This tournament consisted of seven rounds with a time duration of 10 minutes.	1 May 2021
2	Inter-University Badminton Trials 2021	Inter-University Badminton trials as conducted on 27 November at MIT recreation club by MAHE. Rahul and Rajesh from the batch of 2019 represented our college.	1 November 2021
3	Inter-University Swimming Trials 2021	Inter-University Swimming Trials were conducted on 2 December 2021 at MIT Pool, Manipal by MAHE Allen Peter from the batch of 2019 represented our college.	1 December 2021



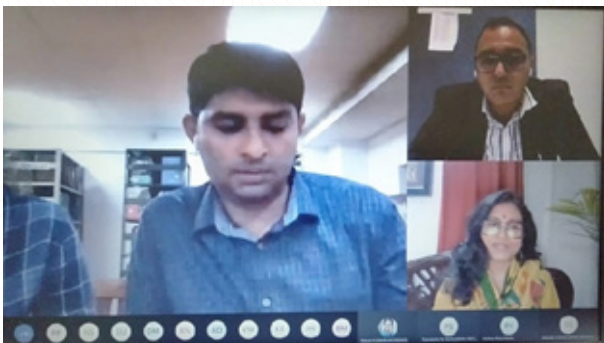
**Inter Institution:**

Sl. No.	Event	Details	Date(s)
<b>Administration</b>			
1	Inter Collegiate Staff Badminton Tournament	Won runner up prize in Women Singles in the MAHE Manipal Inter Collegiate Staff Badminton Tournament held in Marena, Mangalore	5 December 2021
2	Inter Collegiate Staff Badminton Tournament	Dr Mrinali Shetty, Dr Shweta-Winner in Women Doubles in MAHE Manipal Badminton tournament held in Marena, Mangalore on 5 December 2021.	5 December 2021

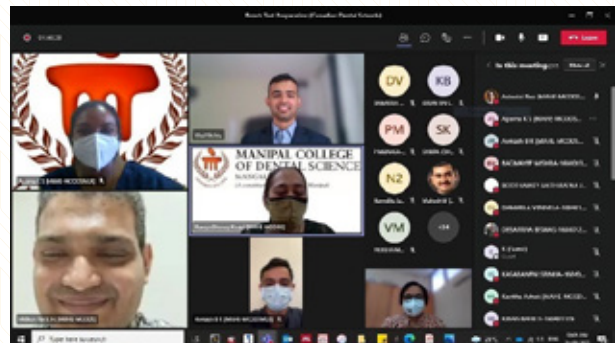
**Photo Archive of Important events**



Cons Endo Day 2021



Shastri Indo Canadian Workshop



Bench Test Preparation (Canadian Dental Schools)



Digital Workflow in CAD-CAM

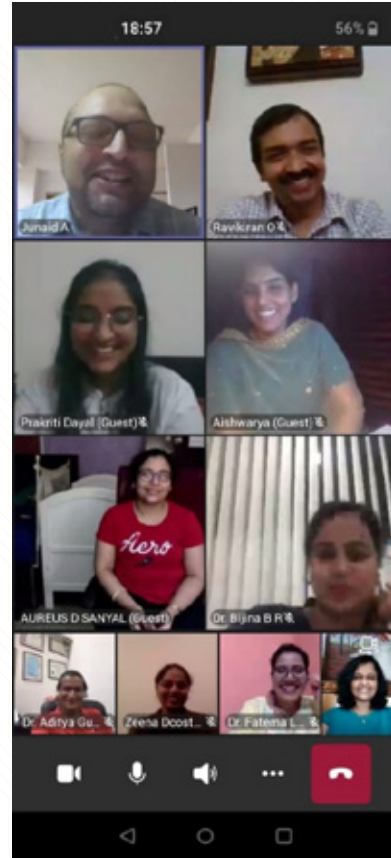


Laser-workshop





MAHESRF A to Z – Research



World Radiology Day



Pedodontics Alumni Meet



Dr Prashanth Pillai, 1990 batch alumnus of MCODES, Mangalore is presently Vice Chancellor of RKDF University, Bhopal, Madhya Pradesh

# Manipal College of Nursing

Address: Madhav Nagar, Manipal

Phone Number: 0820 – 2922443

Email-Office: office.con@manipal.edu

Dean Email: judith.n@manipal.edu



Name of the Dean: **Dr Judith Angelitta Noronha**

Established: **1990**

## Details of Programs offered by the Institution:

- Basic BSc Nursing
- Post Basic BSc Nursing
- Post Basic Diploma in Nursing
- MSc Nursing
- Nurse Practitioner in Critical Care
- MPhil Nursing (Part-time)
- PhD Nursing

## About Institution/School:

Overview: Established in 1990, the Manipal College of Nursing (MCON), Manipal is one of the leading institutions in India for Nursing Education and Research. The mission statement

of MCON, Manipal is consistent with that of its parent organization, Manipal Academy of Higher Education (MAHE). The Vision and Mission statements of MCON, Manipal respectively are: "To be a world-class nursing institution with international standards and a hallmark of excellence in Nursing Education, Practice and Research" and "Excellence in nursing education, healthcare services, research, and commitment to human development". MCON functions with the values: Quality, Commitment, Accountability, Teamwork, Loyalty, Integrity, and Humane Touch. The college is certified by ISO

9001:2015; 14001:2015; ISO 50001:2011. MCON, Manipal has been ranked as the fourth-best nursing college in India among India's top 10 undergraduate courses and Institutions for BSc Nursing (Source: Education World India - Higher Education India dated 15 June 2021) and third in the most preferred Nursing College in recruiters' choice (The Week Survey 2012). MCON Manipal is one of the four Nursing Institutions in India whose degree is approved by the Singapore Nursing Board. Core Objectives: To offer professional education of high pedagogic excellence; an optimal learning environment and an opportunity for personal


and professional growth. To encourage community participation and interaction with National and International healthcare organizations. To develop professional competency and research skills in students and faculty. Speciality Areas: The college houses six clinical nursing departments to cater to the academic needs of the students. The Clinical Nursing Departments are – Fundamentals of Nursing, Community Health Nursing, Obstetrics and Gynaecology Nursing, Child Health Nursing, Medical Surgical Nursing and Mental Health Nursing

### Institutional Activities/Curricular Activities


#### New Initiatives:

Sl. No.	Activity	Particulars	Date(s)
1	Implementation of OBE syllabus; Implementation of semester system with credits and OBE; Introduction of SLCM; Aligning curriculum with National Education Policy 2022 - implemented in Semester system syllabus w.e.f. October 2021.; Launched new short term Certificate/Value added Courses	The learning outcome-based curriculum for a BSc Nursing Degree is intended to provide a broad framework within which the nursing degree program responds to the needs of the students and the intentions of the program for society. Through the semester system, students are continuously assessed, it is better for concentration and learning. NEP enables students to reach out to globally accepted education. Short term courses are launched as these courses equip students with the skills that the nursing field demands. Value-added courses help students to develop their skills in their chosen field of study.	1 January 2021 to 31 December 2021

#### All other activities in the department relating to the program/course:

Sl. No.	Activity	Particulars	Date(s)
1	National Road Safety Month- 2021 	Community Health Nursing department along with PBBS Nursing students observed National Road Safety week on to 14 January 2021, through MS Teams online platform on the theme "Safe yourself to save your family". Mr	11 January 2021

Sl. No.	Activity	Particulars	Date(s)
		<p>Nagesh Nayak, Assistant Police Sub-Inspector, Manipal Police Station, Manipal gave a brief talk on the importance of observing Road Safety week. The students of the second year PBBSc Nursing conducted a presentation on different types of traffic signals. Safety Pledge was organized on 17 February for all the faculty, students, and non-teaching staff of MCON. Total of 386 students, 32 faculty and four non-teaching staff participated in the pledge. The pledge for faculty and non-teaching staffs were facilitated by Dr Judith A Noronha, Associate Dean, MCON Manipal and for the students by the respective class coordinators. A slogan writing competition was organized for all the students of MCON Manipal on the theme "Safety on Road" was organized. National Road Safety Week - 2021 was observed by the faculty of the department of community health nursing and students of the second year PBBSc Nursing, MCON, MAHE, Manipal on 14 January 2021, by conducting a Radio awareness program for the public. The program was broadcasted by Community Radio, Manipal on 14 January 2021, from 6:15 pm onwards</p>	
2	21st Management Review Meeting of Integrated Management System (IMS) of MCON and MSON, Manipal	<p>a) Status of actions from previous management reviews. b) Changes in external and internal issues that are relevant to Quality and Environmental management including its strategic direction. c) Information on performance, including trends and indicators for nonconformities and corrective actions, the extent to which quality objectives have been met; monitoring and measurement results; audit results; customer satisfaction;</p>	12 January 2021

Sl. No.	Activity	Particulars	Date(s)
		issues concerning external providers and other relevant interested parties; adequacy of resources required for maintaining an effective IMS; process performance and conformity of products and services. d) Effectiveness of actions taken to address risks and opportunities. e) Needs and expectations of interested parties, including compliance obligations f) Fulfilment of its compliance obligations g) Significant environmental aspects h) New potential opportunities for continual improvement.	
3	Webinar on: Quantitative Nursing Research 	The first-year students of Nurse Practitioner in Critical Care (NPCC) Postgraduate Residency Program, Medical Surgical Nursing Department, in collaboration with Pillar 2 (IoE): Exemplary Research and Innovation of MCON, MAHE, Manipal organized a three days' webinar on "Quantitative Nursing Research" from 22 April to 24 April 2021 through Microsoft Teams online platform. The webinar focused mainly on the quantitative nursing research methodology The first day of the webinar started with the session on Research Process and Writing Research Proposal followed by Conceptual Framework and Literature Search The second day (23 April 2021) began at 9:00 am with the deliberation on the topic Quantitative Research Designs followed by Data Collection Techniques and Methods and Sampling. The third day (24 April 2021) of the webinar began at 8:30 am with a talk on Sample Size Estimation. A total of 204 participants with various academic cadres such as nurse practitioners, MSc nursing students, nursing officers, PhD Scholars and faculty members attended the webinar from 17 states namely	22 January 2021 to 24 January 2021

Sl. No.	Activity	Particulars	Date(s)
		Karnataka, Delhi, Odisha, Uttar Pradesh, Madhya Pradesh, Tamil Nadu, Maharashtra, Kerala, Rajasthan, Himachal Pradesh, Haryana, Sikkim, Telangana, Assam, Chhattisgarh, West Bengal, and Mizoram.	
4	Lamp lighting Ceremony 2020-21	The lamp lighting ceremony for the 31st batch of BSc Nursing students of MCON, Manipal was held on 13 February 2021 at the Dr TMA PAI Auditorium, KMC, Manipal. The lamp lighting ceremony formally recognizes the students' entry into the nursing profession. It is an important event, where the lamp symbolises the light that a nurse becomes to her patients and as a symbol of hope and comfort to those who are suffering. Students light this lamp as a commitment, and they recite the Nursing pledge of the service. A total of 99 students of first-year BSc Nursing received the light from the Chief Guest, Dr P Suba Sooria, Head of Nursing Services KH Manipal, Dr Anice George, Dean MCON Manipal, Dr Judith A Noronha, Associate Dean and Dr Jyothi Chakrabarty, Professor and Head, Medical Surgical Nursing Department, Manipal which was followed by the oath-taking ceremony of the novice nurses. Chief Guest, Dr P Suba Sooria in her address stressed the selfless service that every nurse should possess in their profession. She said every nurse should have the basic qualities like communication skills, emotional stability, qualities of a counsellor, an educator and so on. Based on the changing trends and technology, she said, Nurses should update their knowledge and skills. She stressed the significance of patient safety in the profession. Dr Avinash Shetty, Medical	13 February 2021


Sl. No.	Activity	Particulars	Date(s)
5	International Women's Day 	Superintendent Kasturba Hospital, Manipal emphasised the importance of commitment in the profession and urged the students to imbibe technology into their practice. Dean Dr Anice George spoke on the various important factors that a student nurse needs to inculcate in her/his profession. She emphasized developing curiosity, humility, and passion for caring for the patient. Radio Program on "Women Empowerment to challenge the challenges of women". Virtual webinar on 'Challenge the challenges of Mid-life crisis'. Awareness talk on various cancer in reproductive organs	8 March 2021
6	Awareness program as part of International Women's Day-2021 	An awareness program on "Breast cancer and its prevention" was organized on 8 March 2021 as part of International Women's Day-2021 by fourth-year BSc Nursing students and the Department of Community Health Nursing, MCON, MAHE with a theme "#Choosetochallenge" for non-teaching and housekeeping staffs of MCON. Dr Judith A Noronha Associate Dean, MCON spoke about women's roles and responsibilities of day-to-day chores and sheer dedication towards her family. She always steps back when it comes to her health concern. So, all women should empower themselves and raise their voices when it comes to their health concerns too. Dr Shashidhara Y N, Professor and HOD, Department of Community Health Nursing highlighted the significance of the day and the theme "#Choosetochallenge". He narrated the women's struggle and that she can overcome milestones with courage and boldness. Ms T S Ambika fourth-year BSc Nursing student did a presentation	8 March 2021

Sl. No.	Activity	Particulars	Date(s)
7	International Virtual tour 	<p>on breast cancer and its prevention. The program was attended by 15 non-teaching and housekeeping staff.</p> <p>An international virtual visit to MCON by the students of Florence Nightingale Faculty of Nursing, Midwifery and Palliative Care King's College London was organized on 11 March 2021. The purpose of the visit was to provide an opportunity to interact with international students and mutually share the experience of healthcare service delivery, women's health and social and cultural aspects related to Women's Health. There were 88 participants in the meeting from both institutions. This program was coordinated by Dr Shashidhara Y N under the guidance of Dr Anice George, Dean MCON, and Dr Elsa Santombi Devi, Professor, MCON</p>	11 March 2021
8	Academic Student Collaboration Series-1 	<p>Department of Fundamentals of Nursing, MCON, MAHE, Manipal and Department of Nursing, Edge Hill University, UK organized Academic Student Collaboration Series-1 on "Clinical experience during COVID-19 Pandemic" on 25 March 2021 between 3:30 to 5:30 pm through MS Teams Virtual Platform. Dr Toni Bewley, Senior Learning and Teaching Fellow Lead (TEF), Edge Hill University and Dr Daisy Josephine Lobo, Associate Professor, MCON briefed regarding the professional body regulations for student clinical postings during the COVID-19 pandemic in UK and India, respectively. Ms Vinitha Rosa Monis, Ms Aksa David, third-year BSc nursing, MCON and Kristy D-Cain, Lauren McCusker third-year Nursing, Edge Hill University shared their perspectives regarding the topic. Common experiences shared from the Indian</p>	25 March 2021



Sl. No.	Activity	Particulars	Date(s)
		<p>perspective were focused mainly on how the COVID-19 pandemic has impacted the clinical and practical learning, changes that were brought in the theory and practical sessions, different measures that were taken by the faculty to give maximum clinical exposure as well as some of the challenges faced by the students and the faculty during this COVID-19 pandemic era. Students from Edge Hill University shared their experience regarding working in a COVID Red ward taking care of the patients and assisting the registered nurses and the emotional toll it took on them while caring for the severely ill patients and how they overcame the challenges with the support of their family and colleagues during the peak of the COVID-19 pandemic. Ms Sandra Mariam and Ms Kezia Mariam from third-year BSc Nursing, MCON, MAHE, Manipal moderated the session. A total of 182 students from both MAHE and Edge Hill University participated in this event.</p>	
9	<p>An awareness program as part of World Breastfeeding Week 2021</p> 	<p>As a part of World Breastfeeding Week 2021, to sensitize breastfeeding and safety measures during COVID among breastfeeding mothers, the Department of Community Health Nursing, MCON, MAHE and Women Child development department, Udupi jointly conducted an awareness program on 4 August 2021 at Kajaraguthu Anganwadi centre. Dr Ansuya, Assistant Professor, Department of Community Health Nursing, MCON, MAHE gave a talk on the importance and benefits of breastfeeding, the composition of breast milk and various positions and attachment while feeding. Expressed breast milk should be given to the</p>	4 April 2021

Sl. No.	Activity	Particulars	Date(s)
		infant if the mother is tested COVID-19 positive by following COVID appropriate behaviours. This was followed by a talk and demonstration regarding positioning the baby, techniques of breastfeeding and expression of breast milk and the management of breast conditions. The program was attended by 30 mothers (including pregnant and lactating mothers), ASHA workers, Anganwadi workers, self-help group members and school teachers.	
10	Health awareness video and e-poster competition as a part of World Health Day 2021 	The webinar on “building a fairer and healthier world for everyone” was organized on 7 April 2021 at 10:30 am through the Microsoft Team platform to the students and faculty of MCON, MSON and other health science fraternities. The resource person was Dr Prabhath M @ UNICEF Supported DRR Roadmap 2030 Karnataka contractor and Senior Consultant @ Pruthvi charitable trust. Received 30 e-poster from students and faculty of different fields of health science fraternity and the best two e-posters were awarded.	7 April 2021
11	Webinar on Understanding Emotions: Setting Life in Motion 	Considering the valuable input of continuing nursing education and the need for emotional strengthening in the area of the nursing profession, the students of the first-year MSc Nursing at MCON, MAHE, Manipal organized a National webinar on “Understanding Emotions: Setting Life In Motion”. Dr Binil V, Associate Professor and Faculty Convener of the webinar, MCON, Manipal introduced the guest speaker for the event Mr Vithoba Narayan Mhalkar, Assistant Professor, Department of Psychiatric Nursing, Institute of Psychiatry and Human Behaviour- Goa.	29 April 2021

Sl. No.	Activity	Particulars	Date(s)
12	International Nurses' Day-2021 	International Nurses' Day is celebrated around the world every 12 May, the birth anniversary of Florence Nightingale. International Council of Nurses commemorates this important day each year. The theme for the year 2021 is "Nurses: A Voice to Lead - A vision for future healthcare". All the six departments of the College and Manipal School of Nursing have conducted various events as part of International Nurses' Day 2021. Department of Medical Surgical Nursing conducted an essay competition on the topic "Future Perspectives of Nurse Practitioners in India". A number of entries from different Nursing Colleges of India was received. Ms Priyanka Subhash Chavare, a student of second-year Nurse Practitioner in Critical Care, Krishna Institute of Nursing Sciences, Satara, Maharashtra and Ms Himani Sing, BSc Nursing student, Panna Dhai Maa Subharti Nursing College, Hastinapur, Meerut were the winners. The department of Mental Health Nursing organized an Elocution competition on the theme: Future of Nursing in the arena of COVID-19. Many students participated in the competition. Ms Shaina Tauro first-year BSc (N) MCON, Manipal won the first prize and Ms Smitha Saldana, first-year MSc (N), MCON Manipal won the second prize. Department of Child Health Nursing conducted a drawing competition for students of Nursing colleges and schools of Udupi district. A large number of students participated in the drawing competition from nine colleges/schools of Nursing. The theme for the drawing competition was "Impact of COVID-19 on Nurses",	12 May 2021

Sl. No.	Activity	Particulars	Date(s)
		<p>which was given to the students on the spot. Ms Meghana S Kumar, Second-year BSc Nursing student from Canara College of Nursing, Udupi secured first place and Ms Suparna, fourth-year BSc Nursing student from Ashrith College of Nursing, Kota, Udupi secured second place. Department of Community Health Nursing organised an E-poster competition and 31 posters were received from various colleges in India. The first prize was secured by Ms Celestin and Ms Maxtin, Lombard Memorial College of Nursing, Udupi and the second prize was won by Mrs Priyanka G from KLE Institute of Nursing Sciences, KAHER, Belagavi. The department of Obstetrics and Gynaecological Nursing organized an online E-Quiz competition on "Midwifery care" for 30 nursing professionals and nursing students from all over India through Microsoft Teams Platform. The first place was secured by Ms Aswathi P, fourth-year BSc Nursing student and the second place was secured by Ms Jevita Fernandes, fourth-year BSc Nursing student, MCON, MAHE, Manipal. Department of Fundamentals of Nursing conducted a video making competition on the topic – "Lockdown Learning". Ms Crystal Vanessa Noronha and Ms Ashel Venisha Lobo from first-year BSc Nursing, MCON Manipal won first prize and Ms Helena Maria Prasad and Ms Helan Anna Joseph from first-year BSc Nursing, MCON Manipal won the second prize. During the International Nurses' Day celebration on 12 May 2021, Mrs Rachel George, Registrar, Maharashtra Nursing Council deliberated a vibrant session on Future Perspectives of Nursing Education. She</p>	

Sl. No.	Activity	Particulars	Date(s)
		<p>expressed her deep sense of gratitude to the nurses who are on the front line to save humankind, especially during this COVID pandemic. She addressed the mass traumatization of the global nursing force. She stressed encouraging the present generation to join Nursing. She also said that teachers play a major role in future nursing education and bringing the best out of the students. Mrs Gracy Mathai, Chief Executive Officer, Baby Memorial Hospital, Kozhikode, Kerala presented her expert view on "A vision of future healthcare from nursing perspectives". She stressed that technology-based resources should be put into action to improve clinical knowledge which would ease the work of nurses. The world is facing an acute shortage of nurses and nurses are overburdened with non-nursing tasks, which further increases their stress among them. Effective use of clinical support systems such as digital gadgets enhances nursing care. Recognising nurses and their work motivates the nurses for better output, which improves patient care. A total of 285 participants including nurses, nursing students and faculty members attended the program through virtual mode. Dr Latha T, Assistant Professor, MCON, Manipal and convenor of International Nurses' Day 2021 welcomed the gathering and gave an overview of departmental activities. The cash prize award was instituted by Dr Kasturi R Adiga, the former Principal of Manipal School of Nursing, Manipal for a student of PBBSc Nursing, a final year Diploma Nursing student and also a Nursing Staff of Kasturba Hospital, Manipal for their "excellence in clinical</p>	

Sl. No.	Activity	Particulars	Date(s)
13	<p>Webinar on “Midwifery Initiative: Training and Services in India – A Road Map as part of Bharat Ka Amrut Mahotsav”</p> 	<p>practice” was announced by Dr Judith A Noronha, Associate Dean of MCON. The names of students who won prizes in different competitions conducted were also announced by her. Dr Soumya Christabel, Assistant Professor and co-convener proposed the vote of thanks.</p> <p>As part of the celebration of the 75 years of India’s Independence– “Bharat Ka Amrut Mahotsav”, the Department of Obstetrics and Gynaecological Nursing, MCON, Manipal organized a Webinar on “Midwifery Initiative: Training and Services in India – A Road Map” on 31 May 2021 between 11:00 am and 12:00 noon on Microsoft Teams Platform. This webinar was organized for the benefit of clinical nurses, nurse educators, faculty members and nursing students. Ms Pragati Sharma, World Health Organization (WHO) Consultant for Midwifery, WHO Headquarters supporting WHO Country Office for India, focused on the need for midwifery, goals of midwifery initiative, Midwifery Led Care Units, and the importance of strengthening quality Midwifery education in India. She highlighted that investing in midwives can substantially reduce maternal-neonatal mortality, stillbirths, and preterm deliveries</p>	31 May 2021
14	<p>Collaboration Series-2 “Service Users, Caregivers, and Students experiences during the COVID-19 pandemic”</p> 	<p>Department of Fundamentals of Nursing, MCON, MAHE, Manipal and Department of Nursing, Edge Hill University, UK organized Academic Student Collaboration Series-2 on “Service Users, Caregivers, and Students experiences during the COVID-19 pandemic” on 4 June 2021 between 3:30 pm and 5:30 pm through MS Teams virtual platform. Dr</p>	4 June 2021

Sl. No.	Activity	Particulars	Date(s)
15	International Yoga Day- 2021	Department of Medical Surgical Nursing, MCON, MAHE, Manipal	21 June 2021

Toni Bewley, Faculty in Health and Medicine, Edge Hill University briefed on patient and caregiver involvement in teaching and learning in the UK, and Dr Radhika R Pai, Assistant Professor, MCON briefed the audience on the current lockdown status in India and students' experience in the campus during COVID-19 pandemic. Ms Lily Batterson, Mr Mike Reynolds, and Mr Adam Gridley, the service users and caregivers from Edge Hill University shared their experience of being patient and their expectations from student nurses and academicians in various phases of teaching and learning activities, especially during the clinical practice. Their talks were focused on being nursing academicians who turned to be patients in some phase of their life and then how they got involved with student learning activities at Edge Hill, in order to improve the clinical practice of student nurses. Ms Ankita Pal and Ms Crystal Vanessa Noronha, undergraduate nursing students from MCON shared their experience of being COVID positive and the treatment process on the campus. They focused more on physical and psychosocial symptoms, quarantine process, coping strategies used, post-COVID symptoms, and how they overcame these challenges with the support of family and friends. Ms Rowen from Edge Hill and Ms Kezia Marium from MCON, MAHE, Manipal moderated this session. Ms Sandra Mariam thanked the gathering. A total of 187 students from both MAHE and Edge Hill University participated in this event.

Sl. No.	Activity	Particulars	Date(s)
		<p>conducted a webinar as part of International Yoga Day 2021. The topic for the webinar was “Advantages of Yoga and Ayurveda in Modern Life”. Dr Sunil Kumar (BAMS, ND), chief physician at AyurAshram, Pachalloor post, Thiruvananthapuram delivered the webinar. A total of 67 participants with different professional backgrounds attended the session. Dr Sunil Kumar spoke about yoga, different postures for yoga and their benefits, certain practice tips while performing yoga, relaxation, and meditation. He also emphasised the special precautions to be taken by people diagnosed with abdominal hernia, arthritis, back or neck pain, chronic bronchitis and emphysema, depression, epilepsy, high blood pressure, heart disease and obesity while practising yoga. He talked extensively about Ayurveda with special emphasis on Panchakarma therapy and its benefits. He elaborated on Abhyanga, Pizhichil, Gandoosha, Sirodhara, Snehaavagaha, Tharpana and different other Ayurvedic treatment procedures. He also highlighted the importance of herbal remedies in maintaining wellness. This webinar was conducted as instructed by University Grant Commission (UGC) vide its circular dated 14 June 2021 and was coordinated by Dr Jyothi Chakrabarty Professor and Head, Department of Medical Surgical Nursing, MCON, MAHE, Manipal.</p>	
16	<p>World Breastfeeding week</p>  	<p>Various activities conducted as part of World Breastfeeding Week are : Articles on Breastfeeding in the Kannada Newspaper, Community Awareness through FM Radio Talk. As a part of the “Bharath Ka Amrut Mahotsav” activity, a health awareness talk was</p>	<p>1 August 2021 to 7 August 2021</p>



Sl. No.	Activity	Particulars	Date(s)
		<p>given on the topic, "The importance and do's and don'ts of breastfeeding".</p> <p>Awareness program on Breastfeeding in High-risk Infants for Mothers and Neonatal Unit Nurses: The activity was conducted on 3 August 2021 in the Neonatal Unit of KMC, Manipal. E-poster competition was held for faculty and students: The competition was open to all faculty and students across the participating institutions. Posters were invited on the theme, "Protect Breastfeeding: A Shared Responsibility."</p> <p>Awareness programs on breastfeeding in various community areas for mothers with children under the age of five years, caregivers, and ASHA workers.</p> <p>Awareness program for Inner Wheel Club, Innanje Gandhi Nagar, Shankarpura: Mothers and Anganwadi workers: The Rotary Club, Shankarpura and MCON, Manipal arranged for an awareness program for the Women of Inner Wheel Club, Innanje Gandhi Nagar, and Anganwadi workers.</p> <p>Awareness program for postnatal mothers at KMC, Manipal. Awareness program at Kajaraguthu Anganwadi centre. Awareness program at Athrardy Anganwadi centre. National Webinar on "Protect Breastfeeding: A Shared Responsibility".</p>	
17	<p>An awareness program as part of World Breastfeeding Week 2021</p> 	<p>As a part of World Breastfeeding Week 2021, to sensitize on breastfeeding and safety measures during COVID among breastfeeding mothers, the Department of Community Health Nursing, MCON MAHE and Women Child development department, Udupi jointly conducted an awareness program on 6 August 2021 at Athrardy Anganwadi centre. between 11:30 am to 12:45 pm. Dr Ansuya, Assistant Professor, Department of Community Health Nursing, MCON,</p>	6 August 2021

Sl. No.	Activity	Particulars	Date(s)
18	22nd Management Review Meeting of IMS of MCON and MSON, Manipal	<p>MAHE delivered a comprehensive talk on the importance and benefits of breastfeeding, the composition of breast milk and various positions and attachment while feeding, benefits of breastfeeding for the mother and the child, continue successive breastfeeding. Stressed on feeding the breast even travelling and public area and not to give prelacteal feeding. Also highlighted COVID safety measures to be followed when suspected in the family. Explained the importance and consequence of COVID vaccines. This was followed by a talk and demonstration regarding positioning the baby, techniques of breastfeeding and expression of breast milk and the management of breast conditions. The program was attended by 25 mothers, self-help group women, Anganwadi workers and ASHA workers.</p> <p>a) Status of actions from previous management reviews. b) Changes in external and internal issues that are relevant to Quality and Environmental management including its strategic direction. c) Information on performance, including trends and indicators for nonconformities and corrective actions, the extent to which quality objectives have been met; monitoring and measurement results; audit results; customer satisfaction; issues concerning external providers and other relevant interested parties; adequacy of resources required for maintaining an effective IMS; process performance and conformity of products and services. d) Effectiveness of actions taken to address risks and opportunities. e) Needs and expectations of interested parties, including compliance obligations f)</p>	9 August 2021

Sl. No.	Activity	Particulars	Date(s)
19	Collaboration Series- 3 "Simulation-based learning experience during COVID 19 Pandemic"  	Fulfillment of its compliance obligations g) Significant environmental aspects h) New potential opportunities for continual improvement. Department of Fundamentals of Nursing, MCON, MAHE, Manipal and Department of Nursing, Edge Hill University, UK organized Academic Student Collaboration Series-3 on "Simulation-based learning experience during COVID-19 Pandemic" on 7 September 2021 between 3:30 pm and 5:30 pm through MS Teams Virtual Platform. Ms Emma Grady and Ms Rowan Chalmers, third-year BSc Nursing students from Edge Hill University shared a video recording of the MEWS chart assessment which included pre-briefing, process and debriefing with the group of students and instructor. Ms Kezia Mariam and Ms Sandra Mariam of third-year BSc Nursing from MCON shared a video recording of the Pressure Sore Assessment using the Braden scale for junior group students. Dr Radhika, Assistant Professor from MCON and Dr Tony Bewley, Senior Lecturer from Edge Hill briefed on the teaching-learning experiences in the clinical facility during the COVID-19 pandemic. Ms Crystal Venessa Noronha thanked the gathering. A total of 53 participants (37 national and 16 international) from both MAHE and Edge Hill University participated in this event.	7 September 2021
20	World Suicide Prevention Day 	A webinar on "Early identification of self-harm and its prevention among youths. An awareness talks and an interview in multi-linguistic mode on "Prevention of suicide in vulnerable populations" through All India Radio (AIR).	9 September 2021

Sl. No.	Activity	Particulars	Date(s)
21	World Alzheimer's Day 	An interactive session on early identification and prevention of Dementia.	21 September 2021
22	World Mental Health Day 	A webinar on "Mental Health in an Unequal World". Conducted games at SM7Ward, KH, Manipal. A formal program was conducted.	06 October 2021
23	Breast Cancer Awareness Program 	Second-year BSc Nursing students(Batch-I) along with the faculty, Department of Community Health Nursing, MCON, MAHE in association with the Primary Health Centre, organized an awareness program on breast cancer on 13 October 2021 at 11:00 am in Primary Health Centre, Hirebettu. A role play on warning signs, symptoms and diagnosis was performed by Ms Rangini, Beautilin and the team. Ms Jessica Rodrigues, a second-year BSc Nursing student explained the causes, stages, clinical features, early diagnosis and the management which was followed by a demonstration of self-breast examination using a breast model by Ms Sakshi and Ms Varnitha, second-year BSc Nursing students which were followed by the redemonstration using a breast model by the participants. Dr Malathi G Nayak, Associate Professor, MCON, Manipal explained on importance of screening tests for the early detection of breast cancer. General public about 25 people participated in the program.	13 October 2021
24	Vigilance Awareness Week-2021	Department of Community Health Nursing organized an awareness program on "The Effects of Corruption and its Prevention" on 25 October 2021 at Hirebettu- Athrady Panchayat, Udupi. Mr Nagesh Nayak, Assistant	25 October 2021

Sl. No.	Activity	Particulars	Date(s)
25	Awareness program on Diabetes mellitus: Access to diabetes care 	<p>Sub-Inspector, Manipal Police Station, Manipal was the resource person for the event. He discussed the types of corruption and gave an overview of its effects of corruption. He insisted general public not to give bribes in the form of money or gift and also not to accept any form of bribe. He explained to the audience, whom to approach in case they come across or witness any corruption. The session ended with open discussions and the pledge was administered as per the directions of UGC. A total of 62 people including the general public, people from Athrady and Hirebettu village, nursing students, panchayat members, members of the rotary club, and members of VSO, MAHE also attended the program.</p> <p>Second-year BSc Nursing students (Batch-II) along with the faculty, Department of Community Health Nursing, MCON, MAHE in association with the Primary Health Centre, organized an awareness program on Diabetes mellitus on 30 October 2021 at 11:00 am in Primary Health Centre, Hirebettu to observe World Diabetes Day-2021. A role play was performed on the importance of screening, early diagnosis and accessing healthcare at the time by second-year BSc Nursing students which was followed by health education on the management of diabetes mellitus by Umair Shah and Nikhil Castelino. A demonstration of foot care was performed by Jesvita and Anishka. General public about 20 people including Junior Health Assistants, PHC, Hirebettu, ASHA workers, Anganwadi teachers and PHC staff participated in the program.</p>	30 October 2021

Sl. No.	Activity	Particulars	Date(s)
26	Children's day 	<p>1. ASHA Nilaya, Udupi Children's Day program was organized at School for Challenged Children, ASHA Nilaya, Udupi on 30 October 2021, from 10:30 am to 12:30 pm. As part of the health awareness program, the students of third-year BSc Nursing gave health teaching on the prevention of COVID-19 infection through action songs and demonstrated handwashing techniques. A total of 20 inmates, including 11 children and nine teachers and caretakers along with 32 third-year BSc and three second-year MSc Nursing students participated in the program.</p> <p>2. On 2 November 2021, a children's day and health awareness program on the prevention of COVID-19 infection was conducted at Government Primary School, Hanumantha Nagar, Udupi from 10:00 am to 12:30 pm. The students of classes 3, 4 and 5 were actively involved in the action song. Forty-five children, four teachers and 32 third-year BSc Nursing students participated in the program.</p> <p>3. Government Higher Primary School, Saralabettu, Manipal on 15 November 2021 from 10:00 am to 1:00 pm, conducted a children's day and health awareness program on environmental sanitation through a puppet show and action songs. The students of classes 1 to 7 were actively involved by performing action songs, dancing and singing a patriotic songs. A total of 95 children, six teachers, 32 third-year BSc and three MSc Nursing students participated in the program.</p> <p>4. CSI Boys Boarding School, Udupi On 22 November 2021, from 2:00 pm to 4:30 pm, a children's day and health awareness program on the</p>	30 October 2021 to 22 November 2021

Sl. No.	Activity	Particulars	Date(s)
27	Azadi Ka Amrit Mahotsav	<p>prevention of COVID-19 infection was conducted through action song at CSI Boys Boarding School, Udupi. The techniques of handwashing were demonstrated to them and the students were told to perform and practice the same during their daily activities. A total of 11 children along with the in-charge of the school, and 32 third-year BSc Nursing students participated in the program. As part of the children's day celebration, various games and cultural competitions were conducted for the students in all four settings. Prizes were given to the winners of various competitions followed by the distribution of sweets to all the children. All the children participated with great enthusiasm and joy. The principals and all other teachers of various institutions extended their wholehearted support and cooperation and appreciated the good work done by the students of MCON, Manipal. The entire program was coordinated by Dr Sangeetha Priyadarshini and Mrs Sheela Shetty, Assistant Professors, Child Health Nursing Department, MCON, Manipal.</p> <p>As part of Azadi Ka Amrit Mahotsav towards the celebration and commemoration of 75 years of independence, the Department of Child Health Nursing, MCON, MAHE Manipal organized a patriotic drawing and singing competition. A patriotic drawing competition was organized on 6 November 2021, from 10:30 am to 11:30 am for the inmates of CSI Boys Boarding Home, Mission Compound, Udupi. A total of eight children enthusiastically participated in the event. The winners of the best three drawings were awarded. A patriotic singing competition was conducted on</p>	6 November 2021 to 10 November 2021


Sl. No.	Activity	Particulars	Date(s)
		10 November 2021, from 10:30 am to 12:30 pm at Government Higher Primary School, Saralabettu, Manipal. A total of 13 students from classes 6 and 7 participated in the event. Prizes were distributed to the winners of the competition. The overall program was coordinated by Dr Sangeetha Priyadarshini and Ms Sheela Shetty, Assistant Professors in the department and was supervised by Dr Baby S Nayak, Professor and Head, Department of Child Health Nursing, MCON, MAHE, Manipal	
28	World Diabetes Day screening program and Health Education 	As part of World Diabetes Day, the Department of Medical Surgical Nursing, MCON, MAHE, Manipal has conducted the "Diabetes Screening and Health Education" program on 14 November 2021. The second-year MSc Nursing-Critical Care Nursing and Cardiovascular and Thoracic Nursing speciality students were part of the program. The participants were the general public. After the initial check of height, weight and BMI, the participants were guided to the counter where their blood pressure and random blood sugar were also checked. Every participant was given the Health Check Cards with their brief identity. A total of 100 people were screened and those identified with blood pressure and the blood sugar level out of control and who were not on regular treatment were emphasized to go for further check-ups.	14 November 2021
29	Newborn Week Celebration	The Department of Obstetrics and Gynaecological (OBG) Nursing and the Department of Child Health Nursing, MCON, MAHE, Manipal observed the "Newborn Week" from 15 to 19 November 2021 based on the theme "Safety, quality and nurturing care-birth	15 November 2021 to 19 November 2021



Sl. No.	Activity	Particulars	Date(s)
		right of every newborn". The aim of celebrating "Newborn Week" is to create awareness and sensitize the general public, students, and healthcare professionals regarding quality and essential newborn care. Based on the theme, a number of activities like an awareness program on essential newborn care, a poster competition on the theme for the faculty and students, a radio program etc., were conducted. The activities planned and conducted were as follows: Activity 1: Awareness program on the care of a newborn baby. Activity 2: Poster competition on the theme "Innovate, Illuminate and Inculcate quality care for every newborn". Activity 3: Radio talk on newborn care. Activity 4: TV program on safety and quality of newborn care	
30	Advanced Interprofessional wound care workshop on 21 and 22 November 2021	 <p>Manipal Coloplast Heal Academy conducted its first "Train the Trainers Workshop" on "Advanced Interprofessional Wound Care Practices" consisting of physician from Plastic surgery, orthopaedics, general surgery, a microbiologist, nurse practitioner, infection control nurse and nursing faculty and the clinical trainers. Coloplast Academy collaborates with MCON, MAHE, Manipal with an aim to initiate and support. It was a two days' workshop which focused on training the Trainer in areas of: Basics of wound healing, Principles of moist wound healing, Wound infections, Triangle of wound assessment, Evidence-based wound management, Negative Pressure Wound Therapy (NPWT). MCON, MAHE Manipal signed an MoU with Coloplast India, venturing into Interprofessional wound management training towards quality patient care in</p>	21 November 2021 to 22 November 2021

Sl. No.	Activity	Particulars	Date(s)
		clinical arena. Coloplast is committed to continuing clinical education in India and has established Coloplast Academy (the clinical arm of Coloplast's India subsidiary) Training Program under the aegis of HEAL for Health Care Professionals. HEAL is a global educational program designed to increase the knowledge of modern wound healing principles of HCPs with an overall objective of improving the standard of care for wound patients. HEAL program is also endorsed by multiple other wound care associations such as Wound Australia, New Zealand Wound Care Society, South Africa Medical Association, DSFS (Dansk Selskab for Sårheling), ICW (Seminaranbieter Initiative Chronische Wunden). The program was coordinated by Dr Elsa Sanatombi Devi under the mentorship of Dr Judith A Noronha (Dean, MCON) and Dr Ciraj AM (Director MAHE FAIMER International Institute)	
31	CME on Forensic Nursing	Centre for Clinical and Innovative Forensics, KMC Manipal and Department of Psychiatric Nursing, MCON, Manipal, MAHE jointly organized Continuing Medical Education on Forensic Nursing to enhance knowledge among the staff nurses and nursing students of Government and Private Hospitals at Manipal and Udupi.	22 November 2021
32	Global Handwashing Day 2021	As part of Azadi ka Amrit Mahotsav, Department of Fundamentals of Nursing, MCON, MAHE, Manipal has observed Global handwashing day 2021 by organizing an e-poster competition on the theme- "Our Future is at Hand-Let's Move Forward Together" on 23 November 2021. A total of 11 students participated in the	23 November 2021

Sl. No.	Activity	Particulars	Date(s)
33	11th Internal Quality Assurance Cell (IQAC) meeting of MCON, Manipal	<p>e-poster competition. The evaluators for the poster competition were Mr Vinish V, Assistant Professor, Department of Community Health Nursing, MCON, MAHE; Ms Michelle Lewis, Research Associate, Prasanna School of Public Health (PSPH), MAHE; Ms Joyline Prathiksha, MSc Medical Biotechnology, Manipal School of Life Science, MAHE.</p> <p>Agenda: 1. Review/follow up of actions from previous IQAC meeting (10th IQAC). 2. Review of actions initiated based on National Assessment and Accreditation Council (NAAC) peer team observations (2016). 3. Activities planned for the year and progress. 4. Best practices sharing and new initiatives. 5. Review/approval of the Annual Quality Assurance Report 2020-21. 6. Review of Academic audit outcomes (if conducted during the period). 7. Suggestions for Improvement. 8. Any other matter with the permission of the chair.</p>	30 November 2021
34	World AIDS Day 2021	 <p>On the occasion of World AIDS Day, the Department of Fundamentals of Nursing, MCON Manipal, conducted a virtual session on the theme "End Inequalities, End AIDS" on 1 December 2021. Dr Melita Sheilini, Assistant Professor, Selection grade was the resource person. Dr Melita elaborated on the importance of observing World AIDS Day every year and also on the theme "End Inequalities End AIDS". Briefed on Epidemiology of HIV/AIDS, transmission, treatment and how treatment helps an individual. Discussed the Stigma that is present in the society and the discrimination, with clinical examples and emphasized not to discriminate against people living with HIV/AIDS. Elaborated on how to support patients and families and</p>	01 December 2021

Sl. No.	Activity	Particulars	Date(s)
		nursing issues in caring for a patient with HIV. The key message given was to educate people, treat people with HIV/AIDS and make a difference by preventing the transmission of HIV. A total of 100 students participated in this program. A painting competition on the theme "End AIDS and Not People with AIDS" was also held as part of this program. Six students in the first-year BSc Nursing participated in the competition. Ms Melissa Alina D'Souza won first place and Ms Anumol Lukose second place.	
35	Collaboration Series-4 "Sharing International perspectives of nurse training in the UK and India" 	Department of Fundamentals of Nursing, MCON, MAHE, Manipal and Department of Nursing, Edge Hill University, UK organized Academic Student Collaboration Series-4 on "Sharing International perspectives of nurse training in the UK and India" on 3 December 2021 between 4:00 pm and 5:00 pm through MS Teams Virtual Platform. Ms Crystal Venessa Noronha, second-year BSc Nursing student, MCON welcomed the gathering. This event started with the keynote address from Dr Toni Bewley, Senior Lecturer, Department of Nursing, Edge Hill University, who briefed the course on BSc nursing and social work at Edge Hill University. The session continued with the student interaction from both the universities discussing the impact of pandemics on academic activities. The main issues for discussion raised were challenges faced during the pandemic concerning classroom and clinical activities, method of course delivery during the pandemic, the pattern of examination, scope of the course, and placement opportunities. The session was concluded by Dr Radhika, Assistant Professor from MCON, who briefed the	03 December 2021

Sl. No.	Activity	Particulars	Date(s)
		holistic health delivery in an Indian setting and various speciality exposure given to the student nurses in their course for clinical practice. Ms Rowan Chalmers, a student from Edge Hill University, thanked everyone for contributing to this knowledge-sharing event. A total of 27 participants (11 national and 16 international) from MAHE and Edge Hill University participated in this event.	
36	Health Screening and Awareness Program as part of Universal Health Coverage 	As part of Universal Health Coverage Day, the Department of Community Health Nursing and fourth-year BSc Nursing students of MCON, Manipal conducted a "Health Screening and Awareness Program on Prevention of Occupational Diseases and Injuries and Ayushman Bharat Scheme in India on 29 December 2021, for the factory workers at Hirebettu. A health talk on the prevention of occupational diseases/injuries was given by Ms Deeksha and Ms Ankita Pal, fourth-year BSc Nursing students using different Audio Visual Aids presentations. Students also explained the Ayushman Bharat Scheme and its services and demonstrated a few YogaTechnique/Exercises to the employees. Further, health screening for hypertension and diabetes mellitus was done for all the workers of the factory. A total of 24 employees (12 female and 12 male) were screened for their health conditions.	29 December 2021
37	Awareness program on pollution and its prevention 	Second-year BSc Nursing students (Batch-III) along with the faculty, Department of Community Health Nursing, MCON, MAHE organized an awareness program on "pollution and its prevention" on 29 December 2021 at 11:00 am in Vishweshwar Nagar, Hirebettu.	29 December 2021

Sl. No.	Activity	Particulars	Date(s)
38	10th Internal Quality Assurance Cell (IQAC) meeting of MCON, Manipal	Agenda: 1. Review/follow up of actions from previous IQAC meeting (9th IQAC). 2. Review of actions initiated based on NAAC peer team observations (2016). 3. Activities planned for the year and progress. 4. Best practices sharing and new initiatives. 5. Review/approval of the Annual Quality Assurance Report 2020-21. 6. Review of Academic audit outcomes (if conducted during the period). 7. Suggestions for Improvement. 8. Any other matter with the permission of the chair.	29 June 2021

#### Details of Guest Visit (lectures, collaboration, visitors on campus)

##### Guest Lectures:

Sl. No.	Visitor	Name of the Organization	Purpose of Visit	Date of Visit
1	Ms Besi Paul and Ms Cebi Paul	Malankara Orthodox Syrian Church College of Nursing, Kolenchery, Kerala and Founder member of NOSC-The Personal Enrichment and Support Team	MCON, MAHE, Manipal has organized an alumni guest lecture on the topic "Leadership Training Program". The group dynamics, causes of poor group dynamics, how to turn a group into a team and strategies for improving team dynamics. She also stressed leadership development, what makes a leader, the cultural shifts in leadership, the qualities of a good leader and the leadership styles. Ms Cebi Paul highlighted on the communication etiquettes in the workplace and the effective use of language in communication. The sessions were enriched with group activities and enthusiastic participation by the students. The students expressed that the program was interactive and useful in identifying leadership qualities. The session was	23 February 2021; 16 March 2021 and 06 April 2021

Sl. No.	Visitor	Name of the Organization	Purpose of Visit	Date of Visit
2	Capt Philby Babu Menachery	Nursing Officer, Base Hospital Delhi Cantt, New Delhi, India	<p>conducted as a webinar in Microsoft Teams. Fourth-year BSc Nursing students were divided into three batches (32 in each batch) to have better interaction. A total of 97 BSc Nursing students and five faculty members attended the sessions.</p> <p>Department of Obstetrics and Gynaecological Nursing, MCON, Manipal organized an Effective Alumni Engagement Guest Lecture on "Scope of nursing in military services and challenges faced" on 17 April 2021 between 10:00 am and 11:00 am for first and second-year MSc Nursing students and first-year PBBSc nursing and fourth-year BSc Nursing students through Microsoft Teams Platform. Capt Philby Babu Menachery MSc (N) 2013-2015 Batch alumnus, currently working as Nursing Officer, Base Hospital Delhi Cantt, New Delhi, India spoke on the topic. She briefed on Military Nursing, how one can join Military Nursing Services (MNS), the role of nurses in MNS, job responsibilities at different levels for nurses as per their designation, special benefits available to the nurses, activities which are prohibited and challenges faced, and also briefed on some of the carrier opportunities available. A total of 32 participants including students and faculty members of the college attended the session.</p>	17 April 2021

Sl. No.	Visitor	Name of the Organization	Purpose of Visit	Date of Visit
3	Mrs Swathi Acharya K	Assistant Professor - Senior Scale, Welcomegroup Graduate School of Hotel Administration (WGSHA), MAHE, Manipal	As part of Azadi Ka Amrut Mahotsav, 75 years of India's Independence, the Department of Community Health Nursing, organized a webinar on "Awareness on Healthy Lifestyles" on 22 September 2021. Mrs Swathi Acharya K, Assistant Professor -Senior Scale, Welcomegroup Graduate School of Hotel Administration (WGSHA), MAHE, Manipal sensitized the participants that good nutrition plays an important role in maintaining health. She encouraged the students to consume more fruits and vegetables and avoid junk foods. She illustrated the selection of nutrient-dense food when compared to energy-dense food. She also narrated examples of Mindful eating which is essential for weight management and good health. She also highlighted the importance of physical activity and sound sleep and also provided tips for good sleep. A total of 178 participants attended the session which included nursing students, faculty, and non-teaching staff of MCON, MAHE, Manipal	22 September 2021
4	Dr Anice George	MCON, MAHE, Manipal	Guest Lecture on "Love and gratitude" Department of Fundamentals of Nursing, MCON, Manipal organized a Guest Lecture on "Love and Gratitude" on 7 October 2021 between 9:30 am and 10:30 am as part of Deeksharambh, Student Induction Program for	7 October 2021



Sl. No.	Visitor	Name of the Organization	Purpose of Visit	Date of Visit
			the academic year 2021-22 through Microsoft Teams Platform. Dr Anice George, Professor, Department of Child Health Nursing, MCON, MAHE, Manipal addressed the students on the topic. She spoke on the importance of gratitude in shaping one's personality, and the benefits of gratitude on emotional, social, and psychological wellbeing. She further said, gratitude is an expression of unconditional love, which improves our health, increases our self-esteem, and also enhances positive emotions. Dr Anice George stressed the importance of the expression of gratitude in our daily life. A total of 99 first-year BSc Nursing students attended the program.	
5	Dr Padmapriya	Associate Professor and Head, Department of Obstetrics and Gynaecological (OBG) Nursing, Yenepoya College of Nursing	An alumni guest lecture was arranged by the Department of Obstetrics & Gynaecological (OBG) Nursing, MCON, MAHE, Manipal for the UG and PG nursing students on 19 November 2021 through blended mode. The resource person was Dr Padmapriya, Associate Professor and Head, Department of Obstetrics and Gynaecological (OBG) Nursing, Yenepoya College of Nursing (Alumnus of MCON, MAHE, Manipal - MPhil 2008-2010 batch) deliberated a session on "Quality newborn care". She emphasized collaborative sessions between healthcare professionals for improving maternity services and to	19 November 2021

Sl. No.	Visitor	Name of the Organization	Purpose of Visit	Date of Visit
			develop confidence in managing perinatal services. Also, she highlighted "POINTS" i.e., pain management, optimal oxygenation infection control, nutrition, and temperature management of all the newborns. A total of 50 participants attended the session (22 students attended offline and 28 participants attended online through MS teams).	
6	Mrs Anjali K G	Brampton Civic Hospital, Canada	An alumni guest lecture was arranged by the Department of Psychiatric (Mental Health) Nursing, MCON, MAHE, Manipal for the UG and PG nursing students on 17 December 2021 through online mode. The resource person was Mrs Anjali, Registered Nurse (Mental Health) at Brampton Civic Hospital, Canada. She is an alumnus of MCON, MAHE, Manipal: MSc (N) 2011-2013 batch. Mrs Anjali deliberated a session on "Management of aggressive behaviour in a psychiatric setting". She discussed the methods that are utilized in Canadian psychiatric settings to recognise the signs of aggression in a client and emphasized the interventions carried out based on the cultural, ethical, and legal basis. A total of 113 participants (students from third-year BSc, second-year PBBSc and second-year MSc Nursing) attended the session	17 December 2021

Sl. No.	Visitor	Name of the Organization	Purpose of Visit	Date of Visit
7	Ms Sreedevi P S	Nurse Practitioner, EMS ICU, MGM Hospital, Kamothe, Navi Mumbai	Department of Medical-Surgical Nursing, MCON, Manipal organized a Guest Lecture on "Management of Arrhythmias" on 17 December 2021, between 3:00 pm and 4:30 pm to students of the Nurse Practitioner in Critical Care (NPCC) residential program and MSc Nursing through Microsoft Teams Platform. Mrs Sreedevi P S, Nurse Practitioner, EMS ICU, MGM Hospital, Navi Mumbai spoke on the topic. She emphasized reviewing the basic anatomy of the cardiac conduction system, the basics of ECG analysis and a detailed deliberation on the identification of various arrhythmias and their management modalities. A total of 28 participants including first and second-year NPCC students of MCON and MVJ College of Nursing Bangalore, second-year MSc students, alumni members, and faculty members of the department participated in the session.	17 December 2021
8	Mrs Sharrel Lewis	Deputy HoD and Lecturer Department of Nursing, Mohammed Al-Mana College of Medical Sciences	Alumni Guest lecture on "Postnatal Depression" was organized by the Department of OBG (N), MCON, MAHE, Manipal on 23 December 2021. Mrs Sharrel Lewis Deputy HoD and Lecturer Department of Nursing, Mohammed Al-Mana College of Medical Sciences (2005-2007 batch) MSc (N), deliberated on the session. UG and PG students and faculty members participated in the session	23 December 2021



**Details of Publications:**

National		International	
Indexed	Non - Indexed	Indexed	Non - Indexed
12	01	19	2

**Details of Conferences/Workshops conducted by the Institution:**

Particulars	National	International
CME/CDE	25	0
Other	10	0
Conference	01	0
Workshop	3	1
Seminar	5	3

**Books/chapters authored by faculty members:**

Sl. No.	Name of the Book	Chapter(s) name (if authored, chapters only)	Faculty members	Publisher	Date
1	Theoretical Basic for Advanced Practice Nursing		Dr Jyothi Chakrabarty	Elsevier 8131256472	31 December 2021

**Details of Research Grants:**


Sl. No.	Project Name	Principal Investigator	Funding Agencies	Total Grants Received (INR)	Date(s)
1	Establishing a cross-disciplinary Partnership to Explore Women's Everyday Experiences and Infrastructural Challenges of Healthcare Systems in Relation to Maternal and Neonatal Health to Scope Opportunities for Digital Health Technologies in	Dr Judith Angelitta Noronha, Professor and HoD and Associate Dean, Department of OBG Nursing, MCON	University of Leicester, UK	1,00,829.30	01 April 2019 to 30 June 2019

Sl. No.	Project Name	Principal Investigator	Funding Agencies	Total Grants Received (INR)	Date(s)
2	the Global South Developing family and community capacity to provide evidence-informed advanced dementia care and reduce risks of dementia-related elder abandonment and abuse.	Dr Elsa Santombi Devi, Professor and Head, MCON	University of the West of Scotland	6,66,640.00	01 April 2019 to 30 September 2019
3	Indigenizing Evidence Synthesis and Systematic Reviews for International Development and Global Challenges	Dr Baby S Nayak, Professor and HoD, Department of Child Health Nursing, MCON	Scheme for Promotion of Academic and Research Collaboration (SPARC), GOI	10,00,000.00	01 July 2019 to 31 July 2019
4	Indigenizing Evidence Synthesis and Systematic Reviews for International Development and Global Challenges	Dr Baby S Nayak, Professor and HoD, Department of Child Health Nursing, MCON	Scheme for Promotion of Academic and Research Collaboration (SPARC), GOI	15,00,000.00	11 July 2019 to 31 December 2021
5	Effectiveness Of Nursing Intervention Module On Knowledge, Adherence, Complications And Quality Of	Mrs Janet Prameela D'Souza, Assistant Professor, Department of Medical Surgical Nursing, MCON, Manipal	Indian Council of Medical Research (ICMR), New Delhi	5,35,020.00	01 August 2019 to 31 July 2022

Sl. No.	Project Name	Principal Investigator	Funding Agencies	Total Grants Received (INR)	Date(s)
	Life Of Persons Receiving Anticoagulation Therapy-A Randomized Controlled Trial				
6	Impact of a customized nutritional package on macro and micronutrients (MAMN) in wound management among patients of Kasturba Hospital	Dr Latha T, Assistant Professor, Department of Medical Surgical Nursing, MCON	Indian Council of Medical Research (ICMR), New Delhi	4,51,500.00	01 September 2019 to 31 August 2022
7	Effectiveness of a mobile health (mHealth) Cardio-vascular Diseases' Care Program (mHealth CVDCP) for premenopausal and perimenopausal women	Dr Sonia R B D'Souza, Professor, Department of OBG Nursing, MCON Manipal	Public Health Foundation of India and Department of Science and Technology (DST, India)	1,92,092.00	01 September 2019
8	Effectiveness Of Peanut Ball Device During Labour On Maternal and Neonatal Outcomes And Stress Level In Low-Risk Primigravid Women-A Randomized Controlled Trial	Mrs Pratibha, Assistant Professor, Department of OBG Nursing, MCON, Manipal	Indian Council of Medical Research (ICMR), New Delhi	17,96,065.00	01 September 2019 to 31 August 2022

Sl. No.	Project Name	Principal Investigator	Funding Agencies	Total Grants Received (INR)	Date(s)
9	Structure, Staffing, and factors affecting (SSF) Infection Control Nurses (ICNs): National Based Hospital Study	Dr Anice George, Professor and Dean, MCON	Indian Council of Medical Research (ICMR), New Delhi	7,74,000.00	15 October 2019 to 14 October 2022
10	Effectiveness of a mobile health (mHealth) Cardio-vascular Diseases' Care Program (mHealth CVDCP) for premenopausal and perimenopausal women	Dr Sonia R.B D'Souza, Professor, Department of OBG Nursing, MCON Manipal	Public Health Foundation of India and Department of Science and Technology (DST, India)	10,52,720.00	24 October 2019 to 23 October 2020
11	One Day Awareness Programs on Drug Abuse Prevention for College of Nursing, MAHE, Manipal	Dr Binil V, Associate Professor, Department of Mental Health Nursing, MCON, Manipal	National Institute of Social Defence, Ministry of Social Justice and Empowerment, Government of India, New Delhi	4,00,000.00	14 November 2019 to 08 February 2020
12	Effectiveness of yogic mudras and reflexology on climacteric symptoms, sleep, stress, bio-physiological parameters, fatigue, and quality of life among 40-55 years of women in selected areas of Udupi	Mrs Ranjani P, Assistant Professor (senior scale), Department of OBG Nursing, MCON, Manipal	Department of Science and Technology (SATYAM), Government of India, New Delhi	3,18,200.00	3 March 2020


Sl. No.	Project Name	Principal Investigator	Funding Agencies	Total Grants Received (INR)	Date(s)
13	taluk, Karnataka Effectiveness of Capacity Building: Integrating the Palliative Care and Symptom relief into Primary Health Care – An Evaluative approach	Dr Malathi G Nayak, Associate Professor, Department of Community Health Nursing, MCON, Manipal	Indian Council of Medical Research (ICMR), New Delhi	24,40,025.00	5 Nov 2020



#### Awards/Recognitions:

Institution (including "The Best Teacher Award" for the year)

Sl. No.	Name	Details	Date
1	MCON Ranked # 4	MCON Ranked # 4 among India's top 10 undergraduate courses and institutions for BSc Nursing	20 June 2021
2	World Breastfeeding Week Celebration	MCON Manipal Department of Paediatrics, KH, Manipal in collaboration with the Indian Academy of Paediatrics, Udupi branch bagged the "Best Celebration Certificate of Achievement" as part of the World Breastfeeding Week Celebration.	05 October 2021



#### Faculty Members

Sl. No.	Name	Details	Date
1	Mr Vinish V	Second best published research paper in the Scopus indexed Journal-2020	27 February 2021
2	Mr Vinish V	Highest FAIR incentive points for the year 2020	27 February 2021



Sl. No.	Name	Details	Date
3	Dr Judith A Noronha	Award for the maximum number of publications by MCON, MAHE, Manipal	27 February 2021
4	Dr Elsa Sanatombi Devi	Award for the maximum number of presentations	27 February 2021
5	Dr Jyothi Chakrabarty	Award for maximum points for Faculty Award Incentive for Research (FAIR)	27 February 2021
6	Anil Raj A	Second Best Published article in Scopus indexed Journal	27 February 2021
7	Dr Judith A Noronha	Most distinguished alumni award by Father Muller's College of Nursing	3 March 2021
8	Dr Sushmitha Ramona Karkada	Most distinguished alumni award by Father Muller's College of Nursing	3 March 2021
9	Dr Elsa Sanatombi Devi	Faimer International Institute Fellowship 2021-23	21 June 2021
10	Mrs Sweety J Fernandes	Best Poster-Nursing Research Day organized by MCON, MAHE, Manipal (Virtual)	25 September 2021
11	Dr Sushmitha Karkada	Best Poster-Nursing Research Day organized by MCON, MAHE, Manipal (Virtual)	25 September 2021
12	Sweety J Fernandes	Best Poster-World Heart Day organized by Parul Institute of Nursing and Rhythm Heart Institute, Vadodara (Virtual)	29 September 2021
13	Mrs Pratibha	Best Poster-Newborn week organized by MCON, MAHE, Manipal (Virtual)	18 November 2021

#### Students

Sl. No.	Name	Details	Date
1	Ms Jesly Anna James	First Rank holder in BSc (N) outgoing batch 2020. (Aggregate of all four years' total marks)	27 February 2021
2	Ms Jesly Anna James	Best BSc Nursing outgoing student in Community Health Nursing (Theory and Practical).	27 February 2021
3	Ms Jesly Anna James	The first rank in fourth-year BSc (N) 2020	27 February 2021

Sl. No.	Name	Details	Date
4	Ms Jesly Anna James	Proficiency certificate for being topper in Internship	27 February 2021
5	Ms Eden Jude Fernandes	Second Rank of BSc (N) outgoing batch 2020 (Aggregate of all four years' total marks).	27 February 2021
6	Ms Eden Jude Fernandes	Topper of BSc Nursing outgoing batch in Sociology.	27 February 2021
7	Ms Eden Jude Fernandes	Best BSc Nursing outgoing student in Medical Surgical Nursing (Theory and practical) (Aggregate of second and third-year MSN marks)	27 February 2021
8	Ms Jesly Anna James	Second Topper of BSc Nursing outgoing student in Medical Surgical Nursing (Theory and Practical). (Aggregate of second and third-year MSN marks)	27 February 2021
9	Ms Jesly Anna James	First Best Clinical Expertise in BSc Nursing outgoing batch 2020 (aggregate marks of all practical exams)	27 February 2021
10	Ms Jesly Anna James	The topper of BSc Nursing outgoing batch in Communication and Educational Technology	27 February 2021
11	Ms Jesly Anna James	The Best BSc Nursing clinical expertise	27 February 2021
12	Ms Jesly Anna James	Securing Distinction in all four years of BSc Nursing 2016-20 batch	27 February 2021
13	Ms Jesly Anna James	Certificate of appreciation for being topper in fourth-year BSc Nursing	27 February 2021
14	Ms Eden Jude Fernandes	Best BSc Nursing outgoing student in Paediatric Nursing (Theory and practical).	27 February 2021
15	Ms Eden Jude Fernandes	Second Best Clinical Expertise in BSc Nursing outgoing batch 2020 (aggregate marks of all practical exams).	27 February 2021

Sl. No.	Name	Details	Date
16	Ms Eden Jude Fernandes	Securing Distinction in all four years of BSc Nursing 2016-20 batch	27 February 2021
17	Ms Eden Jude Fernandes	Certificate of appreciation for being the fourth topper in fourth-year BSc Nursing	27 February 2021
18	Ms Eden Jude Fernandes	Proficiency certificate for being topper in Internship	27 February 2021
19	Anu Jaison	First rank in fourth- year BSc (N) 2020	27 February 2021
20	Ms Anu Jaison	Certificate of appreciation for being topper in fourth-year BSc Nursing	27 February 2021
21	Ms Anu Jaison	Proficiency certificate for being topper in Internship	27 February 2021
22	Ms Shibi M Shaju	Topper of BSc Nursing outgoing batch in OBG Nursing Practical	27 February 2021
23	Ms Shibi M Shaju	Proficiency certificate for being topper in Midwifery and Obstetrical Nursing Theory and Practical	27 February 2021
24	Ms Maitrayee Sen	Topper in Fundamentals of Nursing (theory and practical).	27 February 2021
25	Ms Maitrayee Sen	First rank student of first-year BSc Nursing 2020	27 February 2021
26	Ms Maitrayee Sen	Certificate of appreciation for being topper in First-year BSc Nursing	27 February 2021
27	Ms Maitrayee Sen	Proficiency certificate for being topper in Anatomy and Physiology	27 February 2021
28	Ms Maitrayee Sen	Proficiency certificate for being a topper in Nutrition and Biochemistry	27 February 2021
29	Ms Maitrayee Sen	Proficiency certificate for being topper in Nursing Foundation Practical	27 February 2021
30	Ms Maitrayee Sen	Proficiency certificate for being a topper in Psychology	27 February 2021
31	Ms Maitrayee Sen	Proficiency certificate for being a topper in Microbiology	27 February 2021
32	Ms Vinita Rosa Monis	First rank student in second-year BSc Nursing.	27 February 2021

Sl. No.	Name	Details	Date
33	Ms Vinita Rosa Monis	Certificate of appreciation for being topper in second-year BSc Nursing	27 February 2021
34	Ms Vinita Rosa Monis	Proficiency certificate for being a topper in Sociology	27 February 2021
35	Ms Vinita Rosa Monis	Proficiency certificate for being topper in Medical Surgical Nursing Theory and Practical	27 February 2021
36	Ms Vinita Rosa Monis	Proficiency certificate for being a topper in Pharmacology, Pathology and Genetics	27 February 2021
37	Ms Vinita Rosa Monis	Proficiency certificate for being a topper in Community Health Nursing-I	27 February 2021
38	Ms Vinita Rosa Monis	Proficiency certificate for being topper in Communication and Education Technology	27 February 2021
39	Ms Anju Michael	Topper of third-year BSc Nursing in Mental Health Nursing Practical.	27 February 2021
40	Ms Anju Michael	First rank student in third-year BSc Nursing	27 February 2021
41	Ms Anju Michael	The Second-Best Clinical Expertise in third-year BSc Nursing 2020. (Aggregate marks of all practical exams of third-year BSc Nursing).	27 February 2021
42	Ms Anju Michael	The topper in Geriatric Nursing and Research and Statistics in third-year BSc Nursing 2020	27 February 2021
43	Ms Anju Michael	Certificate of appreciation for being Topper in third-year BSc Nursing	27 February 2021
44	Ms Anju Michael	Proficiency certificate for being topper in Medical Surgical Nursing Theory and Practical	27 February 2021
45	Ms Anju Michael	Proficiency certificate for being topper in Child Health Nursing Theory	27 February 2021
46	Ms Anju Michael	Proficiency certificate for being topper in Mental Health Nursing Theory and Practical	27 February 2021

Sl. No.	Name	Details	Date
47	Ms Anju Michael	Proficiency certificate for being a topper in Geriatric Nursing	27 February 2021
48	Ms Anju Michael	Proficiency certificate for being a topper in Nursing Research and statistics	27 February 2021
49	Mr Srikantha	The best outgoing student of PBBSc Nursing 2020 (Aggregate of first and second-year total marks)	27 February 2021
50	Mr Srikantha	Certificate of appreciation for being Topper in second-year PBBSc Nursing	27 February 2021
51	Mr Srikantha	Proficiency certificate for being a topper in Sociology	27 February 2021
52	Mr Srikantha	Proficiency certificate for being a topper in Community Health Nursing Theory and Practical	27 February 2021
53	Mr Srikantha	Proficiency certificate for being topper in Mental Health Nursing–Theory	27 February 2021
54	Mr Srikantha	Proficiency certificate for being topper in Introduction to Nursing Research and Statistics	27 February 2021
55	Mr Kenet Marvin Saldanha	Proficiency certificate for being topper in Biochemistry and Biophysics	27 February 2021
56	Mr Kenet Marvin Saldanha	Proficiency certificate for being a topper in Psychology	27 February 2021
57	Mr Kenet Marvin Saldanha	Proficiency certificate for being a topper in Microbiology	27 February 2021
58	Mr Kenet Marvin Saldanha	Proficiency certificate for being topper in Maternal Nursing–Theory	27 February 2021
59	Mr Kenet Marvin Saldanha	Proficiency certificate for being topper in Child Health Nursing–Theory and Practical	27 February 2021
60	Mr Kenet Marvin Saldanha	Proficiency certificate for being topper in Medical Surgical Nursing–Theory and Practical	27 February 2021
61	Ms Gurbinder Kaur	The topper in first-year MSc Advanced Nursing Practice	27 February 2021
62	Ms Gurbinder Kaur	The topper in the first-year MSc Nursing	27 February 2021

Sl. No.	Name	Details	Date
63	Ms Gurbinder Kaur	Proficiency certificate for being topper in Nursing Education-Theory	27 February 2021
64	Ms Joyce Machado	The best MSc Nursing student in Nursing Research (Theory and dissertation) (Outgoing batch).	27 February 2021
65	Ms Joyce Machado	Proficiency certificate for being topper in Dissertation with Viva Voce	27 February 2021
66	Ms Viola Josna Mathias	First Best Clinical Expertise in third-year BSc Nursing 2020. (aggregate marks of all practical exams of third-year BSc Nursing).	27 February 2021
67	Ms Viola Josna Mathias	Certificate of appreciation for being Third Topper in third-year BSc Nursing	27 February 2021
68	Ms Viola Josna Mathias	Proficiency certificate for being topper in Medical Surgical Nursing Practical	27 February 2021
69	Ms Viola Josna Mathias	Proficiency certificate for being topper in Child Health Nursing Practical	27 February 2021
70	Namratha	The topper in Research and Statistics in third-year BSc Nursing 2020.	27 February 2021
71	Mr Shaikh Siraj Salim	Topper of PBBSsc (N) outgoing student in Child Health Nursing (Theory and practical).	27 February 2021
72	Mr Shaikh Siraj Salim	Proficiency certificate for being topper in Mental Health Nursing–Practical	27 February 2021
73	Mr Shaikh Siraj Salim	Proficiency certificate for being topper in Introduction to Nursing Education	27 February 2021
74	Mr Shaikh Siraj Salim	Proficiency certificate for being topper in Introduction to Nursing Administration	27 February 2021
75	Mr Shaikh Siraj Salim	Proficiency certificate for being topper in Research Project	27 February 2021
76	Mr Kenet Marvin Saldanha	The topper in Medical Surgical Nursing theory and practical in first year PBBSsc Nursing, 2020	27 February 2021

Sl. No.	Name	Details	Date
77	Mr Kenet Marvin Saldanha	Certificate of appreciation for being Topper in first year PBBSc Nursing	27 February 2021
78	Mr Kenet Marvin Saldanha	Proficiency certificate for being a topper in Nursing Foundations	27 February 2021
79	Ms Gurbinder Kaur	Proficiency certificate for being a topper in Advanced Nursing Practice	27 February 2021
80	Ms Gurbinder Kaur	Proficiency certificate for being a topper in Nursing Research and Statistics	27 February 2021
81	Ms Gurbinder Kaur	Certificate of recognition for the subject Obstetrics and Gynaecological Nursing Theory and Practical	27 February 2021
82	Ms Priya Laveena Alva	Topper in second-year MSc (N) outgoing batch 2020	27 February 2021
83	Ms Priya Laveena Alva	The best outgoing student of MSc Nursing 2020 (Aggregate of first and second-year total marks)	27 February 2021
84	Ms Priya Laveena Alva	Topper in first-year MSc Nursing Medical Surgical Nursing Speciality (Theory and practical – I) (Outgoing batch).	27 February 2021
85	Ms Priya Laveena Alva	Proficiency certificate for being a topper in Nursing Management	27 February 2021
86	Ms Priya Laveena Alva	Proficiency certificate for being topper in Medical Surgical Critical Care Nursing Theory and Practical	27 February 2021
87	Mr Anant Prem Layall	Topper in first-year MPhil Nursing of 2020	27 February 2021
88	Ms Charmaine Crystal Salins	The Best Research in MPhil Nursing 2020.	27 February 2021

## Photo Archive of Important Events



CME on Forensic Nursing



Webinar on Understanding Emotions



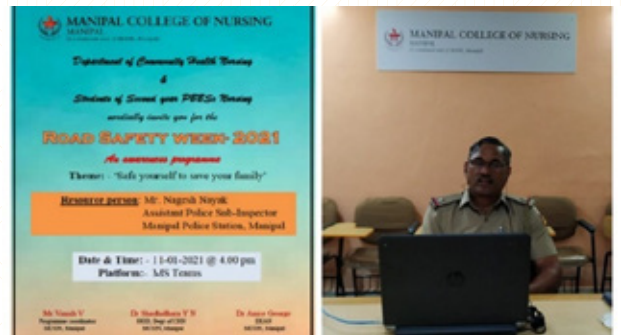
Lamp lighting ceremony



International Nurses' Day



Oration 2021



National Road Safety Week



Beach cleaning as part of 'Clean India'



Health Awareness Program at School



Global Symposium Series





**MANIPAL COLLEGE OF NURSING**  
MANIPAL  
A constituent unit of M.AHE, Manipal

Established: 1990  
Students: 488  
Faculty: 52  
No. of courses: 30  
Alumni: 2005  
Publications\*: 243  
Ongoing funded projects: 14

Established in 1990, MCON provides Nursing education on par with International standards. It offers undergraduate, postgraduate and doctoral level programs in Nursing. With its strong focus in research, MCON is the only nursing college in the country with 52 percent of its faculty possessing doctoral level qualification.

**EDUCATION WORLD INDIA - HIGHER EDUCATION RANKING 2021-2022**

**Ranked #4**  
among India's top 10 undergraduate Courses & Institutes for BSc Nursing

Rank	Institution	Compliance of Quality (20%)	Faculty expertise & Research (15%)	Curriculum and Pedagogy (15%)	Placement (10%)	Infrastructure and Facilities (10%)	Leadership and Quality (20%)	TOTAL SCORE (100)
1	All India Institute of Medical Sciences (AIIMS), Delhi	186	88	85	86	84	90	819
2	Christian Medical College, Vellore	182	88	83	84	82	88	800
3	College of Nursing, Jawaharlal Institute of Postgraduate Medical Education & Research (JIPMER), Puducherry	178	83	81	84	83	86	390
4	Manipal College of Nursing	179	83	82	83	81	84	292
5	Annet Forces Medical College, Pune	177	81	81	83	86	82	383
		175	78	80	80	82	83	378
		173	80	79	79	80	80	371

www.manipal.edu/mcon

MCON Ranked # 4 by Education World Indian 2021-22.




**MANIPAL COLLEGE OF NURSING**  
MANIPAL  
A constituent unit of M.AHE, Manipal

**INVITATION**  
Effective Alumni Engagement  
Guest Lecture Series – 01/2021

**Ms. Bisi Paul** (MSc (N) Batch 2009-2011), Assistant Professor  
Founder member of NQAC-The Personal Enrichment and Support Team  
MCOB College of Nursing, Kerala

**Ms. Cebi Paul**

**Topic: Leadership Training Program**

Date: February 22, March 16 & April 6, 2021  
Time: 9:00 am – 12:00 pm  
Audience: IV Year BSc (N) students  
Mode: MS Teams

**Dr. Baby S Nayak** Professor and HOD  
**Dr. Alice George** Dean

Effective Alumni Engagement

Children's Day Program

# Manipal School of Nursing

Address: MCON, MAHE, Manipal

Phone Number: 0820 2922158

Email-Office: office.son@manipal.edu Principal Email: leena.sequ@manipal.edu



Name of the Principal: **Dr Leena Sequira**

Established: **1959**

## **Details of Programs offered by the Institution:**

- Diploma in Nursing

## **About Institution/School:**

Manipal School of Nursing (MSON) made a humble beginning in the year 1959 because of the insight and wisdom of our founder Dr TMA



Pai who relentlessly worked with the conviction that "education helps to remove the ills of society". The government aid was very little if any. The school took its first steps as the Auxiliary Nurse Midwives training centre and was later upgraded as the General Nursing and Midwifery training centre in the year 1962. The

professional education program is geared to prepare nurses to meet the health needs of individuals, families, the community, and the country at large. The scope of diploma nursing is very vast and includes practice in hospitals, community, industry, air force, navy, army, hospitality sector, education, administration, and many others in the country and abroad. It also forms a strong foundation for advanced courses in nursing. The MSON is reorganized as

a centre for KSDNEB examinations and about 1,300 students from 10 institutions in the Udupi district attend the theory examination. The school is also certified by ISO 9001-2000 and Integrated Management System and accredited by Karnataka Nursing Council and Indian Nursing Council. The annual sanctioned intake of the school is 60 with 10 per cent seats reserved for Government-sponsored candidates and 5 per cent reserved for boys.

### Institutional Activities/Curricular Activities

All other activities in the department relating to the program/course:

Sl. No.	Activity	Particulars	Date(s)
1	Annual day and Lamp Lighting ceremony 2021	Annual Day and Lamp Lighting of MSON, MCON, MAHE was held on Friday, 5 March 2021. Mrs Shamantha H S Principal, Ashrith School of Nursing, Kota, the chief guest for the day's program congratulated students who lit the lamp. She addressed the importance of lighting the lamp. She also said, "Nursing is the work of heart and care is the essence of nursing".	05 March 2021
			
2	(Online) Seminar	MSON, MCON, MAHE, Manipal has organized a seminar on 08 Jul 2021 "Updates in healthcare management" on 8 July 2021. The seminar began with an introduction and welcome speech by Dr Leena Sequira, Principal, MSON, MCON, MAHE Manipal. Dr Judith Angelita Noronha has delivered the keynote address. She expressed that students should not be stagnant in learning. They need to keep updating their knowledge in their profession and move on. The first session was taken by Ms Charlet Jasmine Vaz, Lecturer, MCON, MAHE, Manipal on "Nurses' role in the administration of Medication". It was an informative and interactive session on medication administration. The second session was on "Effective communication in healthcare" by Ms Jeyalakshmi K, Assistant Professor, MCON, MAHE, Manipal. She enlightened the participants on the importance of effective communication in healthcare. The third session was on "legal and ethical issues in patient care" by Ms Chithra Kamath, Deputy Nursing Superintendent Level-2, KH, Manipal. She enlightened the participants on the classification of laws, types of lawsuits in nursing practice and legal responsibilities of a nurse. A total of 62 members participated in the seminar.	
			

## Details of Guest Visit (lectures, collaboration, visitors on campus)

### Guest Lectures:

Sl. No.	Visitor	Name of the Organization	Purpose of Visit	Date of Visit
1	Mrs Irene Lobo Modi 	St. Mary's Hospital Imperial College Healthcare NHS, London	MSON, MCON, MAHE, Manipal organized a guest lecture on the topic "Nursing Standards in UK" by Mrs Irene Lobo Modi on 19 May 2021. The speaker felt proud of being an alumnus of MSON because of which she is confident enough to work anywhere and can manage various critical clinical conditions. Mrs Irene stressed some of the key points in nursing standards like being accountable, promoting health, preventing disease, assessing needs, planning, providing and evaluating care, leading and managing nursing care, working in teams, and improving safety and quality of care. She expressed that one of the very important factors in our communication skills. Also, relationship management skill with our co-workers and competency in clinical skills plays a significant role. She briefly discussed the Advanced Nurse Practitioner (ANP) course and the requirements to work in the UK. A total of 80 participants attended the session. It was a useful and interactive session that could permit the participants to compare and relate with the standards existing in our country.	19 May 2021
2	Mrs Meera Menon 	Texas Health Resources Dallas, Texas, USA	MSON, MCON, MAHE, Manipal organized a guest lecture on the topic "Cardiac Emergencies" by Mrs Meera Menon, on 25 June 2021 through the MS Team platform. Mrs Meera discussed the nurses' need for focusing on the 6 'C's of Nursing qualities which are Care, Compassion, Competence, Communication, Courage, and Commitment. She also emphasized that adapting these qualities during nursing practice would help the clients to develop trust and confidence in a nurse who is taking care of them. She briefly discussed Coronary Artery Disease and its management in the USA with several instances from her experience. She explained the medical management of NSTEMI with a mnemonic - Acute Angina Means Nasty Artery Blockage and Cardiac Complications - Anticoagulants, Antiplatelet, Morphine, Nitroglycerine, ACE Inhibitors, Beta Blockers, ARBS, Cholesterol-lowering medications, Calcium Channel Blockers. She also enlightened the	25 June 2021

Sl. No.	Visitor	Name of the Organization	Purpose of Visit	Date of Visit
			audience on PCI, CABG and heart failure. A total of 103 participants attended the session. It was a useful and interactive session wherein the participants could compare and relate to the standards existing in our country.	
3	Mrs Diana Renita Aranha	Khafji Joint Operation Hospital, Al Khafji, Saudi Arabia	MSON, MCON, MAHE, Manipal organized a guest lecture on the topic "Nursing Leadership" by Mrs Diana Renita Aranha, Assistant Nursing Manager, Khafji Joint Operation Hospital, Al Khafji, Saudi Arabia on 9 September 2021 at 2:30 pm. Mrs Diana discussed on importance, styles, and skills of leadership. She stressed the importance of decision making and effective communication in leadership. She enlightened the participants by giving instances about her clinical experience. She also focused that continuous professional and educational development is vital in a nurse leader A total of 38 participants attended the session. It was a useful and interactive session where participants could acquire knowledge on leadership skills in clinical practice.	09 September 2021



#### Details of Publications:

National		International	
Indexed	Non - Indexed	Indexed	Non - Indexed
1	0	1	0

#### Conferences attended by Institution faculty and students:

Faculty		Student	
National	International	National	International
22	7	1	0

#### Details of Conferences/Workshops conducted by the Institution:

Particulars	National	International
Seminar	1	0

Photo Archive of Important events  
Annual Day and Lamp Lighting ceremony – 2021



## Melaka Manipal Medical College (Manipal Campus)

Address: Madhav Nagar - 576104  
Phone Number: +91 0820 2922520

Email-Office: office.mmmc@manipal.edu

Dean Email: ullas.kamath@manipal.edu



Name of the Dean: **Dr Ullas Kamath**  
Established: 1997

### **Details of Programs offered by the Institution:**

**MBBS:** The MBBS program offered by Melaka Manipal Medical College (MMMC) is the outcome of a Memorandum of Understanding (MoU) between JVMC Corporation Sdn Bhd, Malaysia and Manipal Education and Medical Group (MEMG). The students undergo two years of basic sciences and six months of clinical training in Manipal followed by two and a half years of clinical training in Malaysia. The twinning program and the establishment of the MMMC were approved by the Ministry of Education, Malaysia and the MBBS degree is recognized

by the Malaysian Medical Council and the Government of Malaysia.

**BDS:** The twinning program and the establishment of the MMMC were approved by the Ministry of Education, Malaysia and the BDS degree is recognized by the Malaysian Medical Council and the Government of Malaysia.

### **About Institution/School:**

The MBBS program offered by MMMC is the outcome of a Memorandum of Understanding (MoU) between JVMC Corporation Sdn Bhd, Malaysia and Manipal Education and Medical

Group (MEMG). The students undergo two years of basic sciences and six months of clinical training in Manipal followed by two and a half years of clinical training in Malaysia. The twinning program and the establishment of the MMMC were approved by the Ministry of Education, Malaysia and the MBBS degree is recognized by the Malaysian Medical Council and the Government of Malaysia. The student intake for the year 2019 for MBBS was 209. MMMC started offering the BDS program in 2009 and the intake in 2019 was 64. The Malaysian accreditation

agency granted a five-year accreditation for the MBBS program of MMMC in 2015, a first for a private university in Malaysia. The curriculum follows a hybrid model of delivery incorporating active learning strategies along with traditional methods including lectures, problem-based learning (PBL) and clinical attachments. Other curricular innovations implemented are personal and professional development (PPD) training, mentored student projects (MSP) and Basic Life Support (BLS) course.

## Institutional Activities/Curricular Activities

### New Initiatives:

Sl. No.	Activity	Particulars	Date(s)
1	Gamification in E-Learning An online workshop on how to apply gamification to your learning solutions held on 10 July 2021	The workshop titled "Gamification in E-learning" was aimed at training faculty members from diverse backgrounds on the basics of gamification, including differences between game and gamification, elements of gamification, and real and contextual examples. The hands-on workshop facilitated faculty members to try out gamification scenarios in break-out rooms in MS Teams. Six experts from Harbinger were resource persons from Harbinger	10 July 2021
2	Mentored Student Project	Mentored student project poster presentation of MBBS batch 43, (October 2018 Admissions) for students was held online on the 6 March 2021 between 9:00 am and 1:00 pm. The event was formally inaugurated by Dr Satish Rao Director – Research, MAHE, Manipal. During the inaugural address, Dr Satish Rao congratulated the students for their passion for undertaking research work and emphasized the significance of research to undergraduate medical students. Twenty-one posters on diverse topics were presented.	6 March 2021
3	Mentored Student Project	Mentored student project online poster presentation of batch 44, (April 2019 Admissions) for students was held on 4 September 2021 between 2:00 to 4:30 pm. The event was formally inaugurated by Dr Judith A Noronha, Dean, MCON, MAHE, Manipal. During the inaugural address, she opined that the present education system demands nurturing the undergraduate students to develop basic skills of research to imbibe in them the skills of critical thinking, inquisitiveness, analytical and creative skills, professional networking skills, and public speaking skills. Working in groups in a research project will build the communication and team skills of students. Twenty-four posters on various topics were presented by students.	4 September 2021



### All other activities in the department relating to the program/course:

Sl. No.	Activity	Particulars	Date(s)
1	MRM and IQAC Meeting	Invitees were Mr Rennie D'Souza, Dr Vidya Prathap (External Members) Dr Sandeep Shenoy, Director, Compliance, MAHE and Dr Christopher Sudhakar, Director, Quality, MAHE. Review of Quality and Environmental policy is measurable as per new IMS objectives (IoE 5 year rolling implementation plan) and the extent to which objectives and targets have been met. Recommendations for improvement were discussed	27 January 2021
2	MRM and IQAC Meeting	Invitees were Dr Vidya Prathap (External Members) Dr Sandeep Shenoy, Director, Compliance, MAHE and Dr Christopher Sudhakar, Director, Quality, MAHE. Review of Quality and Environmental policy is measurable as per new IMS objectives (IoE 5 year rolling implementation plan) and the extent to which objectives and targets have been met. Recommendations for improvement were discussed.	6 August 2021

### Details of Guest Visit (lectures, collaboration, visitors on campus)

#### Guest Lectures:

Sl. No.	Visitor	Name of the Organization	Purpose of Visit	Date of Visit
1	Dr Kavitha Saravu, Professor, Department of Infectious Disease	KMC, Manipal	Clinical Update - Topic - Approach to acute tropical febrile illness	16 December 2021

Microbiology



#### Details of Publications:

National		International	
Indexed	Non - Indexed	Indexed	Non - Indexed
88	5	1	0

#### Conferences attended by Institution faculty and students:

Faculty		Student	
National	International	National	International
20	6	2	3

#### Details of Research Grants:

Sl. No.	Project Name	Principal Investigator	Funding Agencies	Total Grants Received (INR)	Date(s)
1	Studies on the role of HDAC inhibitors in reprogramming cancer cell metabolism to reverse cisplatin resistance in patient-derived xenograft model of ovarian cancer	Dr Vasudha Devi, Professor, Department of Pharmacology	ICMR	9,54,000	25 February 2021

Pharmacology



**Awards/Recognitions:  
Faculty Members**

Sl. No.	Name	Details	Date
<b>Biochemistry</b>			
1	Ms Akshatha Ganesh Nayak, Senior Grade Lecturer in Biochemistry	Ms Akshatha has been awarded Organizing Committee Award for the Oral Paper presentation on the topic "Methanolic extract of Andrographis paniculata as a potent supplement to anti-snake venom in mitigating Naja naja venom-induced edema" at the 47th National Conference of Association of Clinical Biochemists of India held from 12 to 15 December 2021 in Hybrid mode.	15 December 2021
<b>Pharmacology</b>			
1	Dr Shakta Mani Satyam, Assistant Professor, Department of Pharmacology, MMMC	Dr Shakta has received the "Best Research Paper Award" for the research paper entitled "Methyl gallate attenuates doxorubicin-induced cardiotoxicity in rats by suppressing oxidative stress" in a National E-Symposium on "Inculcation of Research and Innovation Spirit in Postgraduate Medical Students and Faculty" held on 20 and 21 March 2021 under the aegis of National Academy of Medical Sciences (NAMS), organized by ICMR and Institute of Medical Sciences, Banaras Hindu University (BHU).	20 March 2021

**Students**

Sl.No.	Name	Details	Date
<b>Anatomy</b>			
1	Mr B Pugazhandhi, Research scholar, Department of Anatomy	Mr B Pugazhandhi has won the Second Prize for the poster entitled "Effect of Saraswata Churna on the behavioural changes in a pilocarpine-induced rat model of epilepsy" at the 2nd International Conference on Neuroscience and Neurology –2021" organized by the International Association of Neuroscience (IAN) and Bio Leagues Worldwide held on 17 and 18 July 2021.	17 July 2021

**Photo Archive of Important events**



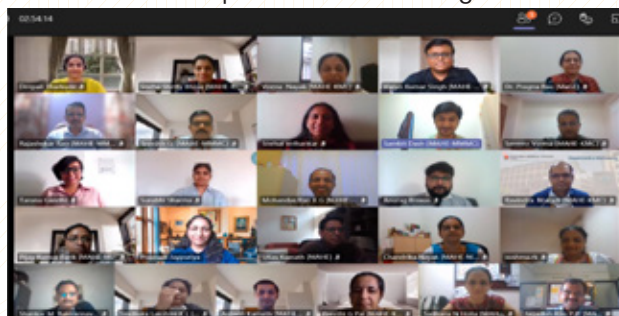
Clinical Update



MSP September 2021 – Judges



General Studies-Online poster presentation - MSP September 21



Workshop on gamification

# Manipal College of Health Professions, Manipal

Address: Madhava Nagar, Manipal, Manipal 576 104

Phone Number: 0820 29 22704/22705

Email-Office: dean.mchp@manipal.edu

Dean Email: arun.maiya@manipal.edu



Name of the Dean: **Dr G Arun Maiya**

Established: **1999**

## Details of Programs offered by the Institution:

### UG Courses

- Bachelor of Physiotherapy - BPT
- Bachelor of Occupational Therapy - BOT
- Bachelor in Audiology and Speech Language Pathology
- BSc (Nuclear Medicine Technology)
- BSc (Medical Laboratory Technology)
- BSc (Respiratory Therapy)
- BSc (Medical Imaging Technology)
- BSc Emergency Medical Technology
- Bachelor of Optometry
- BSc (Anaesthesia and Operation Theatre Technology)
- BSc (Cardio Vascular Technology)
- BSc Renal Replacement Therapy and Dialysis Technology
- BSc (Health Information Management)
- BSc (Exercise and Sports Sciences)
- BSc Exercise and Sports Sciences Honours
- BSc Psychology
- BSc Psychology Honours

- BSc (Perfusion Technology)
- BSc (Clinical Nutrition and Dietetics)
- BSc Radiotherapy Technology

### **PG Courses**

- MSc in Audiology
- MSc in Speech Language Pathology
- MSc (Renal Replacement Therapy and Dialysis Technology)
- Master of Optometry (MOptom)
- MSc (Clinical Psychology)
- MSc (Echocardiography)
- MSc (Cardiac Cath and Intervention Technology)
- MSc (Exercise and Sports Sciences)
- MSc (Health Information Management)
- MSc Health Informatics (Healthcare IT Management)
- MSc (Medical Imaging Technology)
- MSc (Medical Radiation Physics)
- MSc (Nuclear Medicine Technology)
- MSc (Perfusion Technology)

### **MSc Respiratory Therapy (MSc RT)**

- MSc (RT) Adult Respiratory Care
- MSc (RT) Neonatal and Paediatric Respiratory Care

### **Master of Physiotherapy (MPT)**

- MPT (Cardiopulmonary Sciences)
- MPT (Community Physiotherapy)
- MPT (Musculoskeletal Sciences)
- MPT (Neurosciences)
- MPT (OBG)
- MPT (Paediatrics)
- MPT(Geriatrics)

### **Master of Occupational Therapy (MOT)**

- MOT (Developmental Disabilities)
- MOT (Hand and Musculoskeletal Conditions)
- MOT (Mental Health & Psychosocial Rehabilitation)

- MOT (Neuro Rehabilitation)

### **MSc Medical Laboratory Technology (MLT)**

- MSc MLT (Clinical Biochemistry)
- MSc MLT (Microbiology and Immunology)
- MSc MLT (Public Health Laboratory Sciences)
- MSc MLT (Haematology and Immunohaematology)

### **Super Speciality Course**

- MPhil (Clinical Psychology)

### **Advanced and Basic Certificate Courses**

- Advanced Certificate Course in EEG and Clinical Neurophysiology Technology
- Advanced Certificate Course In ENT Technician
- Basic Certificate Course in ECG
- Basic Certificate Course in Prosthetics and Orthotics
- Basic Certificate Course in Orthopaedic Trauma Operation Theatre Technician
- Basic Certificate Course on Diabetic Foot Care Educator
- Certificate Course in Hand Splinting
- Certificate Course in Laboratory Safety
- Certificate Course in Laboratory Quality Management
- Certificate Course in Voice Rehabilitation after Laryngectomy

### **About Institution/School:**

Manipal College of Health Professions (MCHP) formerly known as the School of Allied Health Sciences (SOAHS) is the first and largest full-fledged college of health professions in India and Far East Asia. The institution is providing quality education, research and clinical training in allied health programs having 2,858 students from 23 countries and offering on four campuses. Currently, MCHP is the second-largest institution of MAHE.

## Institutional Activities/Curricular Activities

### New Initiatives:

Sl. No.	Activity	Particulars	Date(s)
1	Open Elective: Radiation Protection and Safety Considerations	Department of Medical Imaging Technology and Department of Nuclear Medicine started new open elective Radiation Protection and Safety Considerations 1. This module provides fundamental knowledge of radiation and its interaction with matter. 2. This module provides details about units of measurement of radiation. 3. This module emphasises on Principles and objectives of radiation safety. 4. This module provides insight into the biological effects of radiation	20 August 2021

### Cardiovascular Technology

1	Open Elective: Basic and Advance ECG Interpretation	This program will exhibit and demonstrate the knowledge acquired by learning the basic concepts of electrocardiogram, cardiac conduction abnormalities and various ECG abnormality detection and interpretation will be taught	01 September 2021
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### Medical Laboratory Technology

1	Haematology and Immunohaematology	The MSc MLT specialisation program provides an opportunity to develop specialized skills in academic, clinical training and research in the field of Haematology and Immunohaematology. Students are trained to acquire specialized skills in Haematology and Immunohaematology which includes academics, clinical postings and research. They are also trained to manage and maintain the quality assurance in the haematology and immunohaematology laboratory	01 July 2021
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### Optometry

1	Open Elective: Evidence Based Practice	"At the end of this course, the student should be competent to construct an evaluation and management plan for various health-related conditions based on EBP principles: 1. Explain the principles of Evidence-Based Practice.	06 September 2021
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Sl. No.	Activity	Particulars	Date(s)
		2. Explain the process of a systematic review and meta-analysis. 3. Demonstrate the process of literature search using various databases and explain the level of evidence. 4. Adapt critical appraisal methods, interpret data and apply scientific evidence in practice. 5. Construct an evidence-based clinical management plan and define the audit methods.	
<b>Physiotherapy</b>			
1	Open elective: Physical activity	This module was designed to Gain knowledge in Physical Activity (PA) and to Sensitize the community regarding the importance of Physical Activity. Mr Mukesh Kumar Sinha, Assistant Professor- Selection grade, Department of Physiotherapy was the coordinator for the program.	13 September 2021
<b>Speech and Hearing</b>			
1	Development of Swallowing centre	To develop a comprehensive multidisciplinary clinic for assessment and management of individuals with swallowing disorders. Focused services for a) Paediatric swallowing disorders, b) Head & neck oncology cases, c) Neurology related swallowing disorders d) geriatric services e) Family centered approach. To foster innovation, and to train/mentor students, researchers and health care providers in this area. To conduct training courses and workshops for the benefit of novice as well as practicing therapists.	01 June 2021 to 01 June 2023
2	Open Elective: Noise and Its effects and protection	This course is designed to facilitate students to learn different parts of the ear and the process of hearing, noise and its effects on the human auditory system and other systems, identify and classify different noise sources, evaluate noise and its abatement and measure approximate noise levels and choose ways to protect ears.	15 September 2021






All other activities in the department relating to the program/course:



Sl. No.	Activity	Particulars	Date(s)
1	Research Activity 	MCHP Student Research Forum conducted a session on "Manuscript Writing - Do's and Dont's"	11 January 2021
2	Workshop 	HPEU MCHP conducted Workshop on Research Ethics for Post graduate students of MCHP Broad area / theme: Research Ethics	3 February 2021
3	Workshop 	HPEU MCHP conducted Enhancing Student Engagement in online settings Broad area / theme: Identify basic principles of student engagement needed during online teaching	6 February 2021
4	Workshop 	HPEU MCHP conducted Orientation session on Framing learning objectives based on OBE curriculum Broad area / theme: For OBE curriculum	12 Feb 2021
5	Research Activity 	"Institutional Research Committee (IRC) conducted a Workshop on Research Ethics and Proposal submission to IEC for 1 year PGs"	3 Mar 2021
6	Workshop 	HPEU MCHP conducted Faculty Development in Health Professions - looking forward & beyond Broad area/theme: To reiterate the importance of faculty development programs to fulfil the roles and expectations of health professions faculty	9 Mar 2021
7	Workshop 	HPEU MCHP conducted Webinar on Teaching & Learning the Doodle way Broad area / theme: Teaching and Learning	24 March 2021
8	Research Activity 	MCHP Student Research Forum conducted a session on Overcoming Publication Difficulties by Dr Ashokan Arumugan	27 March 2021



Sl. No.	Activity	Particulars	Date(s)
9	Research Activity 	"Institutional Research Committee (IRC) conducted Manuscript Writing Workshop for second-year Postgraduates of MCHP"	27 April 2021
10	Research Activity 	MCHP Student Research Forum conducted Session on "p-values and probabilities' by Dr Shonraj Ballae Ganesh Rao	28 April 2021
11	Research Activity 	"Institutional Research Committee (IRC) conducted a session on "Intellectual Property Rights (IPR)" by Dr Manthan D Janodia, Head of the Department of Pharmacy Management, Manipal College of Pharmaceutical Sciences, MAHE,"	17 August 2021
12	IQAC meeting	IQAC meeting conducted to review Curricular aspects, Teaching, Learning and Evaluation, Research Innovation and Extension, Infrastructure and Learning resources, Student support and Progression, Governance, Leadership and Management, Institutional values and Best Practices.	25 August 2021
13	Research Activity 	Institutional Research Committee (IRC) conducted Session on "Entrepreneurship and Innovation" by Dr Manesh Thomas, CEO-Bioincubator, MAHE.	27 September 2021
14	Alumni Re-union	Institutional Alumni Relations & Industry Liaison Committee of MCHP conducted Virtual alumni reunion for batch 1995-96 and 1996-97 There were 73 Alumni in total who attended the event out of which 35 were guest alumni from 95 and 96 batch.	27 November 2021
15	Research Activity 	"Institutional Research Committee (IRC) conducted Protocol Writing Workshop for all first-year post-graduate students of MCHP "	10 December 2021
16	Workshop 	HPEU MCHP conducted ABC of Teaching and Learning in Health Professions Education for second semester postgraduate program of Manipal College of Health Professions. This workshop will help the postgraduate students in understanding and integrating the principles of adult learning, applying the educational philosophy, teaching learning methods and learners assessment.	24 Mar 2021








Sl. No.	Activity	Particulars	Date(s)
<b>Cardiovascular Technology</b>			
1	Keynote address	Mr Nithin Lalu Batch of 2013 currently working as a Senior Cardiac Physiologist at Homerton University Hospital NHS Organization, Hackney, London, UK delivered a keynote address on 5th June 2021, at 12:30 pm IST through MS Teams. He spoke about the opportunities for CVT graduates abroad. In the beginning, he shared his thoughts and experience during his student life at Manipal and praised the department, college and University for giving him ample opportunities.	05 June 2021
2	World Heart Day 2021 	Department of Cardiovascular Technology along with Dept. of Cardiology KMC, Manipal with collaboration with Higher and Secondary Education BEO Mr Nagendra, Udupi District celebrated World Heart Day 2021 on 29 September 2021. By donating school bags to Hiriadka Government school students (175bags) and Rajiv Nagar Government school students (125bags), which was contributed by Lupin pharmaceutical company.	29 September 2021
3	BLS Awareness program 	Department of Cardiovascular Technology, MCHP, MAHE, Manipal conducted the "BLS Awareness program" on 17 November 2021 at U S Nayak High School, Patla, Herebettu, Manipal. The program was focused on creating awareness of Basic Life Support among school students and their parents. Demo sessions on basic life support system using mannequins and a brief talk on nutrition and a healthy diet were addressed by Dr Krishnananda Nayak, Associate Professor and Head, Department of CVT, MCHP, MAHE along with his team which included faculty colleagues and interns. It was an interactive session imparting the need of knowing basic life support measures.	17 November 2021
<b>Clinical Psychology</b>			
1	World Mental health Day 	Department of Clinical Psychology, MCHP, MAHE has commemorated World Mental health Day on 18 and 19 October 2021, Based on the theme put forward by the World Health Organization (WHO) that is "Understanding Mental Health in the light of Empathy"	18 October 2021 to 19 October 2021






Sl. No.	Activity	Particulars	Date(s)
<b>Exercise and Sports Science</b>			
1	International Women's Day 	Department of Exercise and Sports Science, MCHP, MAHE has commemorated International Women's Day by conducting Women's Fitness Week	9 March 2021 to 13 March 2021
<b>Health Information Management</b>			
1	HIM Week 	Department of Health Information Management celebrated HIM Week in the third week of October 2021. This year department worked on the Relevance of Medical Coding in reporting COVID-19 associated complications. A poster presentation was conducted on this theme.	19 October 2021
<b>Medical Imaging Technology</b>			
1	Webinar 	Department of Medical Imaging Technology, MCHP, MAHE, Manipal organised a webinar. Mr Ninan Cherry Jacob from Fatima College of Health Sciences, UAE delivered a talk on the "Scope of Medical Imaging, Now and Future", on 08 November 2021, 6:00 to 7:00 pm through Microsoft teams. He secured a master's degree in Medical Imaging Technology from SOAHS, Manipal University, Udupi, Karnataka in the year 2013 and is currently working as a Lab Specialist, Department of Radiography and Medical Imaging, Fatima College of Health Sciences, Institute of Applied Technology, Near Tawam Hospital, Al Ain, UAE	8 November 2021
2	World Radiography Day	It is celebrated to commemorate the discovery of X-rays by German scientist Wilhelm Conrad Roentgen. It is also known as World Roentgen Day	8 November 2021
<b>Medical Laboratory Technology</b>			
1	Distinguished Lecture Series - VI Session II  	Distinguished Lecture Series - VI Session II: Department of Medical Laboratory Technology, MCHP organized Distinguished Lecture Series - VI Session II on "Healthy diet" on 6 February 2021 by Dr Jamuna Prakash, Visiting Professor for Developing countries under International Union of Food Sciences and Technology International Union of Food Science and Technology (IUFoST) and Department of Food Science and Biotechnology, Zhejiang Gongshang University China, former Professor of Food Science and Nutrition University of Mysore through MS Teams	6 February 2021

Sl. No.	Activity	Particulars	Date(s)
2	International Biomedical Laboratory Science Day	Department of Medical Laboratory Technology, MCHP, MAHE, Manipal has conducted International Biomedical Laboratory Science Day on 15 April 2021 through online platforms. The theme for the IBLS day was on Prevention of COVID-19 and there were different competitions conducted like the write up on COVID-19, Poster presentations, poetry	15 April 2021
3	Distinguished Lecture Series - VI Session III: 	Distinguished Lecture Series - VI Session III: Department of Medical Laboratory Technology, MCHP organized Distinguished Lecture Series - VI Session III on "Infections and coagulation with COVID implications" on 22 May 2021 by Dr Sushma Belurkar, Associate Professor, Department of Pathology, Kasturba Medical College, Manipal, Incharge of Haematology and Clinical Pathology Laboratory, KH, MAHE, Manipal through MS Teams.	22 May 2021
4	Alumni webinar 	Alumni webinar: Department of MLT, MCHP, conducted an alumni webinar on 13 August 2021 by Mr Ashwani Sharma, MSc MLT, Medical Technologist Grade – I, Department of Biochemistry, Dubai hospital, Dubai on "Career guidance for Medical Laboratory Technologist" online platform MS Teams.	13 August 2021
5	Distinguished Lecture Series - VI Session IV: 	Distinguished Lecture Series - VI Session IV: Department of Medical Laboratory Technology, MCHP organized Distinguished Lecture Series - VI Session IV on "Role of Biochemical markers in COVID-19" on 14 August 2021 by Dr Varashree B S, Professor and Head, Department of Biochemistry, Kasturba Medical College, Manipal, through MS Teams	14 August 2021
6	Distinguished Lecture Series - VI Session V: 	Distinguished Lecture Series - VI Session V: Department of Medical Laboratory Technology, MCHP organized Distinguished Lecture Series - VI Session V on "The Saga of Mucormycoses amidst the COVID-19 pandemic" on 4 September 2021 by Dr Peralam Yegneswaran Prakash, Associate Professor, In-charge, Medical Mycology Laboratory, Department of Microbiology, KMC, Manipal, through MS Teams.	04 September 2021
<b>Nuclear Medicine</b>			
1	Alumni webinar 	The Department of Nuclear Medicine, MCHP, Manipal organized an alumni webinar program through MS Team on 22 May 2021. The guest talk from our proud alumni batch 2005, Dr Ravi Ranjan Kumar Research Associate Centre for Nuclear	22 May 2021

Sl. No.	Activity	Particulars	Date(s)
		Medicine, Punjab University, and Department of Biophysics, PGIMER Chandigarh, gave lectures on the topic titled "In-vivo Imaging of Cancer sialylation". The session commenced at 10:00 am to 11:00 am to students, research scholars, and faculty from Nuclear Medicine, including other departments and alumni also attended. Totally 83 members joined this webinar.	
<b>Occupational Therapy</b>			
1	OT Euphoria 2021	It is celebrated on the occasion of World Occupational Therapy Day. This event included various student activities along with a Continuous Occupational Therapy Education (COTE) program on Cognitive Rehabilitation in Neurological conditions.	27 October 2021 to 29 October 2021
<b>Optometry</b>			
1	World Sight Day	The Department of Optometry conducted World Sight Day (Free eye examination for MAHE students and staff) from 1 to 30 September 2021. A total number of 97 participants were screened and patients were referred to purchase spectacles from Ineeds Opticals at a discounted price.	01 September 2021 to 30 September 2021
2	Symposium on Advanced contact lens fitting and Trouble shooting	In Commemoration to World Sight Day, the Department of Optometry, MCHP, MAHE, Manipal has organized a symposium on advanced contact lens fitting and troubleshooting on 29 October 2021 from 9:00 am to 1:00 pm as a hybrid model with participants connected both offline and online. This is the first of its kind in MCHP during this pandemic. The chief guest for the symposium was Dr G Arun Maiya, Dean, MCHP and the guest of Honour was Dr Sulatha V Bhandary, HoD Ophthalmology. We have International and National guest speakers who were well versed in their area of expertise.	29 October 2021
			
<b>Physiotherapy</b>			
1	Indo-Canadian Conference on Disability Rights and Rehabilitation	The conference was initiated with professionals from India and Canada. The Indian experts were from MAHE, National Institute of Urban Affairs, Public Health Foundation India, Amar Seva Sangam, and other social activists. The Canadian counterparts were from the School of Physiotherapy and Occupational Therapy, and the Faculty of Law from McGill University. The virtual conference was conducted on 11 and 12 March 2021. Six themes were discussed including; health, rehabilitation,	11 March 2021 to 12 March 2021
			




Sl. No.	Activity	Particulars	Date(s)
		policies, humanitarian activities, accessibility, leisure, work, sexual health, and sexuality from the discipline of Disability Studies. The conference also accommodated sixteen e-Poster presentations by delegates.	
2	Transcranial Direct Current Stimulation (TDCS) for promoting motor function and Neuroplasticity	The webinar was conducted on 19 March 2021 from 8:00 am onwards. Dr Anjali Sivramakrishnan (MPT 2010), Assistant Professor, Department of Physical Therapy, School of Health Professions, UT Health, San Antonio, Texas was invited as the alumni speaker of the program. The main objective of the webinar was to describe the neurophysiological mechanisms and types of Transcranial Direct Current Stimulation (TDCS)	19 March 2021
			
3	Overcoming Publication difficulties	Dr Ashokan Arumugam, Assistant Professor, Department of Physiotherapy, College of Health Sciences, University of Sharjah, UAE and Adjunct faculty at the Department of Physiotherapy, MCHP conducted an online session on "overcoming Publication difficulties" for the Student Research Forum (SRF), MCHP, MAHE, Manipal on 27 March 2021.	27 March 2021
			
4	Sports injuries- Overview and Perspectives	The webinar was conducted on 24 June 2021 from 2:00 pm onwards. Mr Sumansh Sivalanka (MPT 2011), Physiotherapist with the senior national camp of the Indian badminton team under the Sports Authority of India was invited as the alumni speaker of the program. The talk dealt with understanding the practical notions for sports injuries and the concepts and guidelines for the management of such sports injuries	24 June 2021
			
5	Movement Health: Evaluation and Enhancement through Kinetic control	The webinar was conducted on 16 July 2021 from 3.30 pm onwards. Ms Priyank Golcha, (MPT 2009), Kinetic control tutor, UK was invited as the alumni speaker of the program. The objective of the talk was to build a rationale for the clinical assessment of movement coordination strategies and to present a clinical framework for individualized management.	16 July 2021
			

Sl. No.	Activity	Particulars	Date(s)
6	World Physiotherapy Day 	The Department of Physiotherapy celebrated World Physiotherapy Day Celebration on 8 September 2021, 5:00 pm onwards (Online mode -MS team). Several students and all the faculty of the Department of Physiotherapy attended the program through online mode. The celebration commenced with a welcome address by Dr John Solomon M, Associate Professor-Senior Scale, Head of Department, Department of Physiotherapy and Inaugural address by Dr G Arun Maiya, Dean, MCHP, Professor, Department of Physiotherapy, Chief-Centre for Diabetic Foot Care and Research (CDFCR). Mr Vimal Palanichamy, Senior Principal Physiotherapist Singapore General Hospital, Singapore was invited as the keynote speaker for the program and he gave a talk on "Fit Physio competition was held from 9 September 2021 to 16 September 2021". Dr Vaishali K, Professor, Department of Physiotherapy, MCHP, MAHE, Manipal was invited as the in house speaker and she gave a talk on "Physiotherapy management in COVID-19 survivors". As part of the World Physiotherapy Day Fit Physio competition was held from 9 September 2021 to 16 September 2021.	08 September 2021 to 16 September 2021
7	Knowledge Translation - Looking beyond P values 	The webinar was conducted on 9 October 2021 from 5:00 pm onwards. Dr Shikha Saxena, (MPT 2009), Researcher at the Centre for surveillance and Applied Research at the public health Agency, Ottawa, Canada was invited as the alumni speaker of the program. The webinar was about understanding knowledge translation as a concept; knowledge of frameworks that guide knowledge translation research; application of knowledge translation in rehabilitation research. "	09 October 2021
8	Brain injury Rehabilitation 	The webinar was conducted on 22 October 2021 from 05.00 pm onwards. Ms Pooja Mahatme (BPT 2003), Clinical and academic lead of the brain injury rehabilitation team and program, Florida, USA was invited as the alumni speaker of the program. The webinar dealt with the core principles of brain injury Rehabilitation based on the Scottish intercollegiate network and the therapeutic approaches in Brain injury patients and how they differ from other neurologically involved patients.	22 October 2021

Sl. No.	Activity	Particulars	Date(s)
9	Clinical Neurodynamics 	The Department of Physiotherapy, MCHP had organized a workshop on "Clinical Neurodynamics" from 18 November 2021 to 21 November 2021. Mr Kiran Challagundla (BPT 1997), Senior Physiotherapist, Indian Badminton Team and Director, Maitland's Foundation for Sports and Manual Therapy conducted the four days workshop. Around 38 students from the Department of Physiotherapy actively participated in the workshop.	18 November 2021 to 21 November 2021
10	Workshop on Clinical Neurodynamics 	The Department of Physiotherapy, MCHP has organized a workshop on "Clinical Neurodynamics" from 18 November 2021 to 21 November 2021. Mr Kiran Challagundla (BPT 1997), Senior Physiotherapist, Indian Badminton Team and Director, Maitland's Foundation for Sports and Manual Therapy conducted the four days workshop. Around 38 students from the Department of Physiotherapy actively participated in the workshop.	18 November 2021 to 21 November 2021
11	Jishnu day webinar on Sports injuries and Management guidelines 	On the occasion of Jishnu day, the Department of Physiotherapy in association with the Jishnu Sasikumar charitable foundation held a webinar on "Sports injuries and Management guidelines" 20 November 2021. Mr Kiran Challagundla (BPT 1997), Senior Physiotherapist, Indian Badminton Team and Director, Maitland's Foundation for Sports and Manual Therapy was invited as the resource faculty for the webinar. The webinar was attended by the faculty, students of the Department of Physiotherapy and the Jishnu family.	20 November 2021
12	Understanding the role of Diaphragm and stability 	The webinar was conducted on 22 November 2021 from 5.00 pm onwards. Dr Rina Pandya (BPT 1996), Formerly Department Head, Physical Therapy Department, Premier Private Hospital, Oman was invited as the alumni speaker of the program. The webinar included the topics such as anatomy and physiology of the diaphragm, physical and physiological effects of mechanical ventilation and diaphragmatic exercises through different stages of rehabilitation.	22 November 2021
13	Expanding horizons in Obstetric Health and Urogynecological 	The webinar was conducted on 23 December 2021 from 4:00 pm onwards. Dr Vinodha Vunnam (BPT 1996), Consultant clinical Physiotherapist, Apollo cradles, KIMS cuddles and Ankura hospitals, Hyderabad was invited as the alumni speaker of the	23 December 2021

Sl. No.	Activity	Particulars	Date(s)
	Rehabilitation 	program. In her webinar, she discussed the body balancing techniques to help during pregnancy for an easier birth and recognised the unique role of Physiotherapists in obstetric health and urogynecological Rehabilitation.	
<b>Renal Replacement Therapy and Dialysis Technology (RRT and DT)</b>			
1	World Kidney Day	Department of RRT and DT, MCHP, MAHE has commemorated World Kidney Day on 11 March 2021. Based on the theme "Living well with kidney disease"	11 March 2021
2	Key Note address	Conducted Keynote address through MS teams on "Career opportunities with dialysis technology background - My journey and experience" on 26 October 2021 at 2:00 pm from Mr Bhaskar Tiwary, batch of 2014-15 who is currently working as a District MLE Officer, Concurrent measurement and learning unit, Bihar technical support program, CARE India. The resource person shared his journey from RRT and DT to public health and how his dialysis technology background is helping his career. He also shared his knowledge in the field of research and encouraged students to do more research-related activities. Interacted with the students regarding career opportunities. A total of 60 members attended this event.	26 October 2021
<b>Speech and Hearing</b>			
1	World Hearing Day  	Department of Speech and Hearing, MCHP, MAHE has commemorated World Hearing Day on the first week of March 2021 with support from Rotary club Ambalpaday. Based on the theme put forward by World Health Organization (WHO) that is "Hearing care for all – Screen – Rehabilitate- Communicate", the department took an initiative by organizing a tele-hearing screening and online questionnaire survey for the cause	01 March 2021 to 06 March 2021
2	World Voice Day 	Department of Speech and Hearing, MCHP, MAHE had organized World Voice Day. The theme for this year's voice day was "One World Many Voices". When we say a World, it is full of people, and only when they speak do they get to know who the person is, therefore, the voice makes each one of us unique and voice is also regarded as the reflection of the soul. Although we stay in one world, people are many and so are the voices. There are	16 April 2021



Sl. No.	Activity	Particulars	Date(s)
3	Seminar 	individuals with normal voice, there are individuals living with dysphonia and there are individuals living with transvoice and there are living individuals with alaryngeal voice also. We need to understand and appreciate each type of voice. The Department of Speech and Hearing, MCHP, MAHE, conducted an online seminar on the topic "Bilingualism and Its effects of Neurogenic Impairments - A focus on Indian Languages"	19 November 2021 to 20 November 2021
4	International Day Of Persons With Disabilities 	The Department of Speech and Hearing, MCHP, MAHE in collaboration with Dr TMA Pai Hospital Udupi observed International Day for Persons with Disability (IDPD). The theme for IDPD 2021 was "Leadership and participation of persons with disabilities toward an inclusive, accessible and sustainable post-COVID-19 world". Based on the theme put forward by United Nations	03 December 2021
5	Speech and Hearing Awareness Week 2021 	The theme of the speech and hearing awareness week this year was "Hidden Facts of Communication Disorders". Various awareness programs were conducted by the Department of Speech and Hearing, Manipal. Dr Rakesh C V conducted a talk on "Myths and Facts about stuttering" at Radio Manipal.	13 December 2021 to 15 December 2021

#### Details of Guest Visit (lectures, collaboration, visitors on campus)

##### Guest Lectures:

Sl. No.	Visitor	Name of the Organization	Purpose of Visit	Date of Visit
<b>Cardiovascular Technology</b>				
1	Ms Alphonsa Mathew	Working as Senior Cardiac Physiologist at Homerton University Hospital NHS Organization, Hackney, London, UK	Guest Lecture	30 April 2021
<b>Medical Laboratory Technology</b>				
1	Dr Sucheta Prakash Dandekar	Professor, Biochemistry, Era University Lucknow	Guest Lecture	27 September 2021

Sl. No.	Visitor	Name of the Organization	Purpose of Visit	Date of Visit
2	Dr Sucheta Prakash Dandekar	Professor, Biochemistry, Era University Lucknow	Guest Lecture	11 October 2021
3	Dr Janice Marjorie Conway-Klaassen	Associate Professor and Director, Medical Laboratory Sciences Program, Mildred King Rohwer Chair in Medical Technology, University of Minnesota, Minneapolis, MN, United States	Guest Lecture	30 November 2021
<b>Nuclear Medicine</b>				
1	Mr Ansuman Pattanayak, Mr Abhinav Shankar, Mr. Noby Varghese	Siemens Healthineers	Collaborations	10 December 2021
<b>Physiotherapy</b>				
1	Mr Kiran Challagundla	Senior Physiotherapist, Indian Badminton Team and Director, Maitland's Foundation for Sports and Manual Therapy	Resource Person for the Workshop on "Clinical Neurodynamics"	18 November 2021 to 21 November 2021
<b>Speech and Hearing</b>				
1	Dr Imran Dhamani	Clinical Manager, Amplifon, Australia	Online Webinar	27 February 2021 to 08 May 2021
2	Ms Mithila Poonacha	Manager - Habilitation and AB Community - India, Advanced Bionics	Online Webinar	13 March 2021
3	Ms Mithila Poonacha	Manager - Habilitation and AB Community - India, Advanced Bionics	Online Webinar	10 April 2021
4	Dr Nalanda Chakraborty	Santa Clara County of Education, California.	Online Webinar	21 May 2021
5	Ms Natasha Chahande	Consultant Audiologist and Speech Therapist at various hospitals and clinics in Pune, Maharashtra (Decos Software Development Pvt Ltd, Umarji Hospital, Surya Hospital, Healing Touch	Online Webinar	11 June 2021

Sl. No.	Visitor	Name of the Organization	Purpose of Visit	Date of Visit
6	Dr Nalanda Chakraborty	Hospital, Listen and Speak clinic). Santa Clara County of Education, California.	Online Webinar	21 December 2021

**Details of Publications:**

National		International	
Indexed	Non - Indexed	Indexed	Non - Indexed
60	13	150	3

**Conferences attended by Institution faculty and students:**

Faculty		Student	
National	International	National	International
41	24	87	4

**Details of Conferences/Workshops conducted by the Institution:**

Particulars	National	International
Conference	0	1
Workshop	4	0
Seminar	5	7
Other	1	0

**Books/chapters authored by faculty members:**

Sl. No.	Name of the Book	Chapter(s) name (if authored, chapters only)	Faculty members	Publisher	Date
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**Clinical Psychology**

1	The Impact of the COVID-19 Pandemic on Green Societies,	BS00000198 Finding the Long-Lost Path: Developing Environmental Awareness Through the Pandemic	Dr Shwetha T S	Springer	23 March 2021
2	Green Technological Innovation for Sustainable Smart Societies	"BS00000262 Influence of Reduced Noise Levels on Human Health During Quarantine Lockdown"	Dr Shwetha T S	Springer	14 September 2021

**Physiotherapy**

1	Conceptual Biomechanics and Kinesiology	1. Cellular Biomechanics of Soft Tissues. 2. Application of Physical Laws on the Human Body.	Animesh Hazari, Dr G Arun Maiya (Co-author), Taral V Nagda (Co-author)	Springer Nature, Switzerland	2 November 2021
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Sl. No.	Name of the Book	Chapter(s) name (if authored, chapters only)	Faculty members	Publisher	Date
		3. Applied Biomechanics on Joint, Muscle, Tendon, and Ligament.			
		4. Principles of Kinetics and Kinematics on the Human Body.			
		5. Lever Systems at Human Joints and Muscles.			
		6. Kinetics and Kinematics of Temporomandibular Joint.			
		7. Kinematics and Kinetics of Shoulder Complex, Elbow, and Wrist.			
		8. Kinetics and Kinematics of Rib Cage.			
		9. Kinetics and Kinematics of Vertebral Column.			
		10. Kinetics and Kinematics of Hip and Pelvis.			
		11. Kinematics and Kinetics of Knee Joint			
		12. Kinematics and Kinetics of Ankle and Foot Complex.			
		13. Kinematics and Kinetics of Gait.			
		14. Biomechanics of Static and Dynamic Posture.			
		15. Concepts of Kinesiology.			
		16. Advanced Instrumentations and their Interpretation			
		17. Applied Kinesiology in Sports.			
		18. Biomechanics and Kinesiology in			

Sl. No.	Name of the Book	Chapter(s) name (if authored, chapters only)	Faculty members	Publisher	Date
		Strength and Conditioning. 19. Calculating Muscular and Joint Forces			
<b>Nuclear Medicine</b>					
1	Handbook of Oxidative Stress in Cancer: Mechanistic Aspects.	Mitochondria-Targeted Antioxidants and Cancer	Sachin Shetty (Co-author), Dr Sanjay Bharati (Co-author)	Springer Nature, Singapore	4 May 2021
2	Nano-Pharmacokinetics and Theranostics	Biological systems and nanopharmacokinetics	Dr Navjot Kanwar, U Anushree, K P Divya, Dr Shailendra Pratap Singh, Dr Sanjay Bharati, Dr Abhinav Kanwal	Elsevier, Inc. Academic Press	6 August 2021
3	Biomedical Imaging Instrumentation Applications in tissue, cellular and molecular diagnosis	Revolutionizing medical diagnosis with SPECT imaging: Clinical applications of a nuclear imaging technology	Dr Mena Asha Krishnan, Dr Anulya Cherukumudi, Ms Sibi Oommen, Dr Sumeet Suresh Malapure, Dr Venkatesh Chelvam	Elsevier, Inc. Academic Press	26 November 2021



#### Details of Research Grants:

Project Name	Principal Investigator	Funding Agency	Total Grants Received (INR)	Date(s)
<b>Cardiovascular Technology</b> The role of undersized balloon pre-dilation before thrombus aspiration and saline auto-perfusion on reperfusion in patients with ST-elevation myocardial infarction-A prospective cohort study	Ms Rekha V	Sahajanand Medical Technologies Pvt Ltd.	1,00,000/-	20 March 2020 to 19 March 2024

Project Name	Principal Investigator	Funding Agency	Total Grants Received (INR)	Date(s)
Impact of single and dual chamber cardiac function and mechanics using tissue deformation imaging in a cohort study	Mr Umesh Pai	St Jude Medical India Pvt Ltd	1,00,000/-	15 January 2019 to 31 December 2022
<b>Medical Imaging Technology</b>				
Artificial Intelligence Enabled Acute Ischemic Stroke's Infarct's Volume Estimation, Intracranial Emergent Large Vessel Occlusions Quantification	Dr Saikiran P	Philips India Ltd	50,000/-	28 May 2021 to 28 May 2023
Establishing diagnostic reference levels and optimization of radiation dose for head and neck and pelvic computed tomography protocols in radiation therapy planning	Ms Shree Kripa, Co-Investigator- Dr Suresh Sukumar	ICMR	18,00,000/-	16 August 2020 to 15 August 2023
<b>Medical Laboratory Technology</b>				
Validation of CERVA STRA - A point of care system for the screening of cervical cancer, with the conventional Pap smear method Phase II	Dr Saleena Ummer V	Alndra Systems Pvt Ltd	5,87,125/-	01 December 2020 to 30 September 2022
<b>Medical Radiation Physics Program</b>				
Establishing diagnostic reference levels and optimization of radiation dose for head and neck and pelvic computed tomography protocols in radiation therapy planning	Shreekripa	ICMR	35,00,000/-	16 August 2021 to 16 August 2024
<b>Nuclear Medicine</b>				
Development and assessment of P-32 labelled arabinogalactan and cu-64 labelled arabinogalactan for asialoglycoprotein receptor director therapy of hepatocellular carcinoma	Dr Sanjay Bharati	ICMR	12,37,813/-	30 March 2021 to 29 March 2022

Project Name	Principal Investigator	Funding Agency	Total Grants Received (INR)	Date(s)
<b>Optometry</b>				
Evaluation of occupational ocular hazards and preventive strategies among farmers in India	Dr Krithica S	Optometry Council of India, Bangalore	39,500/-	8 October 2021 to 8 September 2024
Mobile eye-tracking technology for early detection of glaucoma	Dr Shonraj Ballae Ganeshrao	DST India	12,55,700/-	26 May 2020 to 25 May 2023
Visual functional deficits in Primary Angle Closure Glaucoma	Dr Shonraj Ballae Ganeshrao	SERB India	1,00,000/-	18 January 2020 to 17 January 2022
<b>Physiotherapy</b>				
Design and Development of LASER Shoe for the Management of Diabetic Peripheral Neuropathy Pain in People Living with Type 2 Diabetes Mellitus	Dr G Arun Maiya	DST, New Delhi	23,30,000/-	02 July 2018 to 31 March 2021
SPARSH – Innovative new device for the early detection of diabetic peripheral neuropathy	Dr G Arun Maiya	Yostra Labs Private Limited	7,71,750/-	24 March 2017 to 23 March 2022
ARISE: Effects of warm oxygen therapy on biomarker and healing dynamics of diabetic foot Ulcer- Prospective pre-post design	Dr G Arun Maiya	Yostra Labs Private Ltd	7,98,400/-	25 June 2019 to 31 October 2021
Effects of warm oxygen therapy (Kadam) on healing dynamics of type 2 diabetes with neuropathic ulcer	Dr G Arun Maiya	Yostra Labs Private Ltd	5,99,676/-	25 June 2019 to 24 June 2021
Exosomes in pulmonary arterial hypertension with and without exposure to exercise	Dr Abraham Samuel Babu	ICMR, New Delhi	48,83,882/-	01 August 2019 to 31 July 2022
The effectiveness of a capacity building education and training module on the caregivers of children with cerebral palsy through a family centred approach to the quality of life and family empowerment	Mrs Deepalaxmi Paresh Poojari	NCERT, New Delhi	4,51,500/-	23 June 2020 to 22 September 2021

Project Name	Principal Investigator	Funding Agency	Total Grants Received (INR)	Date(s)
Effect of Matrix Rhythm Therapy on Neuropathic Pain Specific Markers in Diabetic Peripheral Neuropathy	Dr G Arun Maiya	International Medical Technologies	4,20,000/-	01 September 2020 to 31 August 2021
Effectiveness of Yoga and Lifestyle Modification program on leptin resistance and quality of life in Metabolic Syndrome	Dr G Arun Maiya	DST, New Delhi	33,32,375/-	21 March 2020 to 20 March 2023
Efficacy of Pulmonary rehabilitation program on quality of life and functional capacity in patients with interstitial lung disease	Dr Vaishali K	ICMR, New Delhi	24,00,000/-	29 September 2021 to 27 September 2024
<b>Renal Replacement Therapy and Dialysis Technology (RRT and DT)</b>				
Effect of integrated focused renal supportive care on symptom burden, quality of life and advance care planning in end-stage renal disease patient: A Randomized Controlled Trial	Dr Shankar Prasad/Ms Bharathi (PhD topic)	ICMR	14,04,300/-	15 October 2021 to 15 October 2024
<b>Respiratory Therapy</b>				
Driving Pressure in Acute respiratory distress syndrome	Ms Pratibha Todur	ICMR	12,48,076/-	1 October 2021 to 31 March 2024
<b>Occupational Therapy</b>				
A scoping review of family-centred occupational therapy interventions for dementia: A cross country collaboration	Dr Sebestina Anita Dsouza	SPOT Global Health	2,01,086.73/-	01 January 2021 to 31 December 2021
Digital health technology use and potential for people living with chronic diseases in low, middle, and high-income countries: A synthesis of the evidence	Dr Vinita Acharya	SPOT Global Health	2,01,086.73/-	01.01.2021 to 31.12.2021
Effectiveness of a mother mediated occupational therapy early intervention program with mobile-enabled adherence	Ms Rupambika Sahoo, Dr Sebestina Anita Dsouza	ICMR	32,04,616/-	12 March 2021 to 11 March 2024



Project Name	Principal Investigator	Funding Agency	Total Grants Received (INR)	Date(s)
strategies to support the mother's self-efficacy and infant development				
Managing time in dementia	Dr Sebestina Anita Dsouza, Dr Vinita Acharya	ICMR	8,75,610/-	27 February 2021 to 26 May 2022
The impact of mobile-based fall education application on the fall risk factor in the older adult.	Dr Sebestina Anita Dsouza, Dr Sumita Rege	ICMR	37,07,752/-	08 September 2021 to 07 September 2024
<b>Nuclear Medicine</b>				
Anticancer effect of mitochondria-targeted antioxidant, Mito-TEMPO against N-nitrosodiethylamine-induced murine hepatocarcinogenesis: A mechanistic study	Mr Sachin Shetty	ICMR, New Delhi	4,73,600/-	04 July 2021 to 04 June 2024



#### Awards/Recognitions:

##### Institution (including "The Best Teacher Award" for the year)

Sl. No.	Name	Details	Date
<b>Optometry</b>			
1	Dr Krithica S	Best "Optometry Educator" of the year was awarded to Dr Krithica S by the Optometry Council of India (OCI)	17 November 2021

#### Faculty Members

Sl. No.	Name	Details	Date
<b>Medical Laboratory Technology</b>			
1	Dr Saritha Kamath U	She has been invited as guest faculty to deliver the lecture at the faculty development program organized by Galgotias University, Noida	22 November 2021

Sl. No.	Name	Details	Date
		through online mode between 22 to 26 November 2021.	
<b>Nuclear Medicine</b>			
1	Dr Shivanand Bhushan	Two years of Fellowship programs on MAHE-FAIMER International Institute for Leadership in Interprofessional Education (M-FIIL IPE) MAHE-FIIL IPE fellowship on IPE Leadership from MAHE Manipal and M-FIIL IPE Philadelphia USA	30 September 2021
<b>Optometry</b>			
1	Dr Ramesh S Ve	Global optometrist research ranking derived from a science-wide author database of standardised citation indicators.	15 July 2021
<b>Physiotherapy</b>			
1	Dr Abraham Samuel Babu	Awarded the "Elite Reviewer" status from the Archives of Physical Medicine and Rehabilitation (APMR)	9 February 2021
2	Dr Manikandan N	Secured First prize for the innovation titled "Intradialytic weight measurement in trolley" in the MAHE Annual Innovation Festival 2021.	27 October 2021
3	Dr Abraham Samuel Babu	Invited as one of the Founding directors of Pulmonary Vascular Research Institute-India.	10 December 2021
4	Dr John Solomon M	Selected to be a member of the Peer Review Group for Stroke by the WHO Rehabilitation Program on the development of the Package of Interventions for Rehabilitation (PIR)	28 December 2021
5	Dr G Arun Maiya	Won the best product award for "LAZER SHOE" for the management of diabetic peripheral neuropathic pain at the Nitte - KBL Kaun Banega Udyamapati contest organized by AIC Nitte Incubation Centre, in association with Karnataka Bank	28 December 2021

Sl. No.	Name	Details	Date
<b>Speech and Hearing</b>			
1	Dr Krishna Y	The prestigious Research Mentoring-Pair Travel Award (RMPTA) for the year 2021	22 May 2021
<b>Students</b>			
Sl. No.	Name	Details	Date
<b>Exercise and Sports Science</b>			
1	Yash Mayur Patki	Ranked sixth place in 400 m and 200 m and was selected for Kelo India University Game	24 December 2021
2	Poojitha G Murthy	Ranked 22nd place in 50 m, 23rd place in 100 m and 25th place in 200 m and selected for Kelo India University Game	24 December 2021
<b>Physiotherapy</b>			
1	Mr Sulfikar Ali A, PhD Scholar, Department of Physiotherapy	Received the "Young Investigator Award" at the 4th Asia-Oceanian Congress on Neurorehabilitation (AOCNR 2021)	4 August 2021
2	Ms Shristi Shakya, , PhD Scholar, Department of Physiotherapy	Received the "Young Investigator Award" at the 4th Asia-Oceanian Congress on Neurorehabilitation (AOCNR 2021)	4 August 2021
3	Ms Shristi Shakya, , PhD Scholar, Department of Physiotherapy	Won the "Best Paper Award" (title: Design and development of simple mobility device for children with developmental delay) at the MAHE ICHTR conference	11 November 2021
4	Ms Shristi Shakya, PhD Scholar, Department of Physiotherapy	Secured the "Best Paper Award" in NEPTA-Nepal Physiotherapy Association at the 10th International Conference NEPTA 2021	19 November 2021
<b>Speech and Hearing</b>			
1	Ms Komal Aggarwal Postgraduate student	The prestigious Research Mentoring-Pair Travel Award (RMPTA) for the year 2021. This award is offered in conjunction with the Research Symposium which brings together clinicians and researchers at the American Speech and Hearing Association's Annual Convention in order to discuss current research that has important implications for the study of communication processes and disorders. This award offers research mentoring experience to students who show promise as emerging scientists.	22 May 2021
2	Mr Wasim Ahmed, Research Scholar	Certificate of Merit (Winner of E-Poster) for the poster titled Development of a comprehensive test for agrammatism in Kannada in 4th Asia Oceanian Congress of Neuro Rehabilitation 2021.	6 August 2021

Sl. No.	Name	Details	Date
3	Mr Rajath Shenoy, Research Scholar	Received Saffran Student Scholar Award for the 15th Annual Eleanor M Saffran Conference on Cognitive Neuroscience and Rehabilitation of Communication Disorders	11 September 2021

Extra - Curricular Activities:

Sports Activities:

In Institution:

Sl. No.	Event	Details	Date(s)
1	Fitness Competition	An online fitness competition for all the students and interns of MCHP was organized via Microsoft Teams, Live. The events for this competition were Push Up, Sit Up and Plank. Maximum Push-Up and Sit-Up in one minute were conducted and Plank with no time limit. Students and interns were allowed to participate in all 3 or any 2 or any 1 of the event. The flyer, rules of the competition, along with registration form were made and shared on 12 May 2021, which also mentioned the details of the competition along with the last day of registration as 15 May 2021. Within the given time frame of four days, we received 12 entries. In which, 11 students were able to participate. The time slots were assigned to the students and the event continued for three days i.e., from 17 to 19 May 2021. All of these sessions have been recorded and all 11 participants have filled out the feedback form. The recorded videos are sent to Mr Baskaran C, Assistant Professor of the Department of Exercise and Sports Science and Mr Prateek Srivastav, Assistant Professor of Department of Physiotherapy to judge. According to the scores given by the judges, the winners of the event were announced on 21 May 2021.	17 May 2021
2	Talk on Walk for Health	Student Affairs Committee and Student Council of MCHP, MAHE organized a webinar on the topic "Walk for Health" in view of the "Fit India campaign". The speaker of the webinar was Mr Deepak Ram Bairy, Deputy Director of Physical Education, KMC, MAHE. Ms Nidhi Vidhushekar, Sports Secretary, Student Council, MCHP, welcomed the gathering and Ms Indu Toby, Chairperson of Student Affairs, MCHP, MAHE, introduced the speaker. The webinar was conducted via the MS Teams platform. Around 174 participants including students and faculties attended the session. The speaker highlighted points about how to get started, average step count, why is	14 August 2021

Sl. No.	Event	Details	Date(s)
		walking good for individuals, benefits of walking and tips for staying safe while walking. Ms Nikita C Sajan, President, Student Council, MCHP, MAHE proposed the vote of thanks.	



**Outside University:**

Sl. No.	Event	Details	Date(s)
<b>Physiotherapy</b>			
1	100 m, Shot put	Mrs Nirmala Nayak, Assistant lecturer, Department of Physiotherapy won the gold medal in the 100 m running race 2021 and shot put at the 41st State Level Master Athletic Meet 2021 at Mahatma Gandhi Stadium, Ajjarakadu.	11 December

**Cultural Activities:**





**In Institution:**

Sl. No.	Event	Details	Date(s)
1	Talk on India's Freedom struggle – Amruth ka Mahotsav	The student affairs committee of MCHP, MAHE organized a virtual event on the occasion of Azadi ka Amrut Mahotsav. The speaker for this event was Professor Varadesh Hiregange, Director, Gandhian Centre for Philosophical Art. Mr Binoy, Assistant Professor, MCHP, MAHE welcomed the gathering. Mr Sainath, Assistant Professor, MCHP, MAHE introduced the speaker for the event. The talk was conducted virtually via the MS Teams platform. Around 100 participants including students and faculties attended the session. Professor Varadesh Hiregange highlighted on the topic "India's Struggle for Freedom". Dr Krishna Y, Associate Dean, MCHP, MAHE proposed the vote of thanks. Simultaneously, students were also involved in the Essay competition. The theme for the competition was "India's Freedom Struggle". This was conducted via offline mode in Sharada Hall, following the COVID-19 preventive measures.	12 March 2021
2	National Youth Day	The student affairs committee of MCHP, MAHE organized a virtual event on the occasion of National Youth day celebrating the birthday of Swami Vivekananda on 12 January 2021. Following the preamble reading, we conducted a talk on the topic	12 January 2021


Sl. No.	Event	Details	Date(s)
3	One Student One Tree	<p data-bbox="552 195 1257 1003">"Constitution: a look to the future" which was given by Mr Shreeraj Gudi, Assistant Professor, Manipal Institute of Communication. Dr Sabu K M, Associate Dean, MCHP, MAHE welcomed the gathering. Mr Sainath, Assistant Professor, MCHP, MAHE introduced the speaker for the event. The talk was conducted virtually via the MS Teams platform. Around 184 participants including students and faculties attended the session. Mr Shreeraj Gudi highlighted the prominence of a well-written constitution of India. Ms Indu Toby, Chairperson, Student Affairs Committee, MCHP, MAHE proposed the vote of thanks. An opportunity was also given to students by allowing them to participate in Cartooning Competition. The theme for the competition was "Right to freedom of speech and expression". The completion was conducted virtually where the students had submitted their work via mail. Dr Nanda Kishore, Associate Professor, Department of Geopolitics and International relations was invited as the Judge for the competition. The winners of the competition were announced.</p> <p data-bbox="552 1016 1257 1902">As per the directives of the University Grants Commission (UGC) to conduct an event in order to bring awareness about the importance of trees to Mother Earth amongst students, the Welfare Committee decided to conduct a program named "ONE STUDENT ONE TREE", wherein the students had to plant a sapling and send a selfie along with the sapling. It was an online program for all the students of MCHP as a part of World Earth Day which was on 22 April 2021. Thus, the flyer to announce the event was made and released on 17 April 2021, which mentioned the details of the program along with the last date of submission as 22 April 2021. As the last day of submission was approaching, a reminder of the event was sent out on 21 April 2021. With a motive to increase the number of saplings planted by the students, it was decided to conduct this program for a longer duration. Thus, the flyer was circulated again on 10 May 2021, and 5 June 2021 as a part of World Environment Day. Within the given time period, the students planted saplings and sent their photos to the college. We have received a total of 27 photos from the students. Overwhelmed by the response, the</p>	17 April 2021



Sl. No.	Event	Details	Date(s)
		Student Affairs Committee and the Student Council had planned to circulate the images received in the form of a collage on social media to applaud the participants and encourage other students to participate in online events conducted by the college. Thus, the collage was circulated on 6 July 2021.	
4	Webinar on "Netaji- A hero to be remembered"	To celebrate the 125th birth anniversary of Netaji Subhash Chandra Bose, the University Grants Commission has asked colleges and universities to organize online lectures, webinars, sports activities and other activities. On this occasion, Student Affairs Committee organized a webinar on "Netaji- A hero to be remembered" by Dr Nanda Kishor Associate Professor, Department of Geopolitics and International Relations, MAHE.	21 January 2021
5	Protection of women and children from atrocities.	The student affairs committee and student council of MCHP, MAHE organized a webinar on the topic "Protection of Women and Children from atrocities". The speaker for the webinar was Ms Ida Dsouza, Assistant Professor, Department of Global Health, PSPH, MAHE. Ms Indu Toby, Chairperson, Student affairs MCHP, MAHE, welcomed the gathering and introduced the speaker. The webinar was conducted via the MS Teams platform. Around 96 participants including students and faculties attended the session. The speaker highlighted points about the various atrocities faced by women and children, gender roles and women and children's rights. Ms Indu Toby proposed the vote of thanks.	13 May 2021
			
6	Discipline of yoga beyond the practice	The student affairs committee and student council of MCHP, MAHE organized a webinar on the topic "Discipline of yoga beyond the practice". The speaker for the webinar was Ms Annapoorna K, Head of Department, Division of Yoga, CIMR, MAHE. Ms Nidhi Vidhushekar, Sports Secretary, student council, MCHP, welcomed the gathering and Mr Binoy K, Assistant professor, Department of Respiratory Therapy, MCHP, MAHE, introduced the speaker. The webinar was conducted via the MS Teams platform. Around 125 participants including students and faculties attended the session. The speaker highlighted points about the benefits of Yoga and its effects on mental, physical and spiritual well-being. Mr Adhip Nadkarni, Vice	19 July 2021
			

Sl. No.	Event	Details	Date(s)
7	Talk on Environmental Problems and Ecosystem Restoration   	President, student council, MCHP, proposed the vote of thanks. The talk on Environmental Problems and Ecosystem Restoration began with a small introduction on the purpose of the talk by Neha Menon after which she invited Chirag Girish to welcome the attendees. Mr Sainath then introduced the guest speaker, Dr K Balakrishna who is a Professor of Geology in the Department of Civil Engineering at MIT, MAHE. Sir spoke eloquently on the common problems faced by the environment and how we also contribute to this without our knowledge. The talk took everyone through everyday activities that degrade the ecosystem as well as the different solutions to reverse the current situation. He covered a variety of topics that include a decade of ecosystem restoration, climate change, water conservation and management, solid waste management, energy conservation, etc. His slides were informative and included many images and videos that reiterated his points. His talk concluded with a few basic steps each of us could take to help restore the ecosystem around us. After which an interactive session allowed attendees to ask questions and clear doubts. Adhip Nadkarni ended the session with the Vote of Thanks.	3 July 2021
8	National Unity Day 	A singing and dancing competition was held for the students of MCHP on the occasion of National Unity Day. A flyer was circulated to all the students regarding the events. The competition was conducted via online mode. The theme for the competition was "Unity in Diversity". One entry for dance and five entries were received for singing. Students were asked to upload their videos to the one drive folder via the link, <a href="https://bit.ly/3GmnRDI">https://bit.ly/3GmnRDI</a> . For signing only one was eligible, the rest entries were not eligible as it was not matching the theme of the competition and hence were disqualified. Therefore, the winners were decided based on the qualification criteria. The winner of the singing competition was Ms Salma Zameer from the Department of Clinical Psychology.	31 October 2021



Sl. No.	Event	Details	Date(s)
9	World Suicide Prevention Day 	A cartooning competition on the occasion of “World Suicide Prevention Day” was conducted by the student affairs and student council. The flyer was circulated via an online platform to all staff and students of MCHP. Undergraduate and postgraduate students of MCHP were encouraged to participate in the competition. The competition was conducted via online mode. A total of three entries were received. As the entries were limited only the first prize was announced. The winner of the cartooning competition was Ms Shruthi from the Department of Clinical Psychology.	10 September 2021
10	Beyond the Books session for the year 2021	The first Beyond the Books session for the year 2021 was held on 11 June 2021 and conducted by the club managing members along with the writers and editors of the Editorial Committee. A welcome note was given by Aiman Sayed, Vice President of the club as she explained its workings and rules for the ice breaker session. Students introduced themselves in the context of their hobbies, interests, and qualities that set them apart from the masses. The event came to a very successful end with the hope of an overall increase in the individual creativity of the club members.	11 June 2021
11	E-Poster Competition on the theme “Cyber Security”	As per the directives of the University Grants Commission (UGC) to conduct an event in order to bring awareness about Cyber Crimes amongst students, the Welfare Committee decided to conduct an E-Poster Competition on the theme “Cyber Security”. The main focus of the competition was to strengthen Cyber Security and take a step toward the prevention, detection, investigation and eradication of Cyber Crimes. The Student Affairs and the Student Committee decided to conduct the online competition for all the students, research scholars and faculty of MAHE. Thus, the flyer to announce the event was made and released on 8 April 2021, which mentioned the details of the competition along with the last date of submission as 15 April 2021. As the last day of submission was approaching, a reminder of the event was sent out on 14 April 2021. Within the given time period of eight days, we received a total of twelve E-Posters. The entries received were from students, research scholars and faculty of MCHP, MCON, and Kasturba Medical College (KMC). The E-Posters were judged by Mr Binny Jacob Kuriakose, who is a Cyber	8 April 2021

Sl. No.	Event	Details	Date(s)
		Forensics Team Lead, EY, Trivandrum. Finalizing the Judge's decision the winners of the competition were decided as Dr Dattatreya Sitaram, Senior Resident from the Department of Orthopaedics, KMC and Ms Aishwarjya Tripathy, Master in Occupational Therapy, MCHP with first and second prize, respectively. Finally, a poster to announce the winners was made and released on 19 May 2021. The winners were awarded an E-certificate each.	
12	My Favourite Freedom Fighter (Essay Competition)	As per the directives of the University Grants Commission (UGC) to conduct an event in order to bring awareness about the Freedom fighters and their struggle among students, the Welfare Committee decided to conduct an Essay Competition named "My Favourite Freedom Fighter". It was an online competition for all the students of MCHP. The students had to send in their essays on their favourite freedom fighter to the College email ID by typing it up in a document. Thus, the flyer to announce the event was made and released on social media on 21 April 2021, which mentioned the details of the program along with the last date of submission as 26 April 2021. As the last day of submission was approaching, a reminder of the event was sent out on 25 April 2021. Within the given time period of five days, the students sent in their essays to the college. We have received a total of three essays from the students. The competition was judged by Mr Amit Balrambhai Massand, who is a Professor from the Department of Anatomy, MMMC. The judge's decision was finalized and the winners were declared as Ms Gowthami from BSc Anesthesia and Operation Theatre Technology and Ms Prajna from BSc Anesthesia and Operation Theatre Technology as first and second prize, respectively. Finally, a poster was made to announce the results of the competition. It was released on social media on 19 June 2021. The winners were awarded an E-certificate.	21 April 2021
13	Yoga Picture Day Contest	As per the directives of the University Grants Commission (UGC) to conduct an event on the occasion of international yoga day, the sports committee decided to organize an online "Yoga Picture Contest". The main focus of the competition was to promote awareness of the benefits of yoga among the students, faculty and interns of MCHP. The Student	21 June 2021



Sl. No.	Event	Details	Date(s)
14	Cartooning competition was held as a part of Indian Constitution Day	<p>Affairs and the Student Committee decided to conduct the online competition for all the students, interns and faculty of MAHE. Thus, the flyer to announce the event was made and released on 19 June 2021, which mentioned the details of the competition along with the last date to post their pictures which is on 21 June 2021. As the last day was approaching, a reminder of the event was sent out on 20 June 2021. With the online picture contest, we shared information about yoga and a few asanas (Trikonasana/Triangle Pose, Matsyasana/Fish Pose, Nadi Shodhan Pranayama/Alternate Nostril Breathing, Ardha Matsyendrasana/Sitting Half Spinal Twist, moon salutation and sun salutation) to raise awareness about benefits of yoga. A quiz was also conducted on international yoga day ie. 21 June 2021, where the viewers had to guess the asana. Within the given time period of three days, we received a total of eight pictures where six pictures for the contest were from students of MCHP and two pictures for the contest were from the faculty of MCHP. The students who participated in the event posted their pictures on their personal Instagram profiles where they have tagged the sports Instagram account of MCHP (@sports_mchp) with #mchpyogaday in their description. The faculty pictures were posted on the MCHP sports Instagram profile as they could not share their picture on their personal Instagram profile. The contestant with the highest likes of 1,731 on 21 June 2021 at 11:00 pm was Ms Rashmi Sanjay Bandelwar, Masters of Occupational Therapy, MCHP and thus was announced as the winner of the contest through a flyer that was made and released on 24 June 2021.</p> <p>The cartooning competition which was held as a part of Indian Constitution day was conducted on 26 November 2021 in Sharada Hall (MCHP). A welcome speech was given by Smrithi Rajeev, General Secretary and the rules and regulations were explained by Ruth Mary Vargheese, Cultural Secretary of the Student Council. The topic that was given on spot to the participants was "Freedom of Expression". All the COVID protocols were followed. Social distancing was also maintained among everyone in the hall. The result of the competition was declared the next day on 27</p>	26 November 2021

Sl. No.	Event	Details	Date(s)
		November 2021. Nageshwari Vankayalappa from third-year BSc. Cardiovascular Technology and Aysha Muhammed Safer from third-year Bachelor of Audiology & Speech Language Pathology secured first place and second place respectively. The certificates were awarded by Dr Geetha Maiya, Director of Student Affairs, MAHE on the Student Council's Installation Day on 29 November 2021. Despite the COVID pandemic, it was indeed the first successful event conducted by the Student Council and a very good opportunity given to the students of MCHP to expose their talents.	
15	Daan Utsav	On account of Dann Utsav, new, readable books were donated to children undergoing cancer treatment in Cancer Hospital, KMC, Manipal by VSO coordinators MCHP, Student Affairs Committee, MCHP and student council on 27 November 2021 at a cancer hospital. There were 50 participants. All the COVID protocols were followed. Social distance was maintained among everyone in the hospital.	27 November 2021

### Photo Archive of Important events



Department of Speech and Hearing, MCHP, MAHE had organized World Voice Day. The theme for this year's voice day was "One World Many Voices". When we say the World, it is full of people, and only when they speak do they get to know who the person is therefore the voice makes each one of us unique and the voice is also regarded as the reflection of the soul. Although we stay in one world, people are many and so are the voices. There are individuals with normal voice, there are individuals living with dysphonia and there are individuals living with transvoice and there are living individuals with alaryngeal voice also. We need to understand and appreciate each type of voice

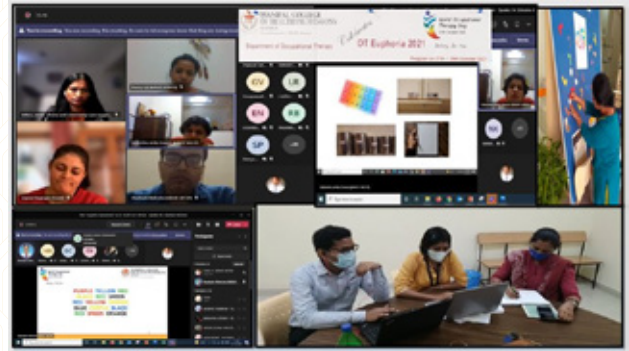


Department of Speech and Hearing, MCHP, MAHE has commemorated World Hearing Day on the first week of March 2021 with support from Rotary club Ambalpady. Based on the theme put forward by World Health Organization (WHO) which is "Hearing care for all – Screen – Rehabilitate- Communicate", the department took an initiative by organizing a tele-hearing screening and online questionnaire survey for the cause.





Department of Exercise and Sports Science, MCHP, MAHE has commemorated International Women's Day by conducting Women's Fitness Week.



Department Occupational Therapy, MCHP, MAHE celebrated OT Euphoria, a three-day event from 27 to 29 October 2021, is celebrated on the occasion of World Occupational Therapy Day on 27 October 2021.



Department of Clinical Psychology, MCHP, MAHE has commemorated World Mental health Day on 18 and 19 October 2021, Based on the theme put forward by the World Health Organization (WHO) that is "Understanding Mental Health in the light of Empathy".



Department of Cardiovascular Technology, MCHP, MAHE, Manipal conducted "BLS Awareness Program" on 17 November 2021 at U S Nayak High School, Patla, Hirebettu, Manipal. The program was focused on creating awareness of Basic Life support among school students and their parents.



Department of Health Information Management(HIM) celebrated HIM Week in the third week of October 2021. This year department worked on the Relevance of Medical Coding in reporting COVID-19 associated complications. A Poster Presentation was conducted on this theme.



Department of Clinical Nutrition and Dietetics, MCHP, MAHE has commemorated World Food day on 18 October 2021.



In Commemoration of World Sight Day, the Department of Optometry, MCHP, MAHE, Manipal has organized a symposium on advanced contact lens fitting and troubleshooting on 29 October 2021.



The Department of Physiotherapy, MCHP organized a workshop on "Clinical Neurodynamics" from 18 November 2021 to 21 November 2021. Mr Kiran Challagundla (BPT 1997), Senior Physiotherapist, Indian Badminton Team and Director, Maitland's Foundation for Sports and Manual Therapy conducted the four days workshop. Around 38 students from the Department of Physiotherapy actively participated in the workshop.

## Manipal School of Life Sciences, Manipal

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Director: ksatyamoorthy@manipal.edu



Name of the Director: **Dr K Satyamoorthy**

Established: **2002**

### Details of Programs offered by the Institution:

- BSc Biotechnology (3 years)
- BSc (Honours) in Biotechnology (4 years)
- MSc Medical Biotechnology (2 years)
- MSc Molecular Biology and Human Genetics (2 years)
- MSc Bioinformatics (2 years)
- MSc by Research in Life Sciences (2 years)

- MSc Systems Biology (2 years)
- MSc Genome Engineering (2 years)
- MSc Tissue Engineering (2 years)
- Certificate Course in Bioinformatics (2 months)
- Postgraduate Diploma in Cellular and Molecular Diagnostics (Biotechnology Skill Enhancement Program) (1 year)
- Certificate Course in Cellular and Molecular Diagnostics (3 months)
- PhD in various specialities

#### **About Institution/School:**

The Manipal School of Life Sciences (MSLS) is well established for its three-pronged activities in research, education and diagnostics under the aegis of the Manipal Academy of Higher Education (MAHE), Manipal, with certified approval of its programs from various agencies of the Central and State Governments of India. Established in 2002, MSLS has evolved to become the major research hub of the University and in the nation. Scientific research being the major thrust area, MSLS strives to create human resources in the field of life sciences, biotechnology and bioinformatics and translates its research findings toward helping the community in the area of human health. It conducts Bachelors (BSc in Biotechnology), Master's program (MSc), in Bioinformatics, Medical Biotechnology, Systems Biology, Genome Engineering, Molecular Biology and Human Genetics and Research in Life Sciences. The postgraduate diploma in Cellular and Molecular Diagnostics, under "Biotechnology Skill Enhancement Program (BiSEP) of the Government of Karnataka is also offered. The research focus is in the areas of molecular and cellular biology of cancer, acute and chronic diseases, neurosciences, Nanobiotechnology, infectious diseases and including genome analysis, epigenetics and other

omics analysis, signalling, pharmacogenomics in human diseases, cell and molecular biology of medicinal plants, translational studies, molecular radiobiology and experimental oncology, biomedical applications of laser spectroscopy, microbial genome analysis, data science and bioinformatics. These activities are undertaken with significant national and international collaborations. These activities are driven by 25 faculties and a team of over 100 research and PhD scholars, technical and administrative staff. Genome-based data generation and analysis have resulted in significant international publications, patents and databases (publicly hosted) over the past decade. School periodically organises international conferences, symposiums, and workshops promoting enthusiasm and interaction among young scientists. It also conducts annual social outreach programs for school and college students towards developing scientific temper. The eight departments of our school promote interdisciplinary research and support the push towards being the premier institution for life sciences. MSLS has collaborations for academic and research purposes with national and international institutions spread around the globe. MSLS is proud of its approximately 1500 alumni having a global presence, within a decade of its existence. In the field of research, we have the Center of Excellence under TIFAC, DST and the Government of India in the field of Pharmacogenomics, Translational Genomics, Radiation Dosimetry under Atomic Energy Regulatory Board and program support from DBT, GOI. The primary focus of research is in the field of cancer, infectious diseases, genetic disorders, ageing, plant biotechnology, human variations, traditional medicine and pharmacogenetics. We also undertake high technology diagnostics for a number of genetic disorders for the patients around this region.



## Institutional Activities/Curricular Activities

### New Initiatives:


Sl. No.	Activity	Particulars	Date(s)
1	MSc Tissue Engineering	<ul style="list-style-type: none"> <li>Program objective: MSc Tissue Engineering and Bioprinting program provides skills and knowledge in the area of Tissue Engineering technology and its applications in medicine, and other areas of technology and Life Sciences.</li> <li>Focus: The graduates will gain advanced knowledge and learn skills and training that can be applied in the areas of tissue engineering with implications in the field of human health and related areas in Life Sciences.</li> <li>Careers prospectus: Meritorious and successful graduates of this program can pursue a higher degree through research or join companies that are related to tissue engineering and health care.</li> <li>Duration type (yearly/semester-wise): 2 Years (Semester wise, 4 semesters).</li> </ul>	6 October 2021 to 31 August 2023

### All other activities in the department relating to the program/course:

Sl. No.	Activity	Particulars	Date(s)
1	Around 18 students from MSc programs have completed their MSc final semester project work at various institutions	<p>A total of 18 students from MSc programs have completed their MSc final semester project work at various institutions as below:</p> <ol style="list-style-type: none"> <li>1. Kalepu Sree Raja Rajeswari Devi: Indian Institute of Science, Bangalore;</li> <li>2. Keerthana K: Labcorp Drug Development;</li> <li>3. Anarghya Hegde: MIT, Manipal;</li> <li>4. Hunakunti Bhagesh Basavraj: Relevance lab, Bengaluru;</li> <li>5. Aathma Merin Bejoy: Rajiv Gandhi Center for Biotechnology, Trivandrum;</li> <li>6. Rukaiya Vadnagarwala: 4BaseCare Onco Solutions Pvt Ltd, Bengaluru;</li> <li>7. Shweta Chakrabarti: Shodhaka Life Sciences Pvt Ltd, Bengaluru;</li> <li>8. Bhargavi K S: 4BaseCare Onco Solutions Pvt Ltd, Bengaluru;</li> <li>9. Varada Govindan Menon: Labcorp Drug Development;</li> <li>10. Archit Aryaman: KMC, Manipal;</li> <li>11. Bhoomika M Rao: NIMHANS, Bangalore;</li> <li>12. Neha N Damodar: Mazumdar Shaw Centre for Translational Research;</li> <li>13. Saradindu Banerjee: KMC Manipal;</li> <li>14. Namrata Radhakrishna Nayak: KMC Manipal;</li> <li>15. Nikhitha Prabhu: Auburn University, USA;</li> <li>16. Sourav Patagi: Covance;</li> <li>17. Medha Bairy: KMC Manipal;</li> <li>18. Ritwik Mandal: ICMR-National Institute of Cholera and Enteric Diseases.</li> </ol>	1 January 2021 to 30 June 2021





Sl. No.	Activity	Particulars	Date(s)
2	Short Online Series on "Advanced Computer-Aided Drug/Biologics Design"	This online webinar series on CADD is intended to engage researchers who want to understand the use of computational molecular modelling in the context of rational and robust drug design. In this course, the participants will get to learn the background and the applications of molecular simulations through Schrödinger's state-of-the-art Small Molecular Drug Discovery (SMDD) Suite.	4 January 2021 to 8 January 2021
			
3	DAILAB CAFE Series – 53	Dr Radhakrishnan Nair, Director, Open Innovation, Procter & Gamble, Japan. Title: What Nuclear Technology has to Do with Diapers?: Open Innovation @ Procter & Gamble via ZOOM.	7 January 2021
			
4	Scientific Advisory Committee meeting	MAHE Scientific Advisory Committee meeting held at Manipal School of Life Sciences, Manipal.	9 January 2021
5	Celebration of National Youth Day	Lecture entitled: "Synthesis and Equilibrium: The Essence of Swami Vivekananda" through Microsoft Teams. Presented by Dr K P Nandan Prabhu, Associate Professor, Manipal Institute of Management, MAHE, Manipal.	12 January 2021
6	PhD defence viva examination.	Title of the Thesis: "Pharmacoeepigenetic Modulation by miRNA's of Anti-Platelet Drug Response in Individuals with Cardiovascular Diseases". Presented by Ms Anu Radha Sharma through Microsoft Teams. Examiner: Dr Prasenjit Guchhait, Professor, Regional Center for Biotechnology, NCR Biotech Science Cluster, 3rd Milestone, Faridabad - Gurugram Expressway, Faridabad.	13 January 2021
			
7	DAILAB CAFE Series – 54	Dr Mahesh K. Kaushik, International Institute for Integrative Sleep Medicine, University of Tsukuba, Tsukuba, Japan. Title: Role of orexins/hypocretins in sleep/wake regulation and narcolepsy through Microsoft Teams.	14 January 2021
			
8	DAILAB CAFE Series – 55	Dr D Sakthi Kumar, Professor & Deputy Director, Bio-Nano Electronics Research Center, Toyo University, Japan. Title: Application of theranostic materials against cancer through Microsoft Teams.	28 January 2021
			

Sl. No.	Activity	Particulars	Date(s)
9	Webinar entitled "Plant-Environment Interactions and Sustainable production" through Microsoft Teams	The talks during the webinar focused on how plants constantly interact with biotic as well as abiotic factors. The webinar also covered sustainable production through innovation and technology and reducing food loss and waste. The year 2021 has been designated by the UN General Assembly as the International Year of Fruits and Vegetables (IYFV). This intends towards raising awareness of the important role of fruits and vegetables in human nutrition, food security and health as well as in achieving the UN Sustainable Development Goals, as fruits and vegetables are good sources of dietary fibre, vitamins and minerals and beneficial phytochemicals.	10 February 2021
			
10	DAILAB CAFE Series – 56	Dr Manish Biyani, Professor (Res.), JAIST and President, BioSeeds Corp., Japan. Title: Battling pandemic by changing direction for virus test using deep but robust technologies through Microsoft Teams.	16 February 2021
11	DAILAB CAFE Series – 57	Dr Santosh Kumar Gothwal, Postdoctoral Fellow, Department of Respiratory Medicine, Kyoto University Hospital, Kyoto University, Japan. Title: SARS-CoV-2 and Human body: perspectives from its Genetics, Diagnostics to Therapeutics through Microsoft Teams.	19 February 2021
12	Webinar on "HPTLC: Techniques and Applications" in collaboration with Anchrom Enterprises (I) Pvt Ltd via ZOOM	The Webinar entitled "HPTLC: Techniques and Applications" (with live demo) was jointly organized by the MSLS, MAHE, Manipal and Anchrom Enterprises (I) Pvt Ltd.	19 February 2021
13	National Science Day celebrations	MSLS, Manipal has celebrated National Science Day on behalf of MAHE, Manipal on 28 February 2021. Five days of training was organized on the subject "Experience the Laboratories" for 10 students as a part of National Science Day from 23 February 2021 to 27 February 2021	23 February 2021 to 28 February 2021
14	MAHE – Professor J V Bhat Memorial Oration 2021	The 15th Annual Professor J V Bhat Memorial Oration at Manipal was delivered by Dr Kishore Paknikar, Retired Director of Agharkar Research Institute (a DST Institute) in Pune. The oration event commemorates the birthday of eminent researcher and microbiologist, Professor J V Bhat, through the selection of a renowned microbiologist for the oration award. The Oration is an annual event of MSLS, initiated by Dr K Satyamoorthy at MSLS and Dr P M Gopinath (Former Senior Scientist, MSLS), supported by an endowment and the University.	3 March 2021

Sl. No.	Activity	Particulars	Date(s)
15	DAILAB CAFE Series – 58	Dr Hemanth Noothalapati, Assistant Professor, Faculty of Life and Environmental Science, Shimane University, Japan. Title: Biological and medical applications of Raman microspectroscopy through Microsoft Teams.	5 March 2021
16	DAILAB CAFE Series – 59 	Dr Mahendra Kumar Pal, Associate Research Fellow, Earthquake Disaster Mitigation Research Division, National Research Institute for Earth Science and Disaster Resilience, Japan. Title: Understanding the seismic resilience of building and civil structures using high-performance computing through Microsoft Teams.	12 March 2021
17	DAILAB CAFE Series – 60 	Dr Shreya Thusoo, Postdoctoral Fellow, Institute of Innovative Research, Tokyo Institute of Technology, Japan. Title: Earthquake-resilient precast piles in Japan through Microsoft Teams.	26 March 2021
18	DAILAB CAFE Series – 61 	Dr P K Hashim, Project Researcher, Department of Chemistry and Biotechnology, The University of Tokyo, Japan. Title: Supramolecular Chemistry for Bio-applications: Responsive Nanocarriers for RNA Delivery through Microsoft Team.	21 April 2021
19	PhD defence viva examination 	Title of the Thesis: “Co-occurrence of Human Papillomavirus with Epstein-Barr Virus, Cytomegalovirus, Herpes Simplex Virus and Adenovirus Infections in the Cervix of Women: A Population-based Surveillance, Prevalence and Persistence Study”. Presented by Ms Supriti Ghosh through Microsoft Teams. Examiner: Professor AJS Bhanwer, Professor, Department of Human Genetics, Guru Nanak Dev University, Amritsar.	30 April 2021
20	PhD defence viva examination 	Title of the Thesis: “Influence of IL-6 on DNA Methylation as Consequence of Tumor-Stroma Interactions”. Presented by Ms Mangala Hegde through Microsoft Teams. Examiner: Dr Sanjay Gupta, PI, Cancer Research Institute, ACTREC, Tata Memorial Centre, Kharghar, Navi Mumbai.	17 May 2021
21	DAILAB CAFE Series – 64 	Dr Anirban Bandyopadhyay, Principal Research Scientist, International Center for Materials and Nanoarchitectonics (MANA) & Research Center for the Advanced Characterization and Measurements (RCACM), National Institute for Materials, Science (NIMS), Tsukuba, Japan. Title: A Journey from Nanobot to Drexler’s Engines of Creation through Microsoft Teams.	01 June 2021

Sl. No.	Activity	Particulars	Date(s)
22	PhD defence viva examination 	Title of the Thesis: "Characterisation of insulin-like growth factor-I signalling in cellular responses to ultraviolet radiation". Presented by Ms Melisa Jovita Andrade through Microsoft Teams. Examiner: Dr Paturu Kondaiah, INSA Senior Scientist, Department of Molecular Reproduction, Development and Genetics Biological Building, Indian Institute of Science, Bangalore	07 June 2021
23	DAILAB CAFE Series – 64(2) 	Dr Harishkumar Madhyastha, Department of Cardio-vascular Physiology, School of Medicine, University of Miyazaki, Miyazaki, Japan. Title: Delineating the metal ornamented nanocomposite and role of the transcriptional pathway during in vitro wound healing through Microsoft Teams.	15 June 2021
24	DAILAB CAFE Series – 65 	Dr Hyonchol KIM, Cellular and Molecular Biotechnology Research Institute, National Institute of Advanced Industrial Science and Technology (AIST), Japan, Department of Biotechnology and Life Sciences, Tokyo University of Agriculture and Technology (TUAT), Japan. Lecture Title: Measurements of cancer cell properties by using "magcups" through Microsoft Teams.	17 June 2021
25	DAILAB CAFE Series – 66 	Professor Yoshihiro OHMIYA, National Institute of Advanced Industrial Science & Technology, (AIST), Japan, Osaka Institute of Technology (OIT), Japan. Title: Basic and application of ostracod bioluminescence through Microsoft Teams.	18 June 2021
26	DAILAB CAFE Series – 67 	Dr Vivekanandan Palaninathan, Postdoctoral Fellow, Bionano Electronics Research Centre, Toyo University, Kawagoe, Japan. Title: Electrospinning for Tissue Engineering and Regeneration through Microsoft Teams.	8 July 2021
27	Manipal BioTech Hackathon '21 	Manipal BioTech Hackathon '21 was organized by Manipal - Government of Karnataka BioIncubator and MSLS, MAHE, Manipal.	16 July 2021 to 23 July 2021
28	DAILAB PIKNIKH Series 	(Platform for Innovating Knowledge to International Know How) Indo-Japan Sakura Science Cafe (SUNRISE in CLOUDS) lecture series through Zoom.	23 August 2021 to 27 August 2021

Sl. No.	Activity	Particulars	Date(s)
29	PhD defence viva examination 	Title of the Thesis: "Influence of Host Factors and Microbial Community in Diabetic Wound Healing". Presented by Mr Bharath Prasad through Microsoft Teams. Examiner: Professor Umesh Varshney J N Tata Chair Professor, Department of Microbiology and Cell Biology, Indian Institute of Sciences, Bangalore.	30 August 2021
30	World Fungus Day celebrations	The following events were conducted during World Fungus Day celebrations. 1. Photography competition – Topic: Ubiquitous Fungi 2. Essay competition – Topic: Resourceful Fungi 3. Drawing competition – Topic: Futuristic Fungi.	28 September 2021 to 2 October 2021
31	Students Workshop 	Visit of Students and faculty from Sri Dharmasthala Manjunatheshwara College of Ayurveda, Hassan.	9 October 2021
32	DAILAB CAFE Series – 68 	Dr Yu ZHANG, Research Fellow, AI Research Promotion Office, Research Center for Agricultural Information Technology, National Agricultural Food Research Organization (NARO), Japan. Title: Application of AI and Imaging Techniques to Realize High-quality Stable Production in Smart Agriculture through Microsoft Teams.	18 October 2021
33	Seminar 	Jointly organized by the MSLS, MAHE, Manipal and Agilent Technologies India Pvt Ltd., Bangalore through Microsoft Teams.	19 October 2021
34	Virtual 9th Annual meeting/ Symposium of the Society of Biological Chemists (India) - Coastal Karnataka Chapter. 	The objective of the Coastal Karnataka Chapter of Society of Biological Chemists (India) SBCI is to bring together Biological Chemists and Scientists/Scholars from closely related areas of Life Sciences, working in various Universities, Institutions and Departments of Karnataka State. Smaller meetings of this nature bring together people with a common interest and encourage collaborative research. Also, the local Chapter aims to provide a platform for the young researchers and faculties to present their work, share their ideas, get exposure to recent developments and discuss the implications of development in the field of Biological Chemistry as well as their applications in various fields such as medicine, pharmaceutical industry, diagnostics, plant, animal and microbial sciences.	23 October 2021

Sl. No.	Activity	Particulars	Date(s)
35	Celebration of Vigilance Awareness Week. 	As per the directives of UGC and keeping in view the protocols and advisories issued by the Government of India/UGC/State Government for the prevention of the COVID pandemic, MSLS observed Vigilance Awareness Week from 26 October 2021 to 01 November 2021 on the theme "Independent India @ 75: Self Reliance with Integrity" ("Swatantra Bharat @ 75: Satyanishtha se Atmnrabharta"). In this regard, a Vigilance Awareness Quiz was organized via Microsoft teams and Kahoot on 29 October 2021, and also the integrity pledge for the vigilance awareness was taken by the faculty members, staff members, research scholars and students of MSLS, MAHE on 29 October 2021 in the auditorium.	26 October 2021 to 30 October 2021
36	PhD defence viva examination 	Title of the Thesis: "Functional role of endophytes in overcoming stress and in eliciting host-derived secondary metabolites". Presented by Ms Deepika V Bhat through Microsoft Teams. Examiner: Professor Bipin Nair, Professor and Dean, Amrita School of Biotechnology, Amrita Vishwa Vidyapeetham, Amritapuri Campus, Kollam.	24 November 2021

### Details of Guest Visit(lectures, collaboration, visitors on campus)

#### Guest Lectures :

Sl. No.	Visitor	Name of the Organization	Purpose of Visit	Date of Visit
1	Mr Dayupathi Eranda Nipunika Mandawala, Alumnus of MSLS (BSc Biotech 2006-2009)	Senior Lecturer, Faculty of Science, Horizon Campus, Malabe, Sri Lanka.	Alumni Engagement: Guest Lecture entitled: Journey after Manipal, through Microsoft Teams	30 January 2021
2	Dr Suchitra D Gopinath	Research Scientist, Translational Health Science and Technology Institute, Faridabad.	Guest lecture entitled: Unravelling molecular mechanisms in lean muscle development using human foetal stem cells and transgenic mouse models.	11 February 2021
3	Dr Shivananda Bhat K	Associate Professor and Coordinator - Department of Library and Information Science, Chief Librarian - KMC Health Sciences Library MAHE, Manipal.	Online session on how to use online library resources for the students	22 February 2021 to 22 January 2021
4	Dr Pooja Jha, Alumnus of MSLS (MSc Molecular Biology and Human Genetics - 2005-2008)	Editor-in-Chief, The Lancet Regional Health Europe, Munich, Germany.	Alumni Engagement: Guest Lecture entitled: Editorial and publishing with The Lancet family of journals, through Microsoft Teams.	26 February 2021
5	Dr Aishwarya Gurumurthy, Alumnus of MSLS (BSc Biotechnology (2006-2009) and MSc Medical Biotechnology during (2009-2011)	Postdoctoral Research Fellow, Ryan Lab, Department of Pathology, University of Michigan, 4130 Rogel Cancer Center, Ann Arbor, MI 48109, USA.	Alumni Engagement: Guest Lecture entitled: The Role of Enhancer RNA and Integrator in Locus Control Region (LCR) Mediated Regulation of Beta Globin Gene Expression, through Microsoft Teams	27 March 2021

Sl. No.	Visitor	Name of the Organization	Purpose of Visit	Date of Visit
6	Dr Rajendra Prasad	Dean, Faculty of Science, Engineering and Technology, Director, Amity Institute of Integrative Sciences and Health, Director, Amity Institute of Biotechnology, Amity University Haryana, Amity Education Valley, Gurgaon	Guest Lecture entitled: A journey of 25 years with a multidrug transporter: a lot more to discover, through Microsoft Teams	16 April 2021
7	Dr Swati Suresh Dudhal, Alumnus of MSLS (MSc Molecular Biology and Human Genetics during 2011-2013)	Scientist and Project leader at Pitie-Salpetriere Hospital, Paris, France.	Alumni Engagement: Guest Lecture Title: Selenoprotein N as a novel regulator of the muscle progenitor's cell fate decision process: balancing differentiation and self-renewal, through Microsoft Teams	24 April 2021
8	Dr Anita Mahadevan	Professor, Department of Neuropathology, NIMHANS, Hosur Road, Bangalore.	Guest Lecture entitled: Looking Back: Two Decades of Brain Banking in India, through Microsoft Teams	03 May 2021
9	Dr Dhanya K Nambiar, Alumnus of MSLS (BSc during 2003-2006 and MSc MBT 2006-2008)	Instructor, Department of Radiation Oncology, Stanford University, Stanford, CA-94305, USA.	Alumni Engagement: Guest Lecture entitled: Galectin-1 Mediated Immune Evasion in Head and Neck Cancers, through Microsoft Teams	22 May 2021
10	Dr Rajeev K Sukumaran	Senior Principal Scientist and Head, Microbial Processes and Technology Division, CSIR-National Institute for Interdisciplinary Science and Technology, Thiruvananthapuram, Kerala.	Guest Lecture entitled: Large scale gene expression analysis for understanding microorganism response to environmental cues, through Microsoft Teams	29 May 2021
11	Dr R Sathish Kumar	Professor & Head, Department of Biotechnology, Bharathiar University, Coimbatore, Tamil Nadu.	Guest Lecture entitled: Plant Metabolic Engineering- an overview with case studies, through Microsoft Teams.	5 June 2021
12	Dr Sriram Sridharan	Bioinformatics Analyst Genomics Analysis Laboratory Salk Institute for Biological Studies, La Jolla, CA, USA.	Guest lecture entitled: Genomic signatures underlying DNA replication stress: A Clinical Relevance, through Microsoft Teams.	12 June 2021
13	Dr Chinnarajan Ravindran	Biological oceanography Division CSIR- National Institute of Oceanography Dona Paula, Goa.	Guest lecture entitled: A zebrafish model for host-pathogen interaction, through Microsoft Teams.	18 June 2021
14	Dr Venu Seenappa, Alumnus MSLS who completed PhD degree during 2017	Manager- Division of Molecular Genetics, LifeCell International Pvt Ltd, Chennai.	Alumni Engagement: Guest lecture entitled: Diagnosis of Single Gene Disorders - An Application of Molecular Assays, through Microsoft Teams.	26 June 2021



Sl. No.	Visitor	Name of the Organization	Purpose of Visit	Date of Visit
15	Dr Murali Krishna Ghatkesar	Assistant Professor of Micro and Nanoengineering at the Department of Precision and Microsystems Engineering, Technical University (TU) – Delft, Netherlands.	Guest Lecture entitled: “Micromechanical probes for cellular and sub-cellular analysis” through Microsoft Teams.	28 June 2021
16	Dr Kishore Kumar Ramakrishna	Professor of Ayurveda, Department of Integrative Medicine, National Institute of Mental Health and Neuro Sciences (NIMHANS), Hosur Road, Bengaluru.	Guest Lecture entitled: Ayurveda and Mental Health, through Microsoft Teams.	3 July 2021
17	Dr Milan Surjit	Associate Professor, Virology Laboratory, Vaccine and Infectious Disease Research Centre, Translational Health Science and Technology Institute, 3 <sup>rd</sup> milestone, Faridabad-Gurgaon Expressway, Faridabad.	Guest Lecture entitled: Host-pathogen interactions during SARS-CoV2 infection: insights from virus-host RNA-protein interactome studies, through Microsoft Teams.	5 July 2021
18	Dr Shovan Naskar	Postdoctoral Associate, National Institute of Mental Health (NIMH), USA.	Guest Lecture entitled: Cell-type-specific recruitment of GABAergic interneurons in the primary somatosensory cortex by long-range inputs, through Microsoft Teams.	13 July 2021
19	Dr Priyanka Parijat, (Alumnus of MSLS, who studied BSc Biotechnology during 2004-2007 and MSc Medical Biotechnology during 2007-2009)	Research Associate, Randall Division of Cell and Molecular Biophysics, King’s College London, UK.	Alumni Engagement: Guest Lecture entitled: Developing high throughput drug screening strategies for cardiac diseases, through Microsoft Teams	24 July 2021
20	Dr Rama Natarajan	National Business Products Industry Professor of Diabetes Research, Chair, Department of Diabetes Complications and Metabolism Deputy Director, Arthur Riggs Diabetes & Metabolism Research Institute Beckman Research Institute of City of Hope 1500 East Duarte Road, Duarte, CA 91010.	Guest Lecture entitled: Epigenetics in Diabetic complications and Metabolic Memory, through Microsoft Teams.	6 August 2021
21	Dr Ravi Ram Kristipati	Principal Scientist, CSIR-IITR, Associate Professor, AcSIR, Embryotoxicology Laboratory, Environmental Toxicology Group, CSIR-Indian Institute of Toxicology Research, Vishvignyan Bhawan, 31 Mahatma Gandhi Marg, Lucknow.	Guest Lecture entitled: Drosophila love: insights to male fertility and toxicity, through Microsoft Teams.	2 September 2021

Sl. No.	Visitor	Name of the Organization	Purpose of Visit	Date of Visit
22	Dr Manoj Prasad	Senior Scientist and J C Bose National Fellow, National Institute of Plant Genome Research, Aruna Asaf Ali Marg, New Delhi.	Guest Lecture entitled: Battle against viruses: small RNAs as the defenders, through Microsoft Teams.	3 September 2021
23	Mr Vivek Tandon, (Alumni, who completed BSc (2006-2009) and MSc-MBT (2009-2011))	Manager, Primus Partners, New Delhi.	Alumni Engagement: Guest Lecture entitled: Staying Positive to Make a Powerful Career, through Microsoft Teams	25 September 2021
24	Professor Kumar Somasundaram	Professor and Chair, Department of Microbiology and Cell Biology, Indian Institute of Science, Bengaluru.	Guest Lecture entitled: Cancer stem-like cells: understanding tumour hierarchy and heterogeneity, through Microsoft Teams	7 October 2021
25	Ms Niyati Khetarpal, our Alumna who completed BSc (2005-2008) and MSc-MBT (2008-2010)	Consultant at IQVIA, New Delhi.	Alumni Engagement: Guest Lecture entitled: Careers that need you, through Microsoft Teams	29 October 2021
26	Dr K N Ganesh	National Manager (Applications) Olympus Medical Systems India Private Limited, Halasoor, Bengaluru.	Guest Lecture entitled: High Resolution and High-Speed 3D Imaging and Artificial Intelligence-based quantitative data analysis, through Microsoft Teams.	15 November 2021
27	Dr Vishnu Modur, our Alumna who studied BSc Biotechnology during 2005-2008 and MSc Medical Biotechnology during 2008-2010	Research Scientist at Division of Experimental Hematology and Cancer Biology, Cincinnati Children's Hospital, USA.	Alumni Engagement: Guest Lecture entitled: Blowing Hot and Cold: Tolerance in Anti-tumour Immunity and Perseverance in Becoming A Life Scientist, through Microsoft Teams.	27 November 2021

#### Details of Publications:

National		International	
Indexed	Non - Indexed	Indexed	Non - Indexed
0	0	105	0

#### Conferences attended by Institution faculty and students:

Faculty		Student	
National	International	National	International
37	18	24	13

#### Details of Conferences/Workshops conducted by the Institution:

Particulars	National	International
Conference	1	0
Workshop	2	0
Seminar	4	1
Other	1	0

## Details of Research Grants:

Sl. No.	Project Name	Principal Investigator	Funding Agencies	Total Grants Received (INR)	Date(s)
1	TIFAC Diagnostics	Dr K Satyamoorthy	Diagnostics	2,53,000/-	1 January 2021 to 31 January 2021
2	Sample Testing Charges	Dr K Satyamoorthy	Services	16,81,314/-	1 January 2021 to 31 December 2021
3	Establishment of Patient-Derived Breast tumour Xenograft and assessment of tumour by photoacoustic spectroscopy ex vivo	Mr Jackson Rodrigues, SRF; Guide Dr K K Mahato	ICMR, New Delhi	3,90,698/-	8 January 2021
4	Fellowship to SRF Mr Raghushekar C R on the Project title "Objective assessment of mitochondrial proteins in-vitro during oral cancer progression by combined Laser Induced Fluorescence and Photoacoustic spectroscopy measurements"	Mr Raghushekar C R, Guide Dr K K Mahato	ICMR, New Delhi	78,933/-	8 January 2021
5	Identification of cellular metabolic activity through automated image segmentation technique in a single cell	Dr Nirmal Mazumder	SERB, New Delhi	2,20,000/-	12 January 2021
6	Dual HDAC/RR Inhibitor: Design, Synthesis and evaluation of bipyridine hydroxamic acids as anticancer agents	Dr Babitha Kampa Sundara	DBT, New Delhi	9,11,080/-	15 January 2021
7	Biotechnology Skill Enhancement Programme (BiSEP)	Dr K Satyamoorthy	KBITS, Bangalore	7,51,934/-	16 January 2021
8	Evaluating the anthroquinone derivatives for inhibition of bio film formation and dispersion	Dr Roopa Nayak	VGST, Bangalore	3,00,000/-	19 January 2021
9	Role of Double C2 like Domain Containing Protein Bet (DOC2B) as a Regulator of Senescence and Wnt Signaling	Ms Divya Adiga; Guide: Dr Shama Prasad K	ICMR, New Delhi	4,15,505/-	19 January 2021
10	Effect of Hemocoagulase on SARS-CoV-2 proteins	Dr K Satyamoorthy	Alantis Sciences India Pvt Ltd	6,52,323/-	1 February 2021
11	TIFAC Diagnostics	Dr K Satyamoorthy	Diagnostics	2,01,000/-	1 February 2021 to 28 February 2021
12	Identification of the genetics associated with resistant starch content in rice for nutraceutical benefits	Dr Nirmal Mazumder	DBT, New Delhi	8,17,839/-	05 February 2021

Sl. No.	Project Name	Principal Investigator	Funding Agencies	Total Grants Received (INR)	Date(s)
13	Role of folate pathway on homocysteine and Ferroptosis neurodegenerative diseases	Dr Sudharshan Prabhu	ICMR, New Delhi	5,86,371/-	06 February 2021
14	Hemocoagulase Components and effect of Batroxobin on SARS-CoV-2 proteins	Dr K Satyamoorthy	Alantis Sciences India Pvt Ltd	1,08,000/-	25 February 2021
15	Development of a portable two-photon fluorescence lifetime imaging system for mouse brain in vivo during hypoxia	Dr Nirmal Mazumder	ICMR, New Delhi	43,03,760/-	1 March 2021
16	TIFAC Diagnostics	Dr K Satyamoorthy	Diagnostics	2,71,500/-	1 March 2021 to 31 March 2021
17	Microfluidic based detection of microbial communities and antibiotic responses in the management of diabetic foot ulcers (MIDARDI)	Dr K Satyamoorthy	IGSTC, New Delhi	20,55,264/-	3 March 2021
18	Functional Evaluation of Mitochondrial Genome encoded miRNAs in Breast Cancer	Dr Sanjiban Chakrabarty	SERB, New Delhi	11,32,800/-	11 March 2021
19	Preclinical study on the development of therapeutic adjuvants based on Ayurveda	Dr K Satyamoorthy	Savitribai Phule Pune University, Pune	8,50,000/-	25 March 2021 to 30 March 2021
20	Septo-hippocampal-cortical neurocircuitry interaction in Ageing and Alzheimer's mice models: An investigation based on a behavioural, physiological and molecular approach	Dr Gireesh G	SERB, New Delhi	19,74,666/-	29 March 2021
21	MSLS Endowment Fund	Dr K Satyamoorthy	Ramani Ravishankar Doraswamy-Donation towards MSLS Endowment fund with matching grant from MAHE	6,00,000/-	31 March 2021
22	TIFAC Diagnostics	Dr K Satyamoorthy	Diagnostics	1,82,500/-	1 April 2021 to 30 April 2021
23	Functional Characterization of Mitochondrially Encoded micro RNAs (miRNAs) in Triple Positive and triple Negative Breast Cancer	Dr Sanjiban Chakrabarty	SERB, New Delhi	1,13,096/-	6 April 2021
24	TIFAC Diagnostics	Dr K Satyamoorthy	Diagnostics	1,16,000/-	1 May 2021 to 31 May 2021

Sl. No.	Project Name	Principal Investigator	Funding Agencies	Total Grants Received (INR)	Date(s)
25	Hemocoagulase Components and effect of Batroxobin on SARS-CoV-2 proteins	Dr K Satyamoorthy	Alantis Sciences India Pvt Ltd	1,11,900/-	22 May 2021
26	TIFAC Diagnostics	Dr K Satyamoorthy	Diagnostics	2,12,000/-	1 June 2021 to 30 June 2021
27	Multimodal nonlinear optical microscopy in studying articular cartilage regeneration and osteoarthritis	Dr Nirmal Mazumder	Global Innovation & Technology Alliance, Haryana	14,20,348/-	4 June 2021
28	Investigating the role of calcium Exosomal Axis Associated Signaling Pathways in Cervical Cancer	Ms Sangavi E; Guide: Dr Shama Prasad K	ICMR, New Delhi	4,73,600/-	10 June 2021
29	Fellowship to SRF Mr Raghushekar C R on the Project title "Objective assessment of mitochondrial proteins in-vitro during oral cancer progression by combined Laser Induced Fluorescence and Photoacoustic spectroscopy measurements"	Mr Raghushekar C R; Guide: Dr K K Mahato	ICMR, New Delhi	3,75,257/-	10 June 2021
30	Elucidation of molecular pathomechanisms of Bisphenol A in polycystic ovarian syndrome	Ms Navya Prabhu B; Guide: Dr Padmalatha Rai	ICMR, New Delhi	4,73,600/-	10 June 2021
31	Structural and functional analysis of mutation in APEX2 identified through exome sequencing and its implication in etiology of atypical ataxia	Ms Sima Chaudhari; Guide: Dr Satyamoorthy	ICMR, New Delhi	4,40,000/-	18 June 2021
32	Establishment of patient Derived Breast tumour Xenograft and assessment of tumour by photoacoustic spectroscopy ex vivo	Mr Jackson Rodrigues, SRF; Guide: Dr K K Mahato	ICMR, New Delhi	78,933/-	22 June 2021
33	Centre for excellence in-multi disciplinary approach to understand ageing process in relation to DNA Repair	Dr Guruprasad K P	VGST, Bangalore	20,00,000/-	22 June 2021
34	Fellowship stipend and Contingencies in respect of Mr Satyajit Dey Pereira	Mr Satyajit Dey Pereira; Guide: Dr K Satyamoorthy	ICMR, New Delhi	2,10,880/-	24 June 2021
35	TIFAC Diagnostics	Dr K Satyamoorthy	Diagnostics	2,98,500/-	1 July 2021 to 31 July 2021

Sl. No.	Project Name	Principal Investigator	Funding Agencies	Total Grants Received (INR)	Date(s)
36	Research fellowship project entitled " Functional Characterization of novel mitochondrial genome encoded microRNAs in Breast Cancer"	Mr Raviprasad K V SRF; Guide: Dr Sanjiban Chakrabarty	ICMR, New Delhi	4,55,058/-	2 July 2021
37	Epigenetic Regulation of Exosome Proteins in Type 2 Diabetes: Implications in Understanding Metabolic Memory	Dr Manjunath B Joshi	ICMR, New Delhi	19,38,147/-	9 July 2021
38	Evaluation of the Genotype-Phenotype Correlation in Idiopathic Dilated cardiomyopathy (iDCM) in an Indian Cohort	Dr Moka Rajasekhar	SERB, New Delhi	9,00,000/-	12 July 2021
39	TIFAC Diagnostics	Dr K Satyamoorthy	Diagnostics	3,10,500/-	1 August 2021 to 31 August 2021
40	Fellowship on project entitled "Cancer Integromics identifying the cancer signature through multi-omics data integration"	Mr Pradyumna J, SRF; Guide: Dr K Satyamoorthy	ICMR, New Delhi	4,73,600/-	27 August 2021
41	Investigating metabolic reprogramming in stroke as a consequence of homocysteine induced bidirectional activation of neutrophils and platelets	Dr Manjunath B Joshi	SERB, New Delhi	5,00,000/-	31 August 2021
42	A structural and behavioural study on Neurological changes in Adult Mice Co-Exposed to low-dose radiation and organophosphate pesticides during neonatal and postnatal stages of development	Dr Kamallesh Dattaram Mumbreakar	SERB, New Delhi	3,00,000/-	1 September 2021
43	TIFAC Diagnostics	Dr K Satyamoorthy	Diagnostics	2,28,500/-	1 September 2021 to 30 September 2021
44	Fellowship to SRF Mr Darshan C M on the Project title, "Auto fluorescence-based diagnostic technique for measuring Glycoalbumin, a potential marker for glycemic control in diabetes"	Mr Darshan C M; Guide: Dr K K Mahato	ICMR, New Delhi	78,933/-	7 September 2021
45	Microfluidic based detection of microbial communities and antibiotic responses in the management of diabetic foot ulcers (MIDARDI)	Dr K Satyamoorthy	IGSTC, New Delhi	14,38,651/-	29 September 2021
46	TIFAC Diagnostics	Dr K Satyamoorthy	Diagnostics	2,08,000/-	1 October 2021 to 31 October 2021

Sl. No.	Project Name	Principal Investigator	Funding Agencies	Total Grants Received (INR)	Date(s)
47	Inspire Fellowship under INSPIRE Program - for a student pursuing full-time doctoral (PhD) Program at MAHE	Ms Apoorva BS, JRF; Guide: Dr Gireesh G	DST, New Delhi	4,21,760/-	6 October 2021
48	Investigation of the role of septohippocampal neural circuit and hippocampal theta oscillations on social memory in mice	Dr Gireesh G	Regional Center for Biotechnology, Faridabad	22,22,000/-	18 October 2021
49	TIFAC Diagnostics	Dr K Satyamoorthy	Diagnostics	3,13,500/-	1 November 2021 to 30 November 2021
50	Establishment of patient-derived breast tumour Xenograft and assessment of tumour by photoacoustic spectroscopy ex vivo	Mr Jackson Rodrigues, SRF; Guide: Dr K K Mahato	ICMR, New Delhi	3,91,860/-	3 November 2021
51	Role of Double C2 like Domain Containing Protein Bet (DOC2B) as a Regulator of Senescence and Wnt signalling	Ms Divya Adiga; Guide: Dr Shama Prasad K	ICMR, New Delhi	4,71,479/-	6 November 2021
52	Fellowship stipend and contingencies in respect of Mr Satyajit Dey Pereira	Mr Satyajit Dey Pereira; Guide: Dr K Satyamoorthy	ICMR, New Delhi	1,99,326/-	6 November 2021
53	Evaluation of patterns of inheritance of Phenotypes in defined <i>human dosha prakriti</i>	Dr K Satyamoorthy	SERB, New Delhi	4,00,000/-	11 November 2021
54	Crosstalk between metabolism and innate immune responses during steady-state and emergency granulopoiesis in type-2 diabetes and implications in combating infections	Dr Manjunath B Joshi	DBT, New Delhi	9,60,010/-	11 November 2021
55	Development of therapeutic humanized antibodies against IL-6R and gp130 for breast cancer treatment	Dr K Satyamoorthy	ICMR, New Delhi	9,01,961/-	11 November 2021
56	Research Fellowship project entitled, "Epigenetic antagonism, oncogenicity and association with senescence of chromatin modifiers in human cancers	Ms Neena George, SRF; Guide: Dr K Satyamoorthy	ICMR, New Delhi	4,21,307/-	18 November 2021
57	Dual drug loaded radiosensitive liposomal nanovectors targeting Integrin $\alpha 6$ : A Glioblastoma Stem Cell marker in Intracerebral Orthotopic Xenografts	Dr Satish B S Rao	SERB, New Delhi	6,00,000/-	24 November 2021

Sl. No.	Project Name	Principal Investigator	Funding Agencies	Total Grants Received (INR)	Date(s)
58	Identification of clustered miRNAs associated with bladder cancer progression	Dr Bobby Paul	KSTePS, Bangalore	3,00,000/-	30 November 2021
59	TIFAC Diagnostics	Dr K Satyamoorthy	Diagnostics	2,48,500/-	1 December 2021 to 31 December 2021
60	DST Fist Program-2018	Dr K Satyamoorthy	DST, New Delhi	60,00,000/-	09 December 2021
61	Development of a genome engineered stem cell drug toxicity model for developing countries	Dr K Satyamoorthy	DST, New Delhi	8,35,120/-	9 December 2021
62	Translation of CpG-Methylation Biosignatures of genes for rapid and sensitive diagnostic and prognostic applications during cervical cancer progression	Dr K Satyamoorthy	BIRAC, New Delhi	12,03,140/-	13 December 2021
63	Evaluation of the Impact of allele-specific gene expression on therapeutic response to oral hypoglycemic drugs in type-2 diabetes	Dr Padmalatha S Rai	SERB, New Delhi	1,41,751/-	15 December 2021
64	Role of folate pathway on homocysteine and ferroptosis in neurodegenerative diseases	Dr Sudharshan Prabhu	ICMR, New Delhi	10,84,668/-	16 December 2021
65	Blocking of delaying the onset of Alzheimer's disease in experimental mice	Dr Guruprasad K P	Pratiksha Trust, Bangalore	16,85,200/-	21 December 2021
66	Understanding the functional role of co-activator binding protein PIMT in adipogenesis and obesity	Dr K Satyamoorthy	DBT, New Delhi	5,52,000/-	28 December 2021

#### Awards/Recognitions:

##### Institution (including 'The Best Teacher Award' for the year)

Sl. No.	Name	Details	Date
1	Dr A Muthusamy, Professor and Head, Department of Plant Sciences	Best Teacher Award for the year 2020	21 October 2021

#### Faculty Members

Sl. No.	Name	Details	Date
1	Mr Sandeep P Mallya	Resource Person at the "Online Technical Workshop-Next Generation sequencing", Manipal-Government of Karnataka Bioincubator, Manipal (13 May 2021)	13 May 2021



Sl. No.	Name	Details	Date
2	Mr Sandeep P Mallya	Resource Person at AICTE Training and Learning (ATAL) Academy – Faculty Development Program on “Artificial Intelligence in Pharmaceutical Product Development”, Department of Pharmaceutics, MCOPS, MAHE, Manipal (29 July 2021)	29 July 2021
3	Dr Muthusamy	Chairperson for panel 32, session at Interdisciplinary Conference on Health Care and Technical Research (ICHTR) – 2021, MAHE-SRF, MAHE (11 to 13 November 2021)	13 November 2021
4	Mr Sandeep P Mallya	Awarded the best paper presentation award during the “Interdisciplinary Conference on Healthcare and Technical Research (ICHTR) – 2021” from 11 to 13 November 2021	13 November 2021
5	Dr Nirmal Mazumder	FAOBMB Young Scientist Programme (YSP) awardee, 2021, at the 16th Congress of the Federation of Asian and Oceanian Biochemists and Molecular Biologists (FAOBMB), New Zealand (22 to 25 November 2021)	25 November 2021
6	Dr Bhisham Narayan Singh	Life Membership from Asian Polymer Association	31 December 2021
7	Dr Bhisham Narayan Singh	Patent “A novel bioactive composite scaffold and a method of preparation thereof”. (No. 201911045141) published	31 December 2021
8	Dr Shama K Prasada	Selected as Executive Committee (EC) Member, Society for Mitochondrial Research and Medicine – India	31 December 2021
9	Dr Nirmal Mazumder	SPIE Senior Member for his contributions and accomplishments in field of Optics and BioPhotonics research by the SPIE Board of Directors and the Membership Committee. The SPIE is the international society for optics and photonics Research.	31 December 2021
10	Dr Nirmal Mazumder	Selection Committee Member for “Adolph Lomb Medal” by The Optical Society (OSA), USA and will serve for 2 years.	31 December 2021

### Students

Sl. No.	Name	Details	Date
1	Mr Pradyumna J	Awarded ICMR Senior Research Fellowship for the project “Cancer Integromics; Identifying the cancer signature through multi-omics data integration”; supervisor: Dr K Satyamoorthy (January 2021)	1 January 2021
2	Ms Sangavi E	Awarded ICMR Senior Research Fellowship for the project “Investigating the Role of Calcium - Exosomal Axis and Associated Signaling Pathways in Cervical Cancer”; Supervisor: Dr Shama Prasada K (March 2021)	1 March 2021
3	Ms Navya Prabhu	PhD Scholar awarded ICMR Senior Research Fellowship for the project “Omics-based Identification of Potential Biomarkers for Bisphenol A Exposed Polycystic Ovarian Syndrome in Indian Women”; Supervisor: Dr Padmalatha S Rai (March 2021)	2 March 2021

Sl. No.	Name	Details	Date
4	Ms Sima Chaudhari	Awarded ICMR Senior Research Fellowship for the project "Structural and functional analysis of mutation in APEX2 identified through exome sequencing and its implication in egiology of atypical ataxia"; Supervisor: Dr K Satyamoorthy (March 2021)	22 March 2021
5	Ms Manasa G Shetty	Alumni talk at SDMC Ujire. During the presentation, she also highlighted the courses and opportunities available in MSLS, MAHE.	31 May 2021
6	Ms Aditi Sengupta	Best Poster Award on the topic "Physicochemical characterization of native starch from different starch varieties" in National Conference on Emerging Trends in Physics-2021 (NCTEP-2021) held on 16 June 2021 organized by the Department of Physics, Tezpur University, Assam, India.	16 June 2021
7	Mr Soumyabrata Banik	Participated in the Edinburgh Super-Resolution Imaging Consortium (ESRIC) Virtual Summer School 2021 organized by ESRIC in association with Heriot-Watt University, Scotland. The summer school conducted several courses, tutorial talks, and workshops that brought together the experts and world-renowned scientists working in the field of super-resolution microscopy (8 to 16 June 2021)	16 June 2021
8	Mr Vinay C M	Awarded Karnataka DST-PhD fellowship of Department of Science and Technology (DST), Government of Karnataka; supervisor: Dr. Padmalatha S Rai, Title: "Development of Molecular and Metabolite Reference Library for Authentication of Medicinal Plants" (July 2021)	20 July 2021
9	Ms Anjali Warriar, Ms Apoorva Jnana and Ms Chandni Sachdeva	Won the First Prize at the virtual All-India Manipal Biotech Hackathon 2021, organized by the Manipal-GoK Bioincubator and MSLS, MAHE, Manipal (Jul 2021)	31 July 2021
10	Mr Dinesh Reghunathan, Mr Satyajit Dey Pereira, Ms Sima Chaudhari and Ms Shruptha Padival	Won Third Prize in virtual All-India Manipal Biotech Hackathon 2021, organized by the Manipal-GoK BioIncubator and MSLS, MAHE, Manipal (July 2021).	31 July 2021
11	Mr Parth Shah	Received IASc-INSA-NASI, Summer Research Fellowship Program under Professor K. P. Mohan Kumar at Inter-University Centre for Biomedical Research and Super Speciality Hospital, Kottayam, Kerala (July to August 2021)	31 August 2021
12	Ms Apoorva BS	Awarded DST-INSPIRE Fellowship for doctoral studies	7 September 2021
13	Mr Gagan	Selected for International Brain Research Organization (IBRO)-Asia Pacific Regional Committee (APRC) Associate "Virtual School of Neuroscience on Biophysical to Molecular Techniques: An Interface in Neurobiology Research" organized by IBRO-APRC in association with Indira Gandhi National Tribal University, Amarkantak (MP), during 23 to 27 September 2021	27 September 2021
14	Ms Sanika Kulkarni, Ms Khushi Mamgain, Mr Pranshu, Ms Bhavya B, Ms Kowshiga K, Ms Divya Ramesh, Ms Mehak Thakur, Ms Warange Shiwangi Vijay, and Ms Kadam Yashashree Vijay, MSc Bioinformatics Students	They were selected competitively to undertake dissertation/ internship/Training in the R and D Theme at CSIR-IIIM, Jammu, in the field of Bioinformatics and Cheminformatics; and Quality Control and Quality Assurance (August to September 2021)	30 September 2021

Sl. No.	Name	Details	Date
15	Mr Jackson Rodrigues	Received an international conference grant of 300 USD from Milton Chang Travel Grant-2021 by FiO+LS Incubic Milton Chang Foundation, USA supporting his participation at OPTICA's (formerly OSA's) Annual Meeting Conference (31 October to 3 November 2021)	3 November 2021
16	Ms Aswathy S Nair	Awarded the best paper presentation award during the "Interdisciplinary Conference on Healthcare and Technical Research (ICHTR) – 2021" from 11 to 13 November 2021	13 November 2021
17	Ms Maria Jerome	Winner of the zonal level BioQuiz 2021 competition conducted by the Government of Karnataka for all life sciences undergraduate students in colleges in the state. The Department of Electronics, Information Technology, Biotechnology and Science & Technology, Government of Karnataka organized the 24th edition of Bengaluru Tech Summit 2021 (BTS2021) from 17 to 19 November 2021.	19 November 2021
18	K Sathya Priyanka and Stanley Mathew	Best poster award for the paper entitled "Fluorescence spectroscopy-based differentiation of fibroadenoma and phyllodes tumour: A prospective study" by K Sathya Priyanka, Stanley Mathew, K K Mahato at the Association of Breast Surgeons of India Conference-2021 (ABSICON-2021) held during 26 to 27 November 2021 (Offline mode), Kolkata.	27 November 2021
19	Ms Shruptha Kumari	Lady Tata Memorial Trust Junior Research Fellowship for the project "Investigation of microbiome and mechanism during cervical cancer progression in women"; Supervisor: Dr K Satyamoorthy (December 2021)	1 December 2021
20	Ms Rekha K N	Awarded Karnataka DST-PhD Fellowship (2021-22) of Department of Science and Technology (DST), Government of Karnataka. Supervisor: Dr Kamalesh Mumbreakar	7 December 2021
21	Ms Ishita Chakraborty	Awarded with the Karnataka DST-PhD fellowship of Department of Science and Technology (DST), Government of Karnataka, for her PhD Thesis titled "Thermal Characterization and Applications of Starch in Rice Varieties" under the guidance of Dr Nirmal Mazumder	7 December 2021
22	Mr Nadeem Khan G and Ms Aswathy S Nair	PhD scholars were among the top 10 per cent of posters in the 90th Annual Meeting of the Society of the Biological Chemists India (SBCI)-2021 organized online by the Amity University, Haryana from 16 to 19 December 2021	19 December 2021
23	Ms Mrinalini Lianne Rao, Ms Yuthika Shetty, Ms Aadhyaa Setya, Ms Aditi Sharma (MSc Molecular Biology and Human Genetics), Ms Khushi Mamgain, Ms Ananya Rao Khedige, Mr Manoj Wagle (MSc Bioinformatics), Ms Akshara C Urs (MSc Systems Biology)	Eight students of the second year MSc degree programs (2020 batch) at MSLS have been selected for the prestigious European scholarship (2021-22) to pursue a one-year program in Health4Life Engineering in France.	31 December 2021

Sl. No.	Name	Details	Date
24	Ms Melisa Jovita Andrade	She published an article in the highly reputed Journal of Cell Science (JCS). The issue also carried a first person interview of Ms Melisa Jovita Andrade. First Person is a series of interviews with the first authors of a selection of papers published in the Journal of Cell Science, helping early-career researchers to promote themselves alongside their papers. Ms Melisa Jovita Andrade is the first author of the paper titled "RPA facilitates the rescue of keratinocytes from UVB radiation damage through insulin-like growth factor-I signalling", published in JCS. Ms Melisa Jovita Andrade is a joint PhD student in the lab of Professor K Satyamoorthy at Manipal School of Life Sciences, MAHE, Manipal, Karnataka, India and Institute of Health and Biomedical Innovation, Queensland University of Technology, Brisbane, Queensland, Australia, where her current research interests lie in understanding the cellular responses of skin cells to Ultraviolet B Radiation (UVBR) and the mechanistic pathways of cellular damage protection by growth factors in 2D and 3D photobiology human skin models.	31 December 2021
25	Ms Divya Ramesh and Ms Mehak Thakur	MSc (Bioinformatics) students participated in the MAHE Business Idea Competition organized by the Department of Commerce and Manipal Innovation Centre. After repeated scrutiny, out of 51 teams from the competition and after two rounds of screening, they made it to the group of the top four teams.	31 December 2021
26	Mr Soumyabrata Banik	Secured Third place in the Photography competition – Best Shot conducted by Department of Commerce, MAHE, Manipal	31 December 2021
27	Dr Supriti Ghosh	Awarded postdoctoral fellowships at the Institute of Cancer Research, London upon her successful graduation from the PhD program under the supervision of Professor K Satyamoorthy (MSLS, Manipal)	31 December 2021
28	Ms Melisa Jovita Andrade	She was awarded a Postdoctoral Fellowship at the University of California, Irving, USA upon her successful graduation from the PhD program under the supervision of Professor K Satyamoorthy (MSLS, Manipal)	31 December 2021
29	Ms Maria Jerome	She won third place in the state-level BioQuiz 2021 competition conducted by the Government of Karnataka for all life sciences undergraduate students in colleges in the state.	31 December 2021

### Staff

Sl. No.	Name	Details	Date
1	Mrs Rashmi Vinay	Best Supporting Staff Award – 2020	21 October 2021

### Extra-Curricular Activities:



#### Sports Activities:

#### Inter Institution:

Sl. No.	Event	Details	Date(s)
1	MAHE Inter-Collegiate Table Tennis Tournament	MAHE intercollegiate competitions, staff and research scholars from MSLS participated enthusiastically and were rewarded with due accolades. Mr Prabodh Kumar, Research Scholar from MSLS, was the runner up in the Table Tennis singles event while Mr Prabodh Kumar and Dr Shama Prasada K won the doubles event defeating Dr Satyamoorthy K and Dr Murali TS (all from MSLS) in the finals of the MAHE inter-collegiate staff Table Tennis Tournament	22 December 2021

## Cultural Activities:

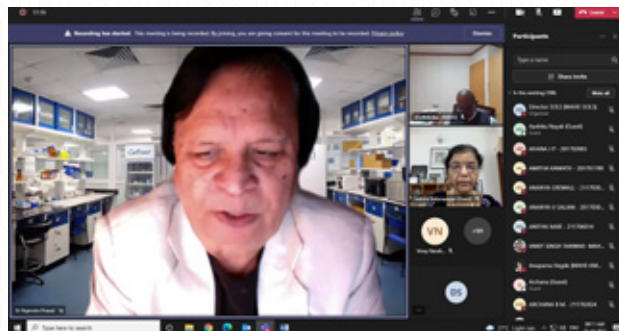
### In Institution:

Sl. No.	Event	Details	Date(s)
1	Azadi Ka Amruth Mahotsav 	As per the directives of UGC, New Delhi, the MSLS has organized an Essay writing competition as part of the celebrations of India's 75 years of Independence.	12 March 2021
2	International Yoga Day 	MSLS observed International Yoga Day on 21 June 2021. In this regard, we organized an essay competition for the faculty, students, research scholars and staff of MSLS. The essay competition was held on Microsoft Teams and the essay competition was titled "Yoga – A path to physical and spiritual healing".	21 June 2021

### Photo Archive of Important events



Annual Awards Presentation Ceremony at MSLS, Manipal.



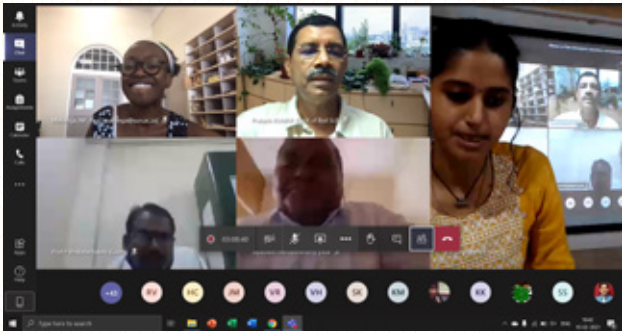
MSLS, MAHE, Manipal organized a one-day 9th Annual Symposium of the Coastal Karnataka Chapter of the Society of Biological Chemists (India).



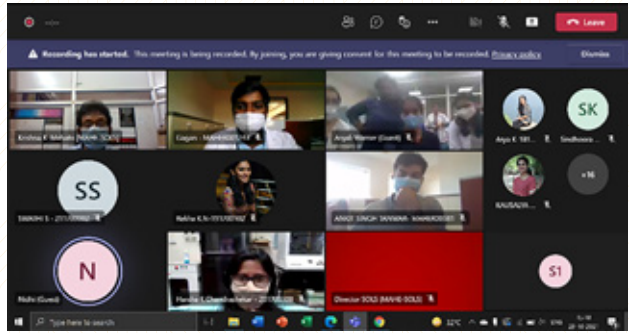
A series of Webinars organized by the Manipal-AIST Advanced Research and Training Centre in Biomedical Sciences.



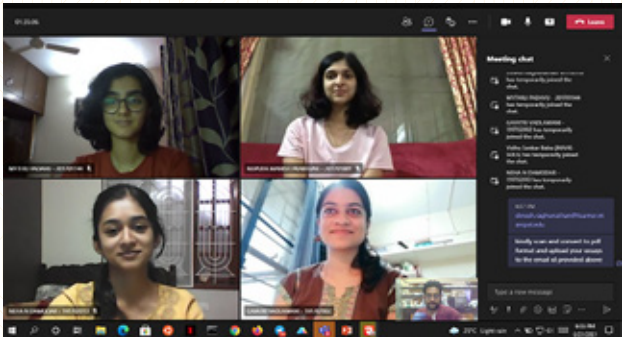
Laboratories facilities at MSLS, Manipal.



An International Webinar on “Plant-Environment Interactions and Sustainable Productions” was held at MSLS, MAHE, Manipal.



The Vigilance Awareness Week has been observed at MSLS, Manipal as per the directives of UGC, New Delhi.



MSLS, Manipal has conducted Essay Competition as part of International Yoga Day as per the directives of UGC, New Delhi.



National Science Day celebrations at MSLS, Manipal.



Eight students of the second year MSc degree programs (2020 batch) at MSLS have been selected for the prestigious European scholarship (2021-22) to pursue a one-year program in Health4Life Engineering in France.



Dr Kishore M Paknikar (former Director, Agharkar Research Institute, Pune) delivered the 15th Annual MAHE-Professor J V Bhat Memorial Oration at MSLS, Manipal in the presence of Dr M S Valiathan (National Research Professor and former Vice Chancellor, MAHE, Manipal).

# Prasanna School of Public Health, Manipal

Address: Near KMC Greens, Manipal Academy of Higher Education, Manipal

Phone Number: +91 820 2923157

Email-Office: [publichealth.mu@manipal.edu](mailto:publichealth.mu@manipal.edu)

Director Email: [helmut.brand@manipal.edu](mailto:helmut.brand@manipal.edu)



Name of the Director: **Professor Helmut Brand**

Established: **2009**

## Details of Programs offered by the Institution:

- Master of Public Health (MPH)
- Masters in Hospital Administration (MHA)
- Master of Social Work (MSW)
- MSc (Biostatistics)
- MSc (Data Science)
- Certificate Course in Biostatistics, Epidemiology and Research Methodology
- Certificate Course on Evidence Synthesis
- Certificate Course on Qualitative Research Methods
- PhD
- Leadership in Public Health

## About Institution/School:


Prasanna School of Public Health (PSPH) plays an active and innovative role in capacity building of the public health force which is essential for the improvement of the health status of a nation by offering different Master's Program that trains students for leading positions in the fields of public health, hospital administration, social work and statistics. The school has established associations with a number of universities in India and abroad and built strong linkages among public, private and governmental institutions.

## Institutional Activities/Curricular Activities

### New Initiatives:

Sl. No.	Activity	Particulars	Date(s)
<b>Data Science</b>			
1	New Program – MSc Digital Epidemiology	The Department of Data Science offers a Master’s program in Digital Epidemiology in the year 2021. This program emphasizes practical techniques for working with large-scale epidemiological data. Specific topics covered will include data management, digital infrastructure, communication and monitoring with a focus on statistical modelling and machine learning, programming languages such as Python, Hadoop, and Spark along with real-world topics and case studies.	1 July 2021

### All other activities in the department relating to the program/course:

Sl. No.	Activity	Particulars	Date(s)
<b>Data Science</b>			
1	Interactive Career Enhancement Session	An Interactive Career Enhancement Session “MINERVA: Practical Wisdom for Career Paths in Decision Sciences” was conducted through Microsoft Teams. Mr Jagannath P S, General Manager (Retired), Biostatistics and Programming, GlaxoSmithKline Pharmaceuticals Ltd, Bengaluru was the resource person for this event. The intended participants for this e-workshop were faculty, staff and students of PSPH.	26 May 2021
2	Data Science Needs: An Industry Perspective	The Department of Data Science organized an interactive career enhancement session titled, "Data Science Needs: An Industry Perspective" on 17 July 2021 through Microsoft Teams. Dr Ashwini Mathur, Solution Lead and Head, Data Science and Artificial Intelligence Hub- Dublin, Novartis Ireland shared insights on industry expectations from future data scientists. Students were encouraged to make continuous learning a habit for a successful career as data scientists.	17 July 2021
			
3	E-workshop on "Data Engineering for Data Science"	As a part of Philips - MAHE collaboration, the Department of Data Science organized a five-day online workshop on "Data Engineering for	25 October 2021 to 29 October 2021



Sl. No.	Activity	Particulars	Date(s)
		Data Science" exclusively for second-year MSc Data Science students.	
4	E-workshop on "Tool Development and Survey Data Analysis using Jamovi" 	An e-workshop was organized on the topic, "Tool Development and Survey Data Analysis using Jamovi". The objective of this three-day e-workshop was to introduce statistical concepts associated with the design and analysis of questionnaires and survey data with hands-on activities using Jamovi which is a well-known graphical user interface software built on R (Programming Language). This e-workshop was organized for the benefit of faculty, students, scholars and staff with an interest in this discipline.	5 November 2021 to 7 November 2021
5	E-workshop 	Virtual Mode Workshop/Talk by GSK Team was given to students of third semester MSc (Biostatistics) and MSc (Data Science).	9 November 2021 to 12 November 2021
6	Invited Lecture on "Introduction to Paradata Analysis and its Application" 	Department of Data Science, PSPH, Manipal Academy of Higher Education (MAHE), Manipal organized an invited lecture on "Introduction to Paradata analysis and its application" on Monday, 13 December 2021 through Microsoft Teams. Dr Arpita Ghosh (Senior Research Fellow, Biostatistics and Data Science, The George Institute for Global Health, India) was the resource person for this event. Students, staff, faculty of PSPH and other constituent units of MAHE, Manipal participated in this event.	13 December 2021
7	International Workshop on Matrices and Statistics (IWMS) 	Centre for Advanced Research in Applied Mathematics and Statistics (CARAMS), MAHE, Manipal along with Department of Data Science, PSPH, MAHE, Manipal; Department of Mathematics, MIT, MAHE, Manipal; Department of Mathematics, SMIT, Sikkim had organized the twenty-eighth International Workshop on Matrices and Statistics (IWMS 2021) during December 2021. The Inaugural	13 December 2021

Sl. No.	Activity	Particulars	Date(s)
		Function was held on Monday, 13 December 2021 through Hybrid mode (NLH 303, Academic Block 3, MIT, MAHE, Manipal; Microsoft Teams). Professor Susmita Datta (University of Florida, USA); Professor Dr Helmut Brand (Director, PSPH, MAHE, Manipal) were the Chief Guests for the Inaugural Function of the International Workshop on Matrices and Statistics (IWMS-2021) held on 13 December 2021.	
8	Celebration of 134th Birthday of Legendary Indian Mathematician Srinivasa Ramanujan (National Mathematics Day)	On the occasion of National Mathematics Day-2021, the Centre for Advanced Research in Applied Mathematics and Statistics (CARAMS), MAHE, Manipal; Department of Mathematics, MIT, MAHE, Manipal; Department of Data Science, PSPH, MAHE, Manipal had organized the 134th Birthday Celebration of Legendary Indian Mathematician Srinivasa Ramanujan on 22 December 2021, in the premises of MIT, MAHE, Manipal (NLH 303, Academic Block 3, MIT, MAHE, Manipal). Professor TES Raghavan (University of Illinois, Chicago) was the Chief Guest on the occasion. Cdr (Dr) Anil Rana (Director, MIT, MAHE, Manipal) presided over the function.	22 December 2021
<b>Global Health</b>			
1	MSW Alumni Session	Ms Nidhi Ponnamma (MSW Alumni), and Mr Praveen (Psycho-Social Consultant, Assistant Professor, Department of Psychiatry, KMC, MAHE, Manipal) were the resource persons for the session.	14 January 2021
2	Awareness Program by Ms Deepa Jyothi	Ms Deepa Jyothi organized an awareness program on menstruation and hygiene for adolescent girls on 26 January 2021, while observing International Girl Child Day. Dr Lena Ashok (Coordinator, MSW Program, Department of Global Health; PhD Coordinator; PSPH, MAHE, Manipal) gave a talk during this program.	26 January 2021




Sl. No.	Activity	Particulars	Date(s)
3	Faculty Development Programme - EBSCO 	Faculty of Department of Global Health had attended a Faculty Development Program organized by MSW Program, Department of Global Health, PSPH, MAHE, Manipal on 8 February 2021 (through virtual mode). The Resource persons for the program were from EBSCO: Ms Bhuvaneshwari M - Business Development, Digital Marketing in Making, and Mr Kumar Venkatesha - Senior Sales and Marketing Professional.	8 February 2021
4	MSW Webinar Session - Orientation on Seva Mandhir – Udaipur 	MSW Program, Department of Global Health, PSPH, MAHE, Manipal had organized an orientation on Seva Mandhir – Udaipur, virtually through Microsoft Teams on 2 March 2021. Students, faculty, and staff of PSPH participated in the webinar.	2 March 2021
5	Webinar Session on "Role of Social Workers in Government Social Assistance Programs in Canada". 	MSW Program, Department of Global Health, PSPH, MAHE, Manipal had organized a webinar Session on "Role of Social Workers in Government Social Assistance Programs in Canada" to orient the students on career opportunities in developed countries. The speaker for the session was Mr Lazar Kakkassery, Mental Health Worker, Employment and Social Services, Halton Region, Ontario, Canada. He gave an overview of various welfare services offered to disadvantaged persons in Canada as a part of the Ontario Disability Support Program (ODSP), social work interventions in those services and opportunities available for Indian social workers in Canada.	6 March 2021
6	International Women's Day 	MSW Programme, Department of Global Health, PSPH, MAHE, Manipal had organized the following activities on the occasion of International Women's Day, based on the theme "Choose to Challenge": <ul style="list-style-type: none"> <li>• Challenge your gut (treasure hunt)</li> <li>• Challenge your artistry (poster making)</li> <li>• Challenge your prejudice (acting on stereotypes)</li> </ul>	8 March 2021

Sl. No.	Activity	Particulars	Date(s)
7	Session on Field Practice for MSW Program Students – Virtual Session. 	<ul style="list-style-type: none"> <li>Challenge your inner voice (open mic)</li> </ul> MSW Program, Department of Global Health, PSPH had organized a session on-field practice virtually through Microsoft Teams for the Students of MSW Program. Dr Ravindranath Shanbhag (President – Human Rights Protection Foundation [HRPF]) was the resource person for the session. The objective of this session was to include MSW students in the creation of social actions through media for endosulfan victims in Dakshina Kannada, Udupi.	7 May 2021
8	MSW Career Conclave Event – A Session on ‘Jobs and Higher Studies’ – Opportunities for Social Workers in Australia. 	MSW Program, Department of Global Health, PSPH had organized a Career Conclave Event titled, “A Session on ‘Jobs and Higher Studies’ – Opportunities for Social Workers in Australia”. Dr Kalpana Goel (Lecturer, Social Work, University of South Australia, Adelaide) was the resource person for this session.	27 May 2021
9	MSW Career Conclave Event – A Session on Path Towards Service – Opportunities in Hospitals and NGO. 	MSW Program, Department of Global Health, PSPH organized a Career Conclave Event titled, “A Session on Path Towards Service – Opportunities in Hospitals and NGO” on 28 May 2021 through Microsoft Teams. Mr Jacob D’Souza (Manager, e-learning, Dhvani Foundation, and Bangalore) was the resource person for the session.	28 May 2021
10	MSW Career Conclave Event – A Session on Start as a Fresher – Impactful CV and First Impression. 	MSW Program, Department of Global Health, PSPH organized a Career Conclave Event titled, “A Session on Start as a Fresher – Impactful CV and First Impression” on 29 May 2021 through Microsoft Teams. Mr Nitin Kumar (Senior HR Manager, CSG, and Bangalore) was the resource person for the session.	29 May 2021
11	MSW Alumni Interaction Session – Challenges of HR Professionals during Pandemic 	MSW Program, Department of Global Health, PSPH organized an Alumni Interaction session titled, “Challenges of HR Professionals during Pandemic” through Microsoft Teams on Monday, 7 June 2021. Mr Sam Thomas (Recruiting Analyst, Accenture, Bangalore; MSW Alumnus, 2011-2013 batch), and Mr	7 June 2021

Sl. No.	Activity	Particulars	Date(s)
12	'Retro Love' – Farewell Party for the MSW Students (2019-2021 batch) 	<p>Mahanthesh A H (Associate Manager, People Services, Bangalore; MSW Alumnus, 2011-2013 batch) were the resource persons for this event.</p> <p>MSW Program Faculty, students of first-year MSW Program, Department of Global Health, PSPH had organized, "Retro Love' - Farewell Party" for the second-year MSW Students (2019-2021 batch) of PSPH on 28 June 2021. The event comprised of singing, dancing, and the second-year MSW Students sharing their experiences throughout the program, etc.</p>	28 June 2021
13	Career Hack – 2021 – Placement Preparation Workshop Series 	<p>MSW Program, Department of Global Health, PSPH and Career Counselling Cell, PSPH in association with EdgeNext HR, Bangalore had organized the "Career Hack – 2021 – Placement Preparation Workshop Series" from 30 June to 3 July 2021 through Microsoft Teams for the MSW students of PSPH. The four-day workshop focussed on:</p> <ul style="list-style-type: none"> <li>• Preparing Impactful Resumes</li> <li>• Cracking Group Discussions</li> <li>• Practicing Mock Interviews</li> </ul> <p>The workshop also included several activities such as a presentation by professionals from the EdgeNext HR team including Ms Snigdhanjali Mohanty (Co-founder, EdgeNext HR), and Ms Parvathy R (Skill Development Specialist, EdgeNext HR). They prepared the students for facing job interviews and etiquette. The workshop included case studies with discussions among the students and personal interviews with students. Around 30 Students of the MSW Program, Department of Global Health, PSPH attended the workshop.</p>	30 June 2021 to 3 July 2021
14	"Framework for Understanding Psychosocial Issues – COVID Context"	<p>MSW Program, Department of Global Health, PSPH, MAHE, Manipal in association with PEARLSS 4 Development, Hyderabad had organized an Online Workshop Session on, "Framework for Understanding Psychosocial Issues – COVID Context" on 26 July 2021 as a part of the</p>	26 July 2021

Sl. No.	Activity	Particulars	Date(s)
		Online Workshop Series "Grief Counselling in the Context of COVID-19 Pandemic". Dr Anita Rego (Founder Director, PEARLSS 4 Development) was the resource person for this event. Dr Rayan Mathias (Counsellor, MAHE, Manipal) was the Master of Ceremony for the session.	
15	Field Work Practicum during the Covid Pandemic – Effective ways to meet the Challenge 	Department of Social Work, Smt Rukmini Shedthi Memorial National Government First Grade College and PG Study Centre, Barkur, Udupi and MSW Program, Department of Global Health, PSPH, MAHE, Manipal had jointly organized a Webinar titled, "Field Work Practicum during the Covid Pandemic – Effective ways to meet the Challenges" on 28 July 2021 through Microsoft Teams. Ms Ida D'Souza (Faculty, MSW Program, Department of Global Health, PSPH) was a part of the Organizing Committee. Dr Chandramouli (Chairperson, Department of Studies in Social Work, Mysuru), Dr Nandeesh Y D (Chairperson, Department of Social Work, GFGC, Uppinangadi), and Dr Suresh Chitrapu (Deputy Director BCC, Karnataka Health Promotion Trust) were the resource persons for the Webinar. Dr Sridevi K (Assistant Professor, Department of Social Work, SRSMNGFGC Barkur) was the Moderator for the Webinar. Dr Chandramouli (Chairperson, Department of Studies in Social Work, Mysuru) gave a talk on "Field Work Practicum for the MSW Program", and Dr Nandeesh Y D (Chairperson, Department of Social Work, GFGC, Uppinangadi) delivered a talk on "Field Work Practicum for the BSW Program", Dr Suresh Chitrapu (Deputy Director BCC, Karnataka Health Promotion Trust) gave a talk on "Mentoring of Students" in the Webinar.	28 July 2021
16	Transitioning towards a Changed Context	MSW Program, Department of Global Health, PSPH, MAHE, Manipal in association with PEARLSS 4	28 July 2021

Sl. No.	Activity	Particulars	Date(s)
		Development, Hyderabad had organized an online workshop session on "Transitioning towards a Changed Context" on 28 July 2021 as a part of the Online Workshop Series "Grief Counselling in the Context of COVID-19 Pandemic". Ms Sowmya Srikumar (Freelance Special Educator and Counsellor) was the resource person for this event. Dr Rayan Mathias (Counsellor, MAHE, Manipal) was the Master of Ceremony for the session.	
17	Emotional Regulation and Working through Grief and Loss 	MSW Program, Department of Global Health, PSPH, MAHE, Manipal in association with PEARLSS 4 Development, Hyderabad had organized an online workshop session on "Emotional Regulation and Working through Grief and Loss" on 29 July 2021 as a part of the Online Workshop Series "Grief Counselling in the Context of COVID-19 Pandemic". Ms Gayathri KR (Sr PSW, Muskaan - Child and Adolescent Guide and Centre, Tata Institute of Social Sciences, Mumbai) was the resource person for this event. Dr Rayan Mathias (Counsellor, MAHE, Manipal) was the Master of Ceremony for the Session.	29 July 2021
18	Meaning Making and Moving On 	MSW Program, Department of Global Health, PSPH, MAHE, Manipal in association with PEARLSS 4 Development, Hyderabad had organized an online workshop session on "Meaning Making and Moving On" on 31 July 2021 as a part of the Online Workshop Series "Grief Counselling in the Context of COVID-19 Pandemic". Dr Srilatha Juvva (Professor, School of Social Work, Tata Institute of Social Sciences, Mumbai) was the resource person for this event. Dr Rayan Mathias (Counsellor, MAHE, Manipal) was the Master of Ceremony for the session.	31 July 2021
19	MSW Program Orientation (2021-2023 batch)	Dr Helmut Brand (Director, PSPH), Dr Asha Kamath (Associate Director; Research Coordinator; HOD, Department of Data Science; PSPH), Dr	2 August 2021

Sl. No.	Activity	Particulars	Date(s)
		<p>Lena Ashok (PhD Coordinator; Coordinator, MSW Program, Department of Global Health; PSPH), Mr Teddy Andrews (Faculty, MSW Program, Department of Global Health; Student Affairs Coordinator; PSPH), Mr Alric D'Souza (Faculty, MSW Program, Department of Global Health; International Relations Coordinator; PSPH), Ms Ida D'Souza (Faculty, MSW Program, Department of Global Health, PSPH), Dr Ravichandran Nair (Faculty, MSW Program, Department of Global Health, PSPH), PhD scholars, staff, students of PSPH were present during the MSW Program Orientation. Ms Ida D'Souza (Faculty, MSW Program, Department of Global Health, PSPH) was the overall in-charge of the MSW program orientation. MSW Faculty and the program coordinator shared information among the students regarding the MSW program at PSPH, MAHE, Manipal, and about the infrastructure, facilities, and services available at Manipal.</p>	
20	Consultation Meet	<p>A Consultation Meet was organized for the associations and members working in the area of District Children's Protection in the premises of the office of the District Superintendent of Police, Mangalore, Dakshina Kannada district on 11 August 2021. J J (Juvenile Justice) board members, Children's Welfare Committee members, and members of other related associations participated in the Consultation Meet. Ms Ida D'Souza (Faculty, MSW Program, Department of Global Health, PSPH) was one of the panel members at the Consultation Meet.</p>	11 August 2021
21	Bloom – Teachers Day Celebration	<p>Students, Faculty of MSW Program, Department of Global Health, PSPH had organized "Bloom" – Teachers Day Celebration on Monday, 6 September 2021 through Microsoft Teams.</p>	6 September 2021
22	Guest Lecture on Group Work Process on De-addiction	<p>MSW Program, Department of Global Health, PSPH had organized a Guest Lecture on, "Group Work Process on</p>	12 October 2021






Sl. No.	Activity	Particulars	Date(s)
		De-addiction" in the premises (classroom) of PSPH on Tuesday, 12 October 2021. Dr Sapna Ganesh (Counsellor, Dr A V Baliga Memorial Hospital, Udupi) was the resource person for this event.	
23	Awareness Program on Legal Aid – Disabled Population	District Legal Services Authority Udupi; District Panchayath Udupi; Health Department, Udupi District; MSW Program, Department of Global Health, PSPH; Welfare of Disabled and Senior Citizen Department, Udupi District; Women and Children Affairs Department, Udupi District had organized an Awareness Program on Legal Aid – Disabled Population on Tuesday, 9 November 2021 at Taluk Panchayath Office, Kundapura. Ms Ida D'Souza (Faculty, MSW Program, Department of Global Health, PSPH), and Mr Tilottama Nayak (Vice President, District Education Resource Centre, Udupi) were the resource persons at the program. The topic discussed was Providing Legal Aid for Endosulfan Victims and Mapping Medical Services for them. The program was inaugurated by Mr Ravindra M Joshi (Additional District Court Judge, Udupi District).	9 November 2021
24	World Antimicrobial Awareness Week	On the occasion of World Antimicrobial Awareness Week 2021, the Department of Infectious Diseases, KMC, Manipal; Manipal Centre for Infectious Diseases, PSPH, Manipal; Department of Emergency Medicine, KMC, Manipal had organized a quiz competition. The Virtual Preliminary round was held on 7 November 2021. The Virtual Grand Finale was held on 24 November 2021. On the occasion of World Antimicrobial Awareness Week 2021 (Spread Awareness, Stop Resistance), Department of Infectious Diseases, Kasturba Medical College, Manipal and Hospital, MAHE, Manipal, India; Manipal Centre for Infectious Diseases, PSPH, MAHE, Manipal, India; Division of Infectious Diseases, Wayne	18 November 2021 to 24 November 2021
			

Sl. No.	Activity	Particulars	Date(s)
		State University, Michigan, Detroit, USA; Department of Microbiology and Medicine, KMC, Mangalore; Department of Pharmacy Practice, Manipal College of Pharmaceutical Sciences, MAHE, Manipal, India; Department of Emergency Medicine, KMC, Manipal and Hospital, MAHE, Manipal, India had organized an 'International Conference on Combating Antimicrobial Resistance' from 18 to 24 November 2021 in Hybrid Mode (on-campus - premises of MAHE, Manipal and virtually through Zoom). The event witnessed esteemed speakers from all over the World. Dr Kavitha Saravu (Coordinator, Manipal Centre for Infectious Diseases, PSPH, MAHE, Manipal) was the Organizing Chair.	
25	MSW Session on "Prospects of HRM and MPSW Specializations"	MSW Program, Department of Global Health, PSPH, MAHE, Manipal had organized a session on, "Prospects of HRM (Human Resource Management) and MPSW (Medical and Psychiatric Social Work) Specializations" through Microsoft Teams on Wednesday, 8 December 2021. Mr Sunny K John (Deputy HOD, Quality and Faculty Development Initiative, Manipal Global Academy of BFSI [Banking, Financial Services and Insurance]) was the resource person for the event. The Resource Person had attended the event virtually through Microsoft Teams. Students, Faculty of MSW Program, Department of Global Health, PSPH had attended the event in LH-1 Classroom of Prasanna School of Public Health.	8 December 2021
<b>Health Information</b>			
1	Policy Brief Write Shop	EQUIMOB organized a Policy Brief Write Shop, conducted by Ms Romy Sandpoort, that involved around 30 participants from Utrecht University, MAHE, Delhi School of Economics, Institute of Social and Economic Change (ISEC) from India.	15 January 2021

Sl. No.	Activity	Particulars	Date(s)
2	EQUIMOB Stakeholders Engagement Event	EQUIMOB Stakeholders Engagement Event: Mobility of the Senior Citizens and Transport Policy in the Post-Pandemic.	3 February 2021
3	Indigenizing systematic review evidence for policy decisions in India'	Public Health Evidence South Asia (PHESA) and Manipal College of Nursing, MAHE, Manipal, in collaboration with EPPI-Centre, UCL Social Research Institute, University College London, UK, organized a webinar titled, "Indigenizing systematic review evidence for policy decisions in India". This webinar was organized on 5 March 2021, under the Scheme for Promotion of Academic and Research Collaboration (SPARC) grant received by the above-mentioned institutions, for a capacity building project on 'Indigenising Evidence Synthesis and Systematic Reviews for International Development and Global Challenges'.	5 March 2021
4	Workshop on 'Introduction to Systematic Reviews	Public Health Evidence South Asia (PHESA ) conducted a three-day online workshop on "Introduction to Systematic Reviews". The workshop aimed at sensitizing participants on systematic review methodology.	15 March 2021 to 17 March 2021
5	Introduction to systematic review and meta-analysis	Online workshop was conducted titled, "Introduction to systematic review and meta-analysis" at Charotar University of Science and Technology – CHARUSAT, Gujarat. The workshop aimed at sensitizing participants on systematic review methodology. The interactive sessions of the workshop were held from 22 to 26 March 2021.	22 March 2021 to 26 March 2021
6	Workshop on ageing and equitable access to urban transport infrastructures	A similar stakeholder consultation workshop on ageing and equitable access to urban transport infrastructures was held on 25 August 2021.	25 August 2021
7	Research methods workshop	On 16 September 2021, EQUIMOB and Meaningful Mobility research projects co-organised and conducted a research methods workshop titled, "Behind the Scenes: Discussions around Research Methods" in association with the Manipal Academy of Higher Education (MAHE). With 40 participants	16 September 2021




Sl. No.	Activity	Particulars	Date(s)
		from different geographies, the workshop introduced different spatial, visual, and remote research methods. The speakers (from MAHE and the research projects) focused on how they used specific methods, associated challenges and opportunities, and how different methods could be used in varied contexts. They provided examples from their researches in different geographies and with different research participants (such as older adults, adolescents) to discuss on-ground issues and learnings with the participants.	
8	Certificate Course in Evidence Synthesis: Systematic Review and Meta-analysis 	Public Health Evidence South Asia (PHESA) has successfully completed the fourth Certificate Course in Evidence Synthesis: Systematic Review and Meta-analysis. The certificate course carrying four credit points was conducted online from 20 to 25 September 2021, due to the current pandemic situation. The course aimed at sensitizing participants on systematic review methodology and provided step by-step guidance on how to perform systematic reviews and meta-analysis. The certificate course in 2021 included training and sensitization on evidence-based policymaking, rapid evidence synthesis and systematic review of evidence in the context of South Asia, with a focus on India. Around 52 participants representing various disciplines completed the course and were trained on systematic review methodology and the essentials of evidence-based policy.	20 September 2021 to 25 September 2021
9	Stakeholder consultation workshop on women and transport inequalities	On 23 August 2021, a consultation workshop with experienced stakeholders was held to contribute to the co-creation of an evaluative framework for inclusive urban mobility in India and Bangladesh.	23 September 2021
10	Cochrane India Network inauguration	Along with eight other eminent institutions of India, Manipal Academy of Higher Education (MAHE), Manipal, has been selected as the Cochrane Affiliate Centre under the newly formed	26 October 2021

Sl. No.	Activity	Particulars	Date(s)
		<p>Cochrane India Network. The Director of this affiliate centre is Professor Dr H Vinod Bhat, Executive Vice President, MAHE, Manipal. The centre is currently placed at PSPH, MAHE, and the activities of the centre are coordinated by Public Health Evidence South Asia (PHESA), PSPH, MAHE. The Cochrane India Network was inaugurated on 26 October 2021 in a three-hour online event. The Chief Guest for the event was Dr Vinod Paul, member, NITI Aayog and the keynote address was delivered by Dr Balram Bhargav, Secretary, DHR and DG ICMR, Dr Soumya Swaminathan, Chief Scientist, the WHO and Karla Soares-Weiser, Editor-in-Chief, Cochrane Library. Plenary sessions were handled by Dr Dheeraj Shah, Director- Professor, Department of Paediatrics, University College of Medical Sciences and GTB Hospital, Delhi, Dr N Sreekumaran Nair, Professor and Head, Department of Biostatistics (Biometrics), JIPMER, Puducherry and Dr Joseph L Mathew, Professor, Paediatric Pulmonology, Advanced Paediatrics Centre, Postgraduate Institute of Medical Education and Research (PGIMER), Chandigarh, India.</p>	
11	<p>EQUIMOB-PUTSPACE online workshop</p> 	<p>EQUIMOB-PUTSPACE online workshop was conducted on “Methods for mobilities research” on 6 December 2021.</p>	6 December 2021
12	<p>Panel discussion convened by INTAL InC</p>	<p>Professor Ajay, the principal investigator of the EQUIMOB project, participated in a panel discussion convened by INTALInC on 9 December 2021.</p>	9 December 2021
13	<p>Lecture Series</p> 	<p>Mr Selim Jahangir, our postdoctoral researcher, gave a lecture as a part of the Geographies of Health in Global South module at the Department of Human Geography and Planning, Utrecht University on 14 December 2021.</p>	14 December 2021 to 14 December 2022

Sl. No.	Activity	Particulars	Date(s)
<b>Health Innovation</b>			
1	Invited talk on 'Role of Technology Business Incubators in Promoting Entrepreneurship'	The Research Cell, Innovation Cell, and the Scientific Committee of PSPH, MAHE, Manipal had Organized a Research Cell Meeting on Saturday, 23 January 2021, through Microsoft Teams. Dr Shrihari Y Upadhyaya (CEO, Manipal Universal Technology Business Incubator) was the resource person for the meeting. He gave an invited talk on 'Role of Technology Business Incubators in Promoting Entrepreneurship'. Ms Viola Savy Dsouza (PhD Scholar, PSPH) made a presentation on 'Application of Machine Learning Methods in Predicting Adverse Drug Reaction in Hospitalised Patients: Systematic Review Protocol'.	22 January 2021
2	MHA Alumni Webinar	MHA Program, Department of Health Innovation, PSPH, MAHE, Manipal had organized an Alumni Webinar based on the topic "Experiences of Managing COVID-19 and Vaccination Drive". Dr Apoorva Sharma (Chief Operating Officer, The Hope Hospital, Ranchi; Alumna, MHA Program, PSPH [2014-2016 batch]) was the resource person for the webinar.	13 February 2021
3	Research Cell Meeting	The Research Cell, Innovation Cell, and the Scientific Committee of PSPH, MAHE, Manipal had organized a Research Cell Meeting on Saturday, 27 February 2021 through Microsoft Teams. Dr Arun Shanbhag (Chief Innovation Officer, Innovation Centre, MAHE, Manipal) was the resource person. He gave a talk on "Innovation in India: Facilities and Opportunities at Innovation Centre, MAHE". Mr Priyobrat Rajkhowa (PhD Scholar, PSPH, MAHE, Manipal) made a presentation on "Health of Tribal Populations in India"	27 February 2021
4	World Kidney Day – Education Sessions on Kidney Disease	Department of Nephrology, Department of Paediatrics and Education Sessions on Kidney Disease on Thursday, 11 March 2021 to observe World Kidney Day – 2021	11 March 2021





Sl. No.	Activity	Particulars	Date(s)
		based on the theme "Living Well with Kidney Disease". Sessions were as detailed below: "Overview on Chronic Kidney Disease and Renal Replacement Therapy" by Dr Ravindra Prabhu A (Professor and Unit Head, Department of Nephrology, KMC, Manipal); "Preventive Aspects in Diabetic Kidney Disease" by Dr Shankar Prasad N (Professor and Head, Department of Nephrology, KMC, Manipal); "Nutrition for Chronic Kidney Disease and Dialysis Patients" by Dr Manjunath Kulkarni (Professor and Head, Department of Nephrology, Father Mullers Medical College, Mangalore); "Caring of a Child with Kidney Disease – the role of the family" by Dr Dharshan Rangaswamy (Associate Professor, Department of Nephrology, KMC, Manipal); "Supporting the care needs of the patients and their families with chronic kidney disease" by Dr Naveen S Salins (Professor and Head, Department of Palliative Medicine and Supportive Care, KMC, Manipal).	
5	Invited talk on "Journey in Policy Advocacy"	The Research Cell, Innovation Cell and the Scientific Committee of PSPH had organized an invited talk on "Journey in Policy Advocacy" through Microsoft Teams The resource person for the meeting was Dr Muralidhar M Kulkarni (Associate Professor, Department of Community Medicine, KMC, Manipal).	27 March 2021
6	PSPH Research Cell Meeting	The Research Cell, Innovation Cell and the Scientific Committee of PSPH had organized an invited talk on "Diabetic Foot Syndrome – Public Health Perspectives" through Microsoft Teams on Saturday, 24 April 2021. The resource person for the meeting was Dr G Arun Maiya (Dean, Manipal College of Health Professions, Manipal).	24 April 2021
7	Phronesis - An Online Enrichment Program for Health and Hospital Stakeholders	MHA Program, Department of Health Innovation, PSPH had Organized 'Phronesis - An Online Enrichment Program for Health and Hospital Stakeholders' on 15 May and 16 May 2021 through Microsoft Teams.	15 May 2021 to 16 May 2021

Sl. No.	Activity	Particulars	Date(s)
3	 GOOD HEALTH AND WELL-BEING	<p>'Phronesis' is a Greek term that means 'practical wisdom' derived from learning and evidence of practical things. Phronesis leads to breakthrough thinking and creativity, enabling the individual to discern and make sound judgements about the right thing to do in a situation. Through this event, we aspired to achieve practical wisdom from speakers with enormous industry experience. Dr Biswajeevan Sahoo (Resident Administrator, Department of Hospital Administration, All India Institute of Medical Sciences, Bhubaneswar; MHA, PSPH Alumnus, 2013-2015) delivered a talk on "Being Industry Ready - What is expected from an MHA graduate by the hospitals?" on 15 May 2021. Ms Nikhita Sharma (Assistant Manager, Corporate Operations, Medicovert Hospitals, and Hyderabad) gave a talk on "Challenges in Management during the Pandemic" on 15 May 2021. Dr Nikita Alexander (Associate Clinical Manager, Align Technology, Gurugram) spoke about "MHA Graduates Opportunities Outside Hospitals" on 15 May 2021. Dr Umashankar Raju D (Group Head, Quality and Special Initiative, M S Ramaiah Memorial Hospitals, Bengaluru) gave a talk on "Implementation of Quality Protocols and Challenges faced by Young Administrator in Quality" on 16 May 2021. Dr Nishanth R T (State Consultant Quality Assurance [SCQA], Government of Karnataka, Bengaluru, MHA, PSPH Alumnus, 2012-2014) delivered a talk on 'Post Covid Opportunities in the Government Sector' on 16 May 2021. Dr Mohammad Faraz Numan (Senior Business Development Manager, Turtle Shell Technologies, Bengaluru; MHA, PSPH Alumnus, 2015-2017) spoke about "The Impact of COVID-19 on the Job Market and ways to deal with it" on 16 May 2021.</p>	




Sl. No.	Activity	Particulars	Date(s)
8	Egeria – An Interview Strategy Workshop	MHA Program, Department of Health Innovation, PSPH had organized a workshop titled, “Egeria – An Interview Strategy” on 22 May 2021, through Microsoft Teams. In mythology, Egeria is remembered for her role as a counsel and advisor to Numa Pompilius, the second king of Rome. Through this event comprising of the CV Writing Workshop and Mock Interviews, PSPH students looked up to the expert panel as inspirational mentors who would help them shape their careers. Mr Anil D’Souza (Head, Human Resources, Sikkim Manipal University) was the resource person for the seminar on CV building skills and Interviews. He conducted Mock Interviews for students. In the afternoon session, one-on-one mock interviews were conducted for the students by esteemed panellists with enormous experience in the field of Human Resources. Dr Sanjay Deshpande (Assistant Professor, KLS Institution of Management, Education and Research, Belgaum), Mr Anuj Vijn (Head, Human Resources, Max Hospitals, Shalimar Bagh, New Delhi), Mr Koshy Ancheril (Head, Human Resources, Apollo Adlux Hospital, Ernakulam, Kerala), and Mr Kiran Manjunath (Head, Human Resources, Aster Hospitals and Clinics, Qatar) were the esteemed panellists.	22 May 2021
9	Webinar – Basics of a Hospital Setup	MHA Program, Department of Health Innovation, PSPH organized a webinar titled, “Basics of a Hospital Setup” on Saturday, 5 June 2021 through Microsoft Teams. Mr Koshy Ancheril, Head (Human Resources), Apollo Adlux Hospital, Kerala, was the resource person for this event.	5 June 2021
			
10	MHA Program Orientation	MHA Program, Department of Health Innovation, PSPH had organized the Orientation Program for the MHA Program Students (2021-2023 batch) on 15 July 2021, through Microsoft Teams. Dr Somu G (Coordinator, MHA Program, Department of Health	15 July 2021

Sl. No.	Activity	Particulars	Date(s)
11	Green Belt - Lean Six Sigma Training and Certification 	Innovation, PSPH), Dr Rajesh Kamath (Faculty, MHA Program, Department of Health Innovation; Sports Coordinator; PSPH), Dr Usha Rani (Faculty, MHA Program, Department of Health Innovation; Cultural Coordinator; PSPH), Ms Brayal D'Souza (Faculty, MHA Program, Department of Health Innovation; Placement Coordinator; PSPH) addressed the students during the program and briefed them about the MHA Program, about PSPH, about MAHE, the facilities and opportunities available to them at Manipal. MHA Program, Department of Health Innovation, PSPH, MAHE, Manipal in association with Anexas Consultancy Services Pvt Ltd, Bengaluru had Organized "Green Belt - Lean Six Sigma Training and Certification" through Microsoft Teams from 19 to 22 July 2021. Content related to Lean Six Sigma – White Belt, Yellow Belt, Green Belt was delivered during the Sessions. 40 people participated in the Certification Course. This Certification Course was only for MAHE faculty, staff, students, and MAHE Alumni. Mr Amitabh Saxena (CEO, Anexas Consultancy Services Pvt Ltd, Bengaluru) was the resource person for the Certification Course.	19 July 2021 to 22 July 2021
12	Grief, Psychosocial Theories and Assessment 	MSW Program, Department of Global Health, PSPH, MAHE, Manipal in association with PEARLSS 4 Development, Hyderabad had organized an Online Workshop Session on "Grief, Psychosocial Theories and Assessment" on 27 July 2021 as a part of the Online Workshop Series "Grief Counselling in the Context of COVID-19 Pandemic". Ms Chandra Ramamurthy (Grief Counsellor, Trainer/Consultant) was the resource person for this event. Dr Rayan Mathias (Counsellor, MAHE, Manipal) was the MC for the session.	27 July 2021
13	Black Belt - Lean Six Sigma Training and Certification	MHA Program, Department of Health Innovation, PSPH, MAHE, Manipal in	3 August 2021 to 6 August 2021

Sl. No.	Activity	Particulars	Date(s)
		association with Anexas Consultancy Services Pvt Ltd, Bengaluru had organized "Black Belt - Lean Six Sigma Training and Certification" through Microsoft Teams from 3 to 6 August 2021. 37 people participated in the Certification Course. Mr Amitabh Saxena (CEO, Anexas Consultancy Services Pvt Ltd, Bengaluru) was the resource person for the Certification Course. This Certification Course was only for MAHE faculty, staff, students, and MAHE alumni.	
14	Digital Media in Learning 	Department of Hospital Administration, Father Muller College of Allied Health Sciences in association with the Academy of Hospital Administration (Mangalore – Manipal Chapter) had organized a webinar on 'Digital Media in Learning' on 9 September 2021 through Microsoft Teams. Dr Maitreyee (Associate Professor and Technical Manager, Member of MEU, Department of Biochemistry, FMMC) was the resource person for this event. Dr Usha Rani (Faculty, MHA Program, Department of Health Innovation, PSPH and the Secretary to Academy of Hospital Administration, Mangalore – Manipal Chapter) was a part of the organizing team for this event.	9 September 2021
15	Breast Cancer Awareness Month Activity	MHA Program students of PSPH, MAHE, Manipal participated in the activities conducted on the premises of Kasturba Hospital (KH), MAHE, Manipal on Monday, 18 October 2021 as a part of the Breast Cancer Awareness Month. About 17 students from the MHA Program (both first-year, and second-year students) were involved in creating awareness about the early detection of breast cancer among 3,000 people who were present in KH.	18 October 2021
16	Webinar on "Managing Stress Through Meditation" 	MHA Program, Department of Health Innovation, PSPH in association with Academy of Hospital Administration, Mangalore – Manipal Chapter, and Darshan Education Foundation, New Delhi had organized a webinar titled,	23 November 2021

Sl. No.	Activity	Particulars	Date(s)
17	Faculty Development Program on “Positivity and Well-being at Workplace through Meditation” 	PSPH in association with Darshan Education Foundation, New Delhi had organized a Faculty Development Program on “Positivity and Well-being at Workplace through Meditation” on Tuesday, 21 December 2021 through the online platform Zoom. Ms Simi Kamlesh Sharma (Founder Director, Avalon Heights International School, Navi Mumbai) was the resource person for this event. Dr Usha Rani (Faculty, MHA Program, Department of Health Innovation, PSPH) welcomed the gathering, and moderated the session. Dr Sanjay Pattanshetty (Academic Coordinator; Coordinator, Centre for Health Systems; Program Coordinator, Leadership in Public Health; Faculty, Department of Health Policy; PSPH) delivered the vote of thanks.	21 December 2021
<b>Health Policy</b>			
1	GHMM webinar session 	As part of the GHMM (Global Health and Humanitarian Medicine) Course South Asia 2020-2021, a webinar session was held on 7 January 2021. Dr Prashanth Bhat (COVID-19 Nodal Officer, Udupi) was the resource person for the webinar session.	7 January 2021
2	Webinar on “Economic Aspects of Antimicrobial Resistance” 	The PREVENT IT (a three-year project (2019-2021) co-funded by the Erasmus+ Programme of the European Union) team with the help of Associate Researchers had organized a webinar on “Economic Aspects of Antimicrobial Resistance”. The concept of Infection Prevention and Control is not ancient but has gained a lot of momentum during the time of COVID-19. On one hand, healthcare professionals are putting tremendous efforts to combat the situation; but the parallel non-prudent usage of antibiotics makes the situation worrisome. A new dimension to this topic was brought by Dr Romans Putans from RIGA who talked	25 January 2021

Sl. No.	Activity	Particulars	Date(s)
3	Webinar – PREVENT IT	<p>about how economically countries can suffer due to Antimicrobial Resistance. Dr Romans Putans (resource person for the event) is the Head of Study Program, International Business and Sustainable Economy, Head of the Department, Department of International Business and Economics Academic Staff, Department of International Business and Economics, Riga Stradiņš University, Latvia.</p> <p>The PREVENT IT (a three-year project co-funded by the Erasmus+ Programme of the European Union) had organized a talk on "Superbug and Me: A Journey". Mr Himanshu Patel (Patient Advocate at Survivors Against Tuberculosis [SATB]) had shared the story of his personal battle against drug-resistant Tuberculosis in this online event</p>	23 February 2021
4	<p>MPH Webinar - Double Burden of Under and Over Nutrition-Transitions at the Population level</p> 	<p>MPH Program, Department of Health Policy, PSPH, MAHE, Manipal had organized a webinar titled, "Double Burden of Under and Over Nutrition-Transitions at the Population-level" for the MPH students of PSPH.</p> <p>Professor Amudha Poobalan (Program Lead – Master of Public Health [MPH on-campus], University of Aberdeen, Scotland) was the resource person for the webinar.</p>	05 March 2021
5	PREVENT IT webinar - My journey as an ABR survivor: Lessons learned	<p>The PREVENT IT (a three-year project co-funded by the Erasmus+ Programme of the European Union) had organized a talk on "My journey as an ABR survivor: Lessons learned". Ms Vanessa Carter shared her journey of survival in the battle against drug-resistant infection. She is an e-Patient Scholar at Stanford University Medicine X as well as an antibiotic-resistance and one health activist. She established Healthcare Communications and Social Media, South Africa in the year 2013. She also had a chance to work in the Antibiotic Guardian Pledge Campaign in South Africa which was later adopted by the National Department of Health.</p>	19 March 2021
6	PREVENT IT Webinar – Diagnosis of Drug-Resistant Microbe for Better Health Outcomes	<p>The PREVENT IT is a three-year project co-funded by the Erasmus+ Programme of the European Union. MAHE is one of the partner institutions for this project. In the April 2021 edition of the PREVENT IT Webinar series, Dr Suman Kapur (Senior Professor, Department</p>	17 April 2021

Sl. No.	Activity	Particulars	Date(s)
7	Global Health Symposium 	of Biological Sciences, BITS-Pilani, Hyderabad) shared her insights on "Diagnosis of Drug-resistant Microbe for Better Health Outcomes." MPH Program, Department of Health Policy, PSPH, MAHE, Manipal had organized Global Health Symposium – 2021 in association with Maastricht University, Netherlands; McMaster University, Canada; Universidad del Rosario, Colombia; Ahfad University for Women, Sudan; Thammasat University, Thailand virtually through CANVAS (platform) from 19 to 30 April 2021. Students and faculty from these institutes participated in the Virtual Symposium and made it a grand success. Several activities were held during the Symposium, which included Speaker Series (guest talks), Cook with us, Bhangra Class, Guided Yoga Session, Global Health Docu –Series (watching films, documentaries followed by discussions), and Cultural Showcase.	19 April 2021
8	Health Literacy and Promoting Wellbeing – Brainstorming Session	Manipal Health Literacy Unit, PSPH; Student Affairs Unit, PSPH had organized a Brainstorming Session regarding "Health Literacy and Promoting Wellbeing" virtually through Microsoft Teams on 5 May 2021. The objectives of the session were twofold: one, to plan activities to promote health literacy among the public concerning the pandemic and its implications, and second, to initiate support group sessions to promote the well-being of the PSPH student community.	5 May 2021
9	PREVENT IT webinar – Pause and Rewind – Simple Techniques to Build a MOOC.	Mr Brian Mulligan (Head of Online Learning Innovation, Centre for Online Learning, Institute of Technology Sligo, Ireland), an expert in offering cost-effective high-quality online learning content, shared his expertise on "Pause and Rewind: Simple techniques to build a MOOC".	19 May 2021
10	MPH Career Conclave (LA JONCTORE – The Career Conclave Series).	MPH Program, Department of Health Policy, PSPH organized the MPH Career Conclave event (LA JONCTORE – The Career Conclave Series) from 26 to 29 May 2021 through Microsoft Teams. Ms Alison Isherwood (Senior Director, Decision Resources Group), Mr Nishant Kumar (Director, Decision Resources Group), Ms	26 May 2021 to 29 May 2021

Sl. No.	Activity	Particulars	Date(s)
		Swarali Tadwalkar (Principal Epidemiologist, Decision Resources Group), Mr Narendra Parihar (Principal Epidemiologist, Decision Resources Group) were the resource persons for the Orientation Session on Job Opportunities for Public Health professionals in Decision Resources Group held on May 26, 2021. Dr Rajib Dasgupta (Professor, Jawaharlal Nehru University, Delhi), and Dr Nivedhitha Parthasarathy (an alumna of PSPH) were the resource persons for the Orientation Session on "PhD Opportunities for Public Health Professionals in India and abroad" held on 27 May 2021. Dr Tarja Kinnunen (University Lecturer, Faculty of Social Sciences, Tampere University, Finland) was the resource person for the Orientation Session on "PhD Opportunities for Public Health Professionals in Finland" held on 28 May 2021. Dr Shailesh Wagle (Manager, United Way India, an alumnus of PSPH), and Mr Sandeepa Prabhu (Program Officer, Jhpiego, an alumnus of PSPH) were the resource persons for the Orientation Session on "Job Opportunities for Public Health Professionals in India" held on 29 May 2021.	
11	PREVENT IT webinar – Surveillance of Antimicrobial Resistance (AMR) in India	Dr Vikas Aggarwal (Regional coordinator- South Asia, Fleming Fund Management Agent) shared his insights on "Surveillance of Antimicrobial Resistance (AMR) in India" in the PREVENT IT webinar.	31 July 2021
12	PREVENT IT webinar - AMR and Strategies to Tackle the Problem	The PREVENT IT is a three-year project co-funded by the Erasmus+ Programme of the European Union. MAHE is one of the partner institutions for this project. Dr Sujith J Chandy (Professor, Department of Pharmacology and Clinical Pharmacology, Christian Medical College, Vellore) shared his insights on "AMR and Strategies to Tackle the Problem" in the PREVENT IT webinar held on 3 August 2021, on the PREVENT IT youtube channel: <a href="https://youtube.com/preventit/live">https://youtube.com/preventit/live</a> .	3 August 2021
13	Fish, Fish Oil and Human Health: Nutrition Approaches to Identify Efficacy and Responsiveness	MPH Program, Department of Health Policy, PSPH organized a Guest Lecture on "Fish, Fish Oil and Human Health: Nutrition Approaches to Identify Efficacy and Responsiveness" on Friday, 3 September	3 September 2021


Sl. No.	Activity	Particulars	Date(s)
		2021 through Microsoft Teams. Professor Baukje de Roos (Deputy Director, The Rowett Institute, School of Medicine, Medical Sciences and Nutrition, University of Aberdeen, Scotland) was the resource person for this event. Professor Amudha Poobalan (Program Lead – Master of Public Health [MPH on-campus], University of Aberdeen, Scotland); Program Coordinator, Faculty and students of MPH Program, Department of Health Policy, PSPH participated in this event.	
14	Leadership in Public Health Program (second Batch) Inauguration	The inauguration of the second batch of the Leadership in Public Health Program was held through Microsoft Teams on Monday, 6 September 2021.	6 September 2021
15	Cervical Cancer Screening Awareness Program 	Dr Arathi Rao (Coordinator, MPH Program, Department of Health Policy; Coordinator, Manipal Health Literacy Unit; PSPH) conducted the Cervical Cancer Screening Awareness Program among the rural women of Manipal in collaboration with Urban Primary Health Centre (UPHC), Manipal on Thursday, 16 September 2021, on the occasion of Cancer Awareness month, September 2021.	16 September 2021
16	Applying Artificial Intelligence/Machine Learning to Digital Health Devices 	The Centre for Regulatory Science, PSPH organized a “Regulatory Science” webinar on “Applying Artificial Intelligence/Machine Learning to Digital Health Devices” on Thursday, 23 September 2021 through Microsoft Teams. The webinar focussed on using machine learning algorithms and artificial intelligence in digital health devices with a focus on the opportunities, challenges, regulatory considerations, and frameworks in different regions of the world. Dr Nate Carrington (Head of Digital Health and Innovation, Global Regulatory Policy and Intelligence, Roche Diagnostics) was the resource person for this event. Dr Lada Leyens (Dr TMA Pai Endowment Chair; Coordinator, Centre for Regulatory Science; PSPH) hosted the event.	23 September 2021
17	MPH Alumni Session	MPH Program, Department of Health Policy, PSPH organized an Alumni session on ‘Nutritional Assessment’ conducted through Microsoft teams on Saturday, 25 September 2021. Dr Nilesh Yadav (Program Officer, Health and Nutrition, Tata Trust, New Delhi;	25 September 2021





Sl. No.	Activity	Particulars	Date(s)
		<p>Alumni - MPH, PSPH [2011-2013 batch]) was the resource person for the session. Around 50 third-semester MPH students along with MPH faculty joined for the session. The session started with a welcome address to the alumnus, Dr Nilesh Yadav. He had graduated in medicine from Maharashtra University of Health Sciences in 2010 and completed his Master's in Public Health with a specialization in Epidemiology from Manipal in the year 2013. He has worked for UNICEF in Madhya Pradesh for one and half years and has been associated with Tata Trusts for seven years, since then. His areas of expertise are maternal and child health and nutrition, e-health in maternal and newborn care and communicable diseases particularly tuberculosis and malaria. He has experience in nutrition program planning, development, implementation, monitoring and evaluation, at state and national levels. The presentation was on 'Nutritional Assessment'. It included the basics of nutrition, malnutrition, and nutritional assessment. Different methods of nutritional assessment including anthropometric assessment, biochemical assessment, clinical assessment, and dietary assessment, were explained.</p>	
18	Building a Career in Research: A Personal Reflection	<p>The Research Cell, Innovation Cell and the Scientific Committee of PSPH, MAHE, Manipal had organized an invited talk on the topic, "Building a Career in Research: A Personal Reflection" through Microsoft Teams on Saturday, 25 September 2021. Dr Aarthi Ramasamy (Research Fellow, Madras Diabetes Research Foundation, Chennai and Deakin University, Australia) was the resource person for this event. Students, faculty, researchers, staff of Prasanna School of Public Health and other constituent units of MAHE, Manipal participated in the Research Cell Meeting.</p>	25 September 2021
19	International Workshop on "Antibiotics and Antibiotic-Resistant Bacteria in Food Chain: An Alarming Situation"	<p>PREVENT IT had organized (organized by Chitkara University, Punjab, India) an International Workshop on "Antibiotics and Antibiotic-Resistant Bacteria in Food Chain: An Alarming Situation" as a part of the Erasmus+ funded project entitled "PREVENT</p>	1 October 2021



Sl. No.	Activity	Particulars	Date(s)
20	Global Health Literacy Summit 	IT- Risk Management and Prevention of Antibiotics Resistance". Global Health Literacy Summit 2020-2021 (GHLS) was organized in Taiwan this year on 3-5 October 2021 (through Zoom) by International Health Literacy Association (IHLA) in collaboration with the Asian Health Literacy Association (AHLA). The three-day event was a summit organized for the first time ever with participants from more than 30 countries during the event. The inaugural ceremony was chaired by the Vice-President of Taiwan who gave the introductory remarks. The event was a good mix of Plenary Sessions, Masterclass Oral Presentations and Poster Presentations. Some of the topics that evolved during the discussions were Health Literacy and Equity, Planetary Health Literacy, Digital Health Literacy, Health Literacy among adolescents and resilient societies to promote health literacy. The Closing Ceremony had a dance challenge for the song 'Jerusalem' and it was a proud privilege that PSPH students performed for that during the Valedictory Ceremony. Dr Arathi Rao (Coordinator, MPH Program, Department of Health Policy; Coordinator, Manipal Health Literacy Unit; PSPH) presented a poster during the event. Dr Kumar Sumit (Faculty, MPH Program, Department of Health Policy, PSPH), and Dr Astha Radotra (student, PSPH) had registered for the Summit and participated.	3 October 2021 to 5 October 2021
21	Inauguration of Professor Rajani Prasanna Endowment Lecture Series – Climate Change and its Impact on Public Health 	A Lecture on "Climate Change and its Impact on Public Health" was held on the occasion of the Virtual Inaugural Ceremony of the Professor Rajani Prasanna Endowment Lecture Series on Monday, 4 October 2021 through Microsoft Teams. The resource persons were: Shri D A Prasanna, Prof Rajani Prasanna – Benefactors, PSPH; Professor Jagdish Sheth (Goizueta Business School, Emory University, USA) - Panel Moderator; Professor Henry Falk (Adjunct Professor, Rollins School of Public Health, Emory University, USA); Professor Poornima Prabhakaran (Deputy Director, Centre for Environmental Health, Public Health Foundation of India); Professor Nadav	4 October 2021

Sl. No.	Activity	Particulars	Date(s)
22	International Webinar on Health Literacy 	Davidovitch (Dean, School of Public Health, Ben Gurion University of the Negev, Israel); Lt Gen Dr M D Venkatesh (Vice-Chancellor of MAHE, Manipal) – delivered the inaugural address; Professor Dr Helmut Brand (Director, PSPH) – delivered the Welcome Speech, Introduction and hosted the event. MPH Program, Department of Health Policy, PSPH, MAHE, Manipal in collaboration with the University of Aberdeen, Scotland, United Kingdom had organized an “International Webinar on Health Literacy” on Friday, 8 October 2021 through Microsoft Teams. Dr Miriam Brazzelli (Reader, University of Aberdeen, Scotland, United Kingdom), Dr Lucy McLean (Dietician and MPH Student, University of Aberdeen, Scotland, United Kingdom), Dr Heather Morgan (Lecturer, University of Aberdeen, Scotland, United Kingdom) were the resource persons for the event.	8 October 2021
23	Global Health Advisory Board Meeting 	The Global Health Advisory Board Meeting was organized by McMaster University Canada on 18 and 19 October 2021 through Zoom. The Global Health Advisory Board members were present along with faculty from seven universities across the globe. The meeting was chaired by Dr Thijs Teeling who is currently the chairperson of the Global Health Advisory Board. The meeting had organized two talks related to migrant health and health of the indigenous population in the backdrop of the COVID-19 Pandemic. Dr Rameneni Sai Tanmaye (MPH Student, PSPH) was provided an opportunity to express her reflections on studying global health during the Pandemic. Dr Arathi Rao (Coordinator, MPH Program, Department of Health Policy; Coordinator, Manipal Health Literacy Unit; PSPH) represented PSPH, MAHE, Manipal in the Global Health Advisory Board Meeting. The Indian Commissioner to Canada highly appreciated MAHE’s rise in the Global Health Advisory Board.	18 October 2021 to 19 October 2021
24	A TV Program on “Covid Communication”	A TV Program on “Covid Communication” was telecasted on ‘U Channel’ (local Udupi TV channel) on Wednesday, 3 November 2021. Dr Arathi Rao (Coordinator, MPH	3 November 2021

Sl. No.	Activity	Particulars	Date(s)
		Program, Department of Health Policy; Coordinator, Manipal Health Literacy Unit; Prasanna School of Public Health, MAHE, Manipal), Dr Chaitra R Rao (Associate Professor, Community Medicine Department, Kasturba Medical College, MAHE, Manipal), Dr Eshwari (Associate Professor, Community Medicine Department, Kasturba Medical College, MAHE, Manipal) were the resource persons for the TV Program. These resource persons answered questions and shared information regarding the Covid Pandemic disease during the Program. During the program, Dr Arathi Rao spoke about "Hesitancy for Covid Vaccination in Udupi". This program was organized by the Institute of Health Management Research, Bangalore, and the Government of Karnataka.	
25	PREVENT IT – International Workshop on "Antimicrobial Resistance: Containment Measures" 	PREVENT IT had organized (organized by Prasanna School of Public Health, Manipal Academy of Higher Education, Manipal) an International workshop on "Antimicrobial Resistance: Containment Measures". This event was broadcasted through the PREVENT IT youtube channel ( <a href="https://www.youtube.com/preventit/live">https://www.youtube.com/preventit/live</a> ) on Friday, 12 November 2021. Dr Kiranjeet Kaur (Coordinator of ERASMUS plus funded project entitled 'Risk Management and Prevention of Antibiotics Resistance', Chitkara University, Punjab, India), Dr Himanshu Pradhan (Associate Professor, Kalinga Institute of Industrial Technology [KIIT] Deemed to be University, Bhubaneswar, Odisha, India), Dr Sanjeev Singh (Amrita Vishwa Vidyapeetham, India), Dr Vandana K E (Professor and Head of Department of Microbiology, Kasturba Medical College, MAHE, Manipal, India), Mr Muni Mohan (Rural Institute for People Enlightenment, India), and Dr Francesco Scaglione (Academic Pharmacologist, Physician Scientist, University of Milan, Italy) were the expert speakers for the International Workshop.	12 November 2021
26	Cancer Awareness Program and Check-up Camp	District Panchayath Udupi; Health and Family Welfare Department, Udupi District; District Surveillance Office, NCD Unit, Udupi; Prasanna School of Public Health,	12 November 2021

Sl. No.	Activity	Particulars	Date(s)
	 	<p>MAHE, Manipal; Primary Health Centre, Kapu; Rotary Club Shankarapura and Rotary Community Wing Innanje had organized a Cancer Awareness Program and Check-up Camp on Friday, 12 November 2021 at Dasabhavana, near Innanje Panchayath, Kapu. MPH Students of PSPH, MAHE, Manipal had performed a Skit on Cancer Screening Awareness among Women. Dr Arathi Rao (Coordinator, MPH Program, Department of Health Policy; Coordinator, Manipal Health Literacy Unit, PSPH) addressed the gathering and spoke regarding Cancer, the importance of a healthy lifestyle, good habits, good nutritious diet, measures to prevent Cancer, and treatment for Cancer.</p>	
27	Project Neralu Session.	<p>PSPH had organized a Virtual Session regarding Project Neralu on Saturday, 13 November 2021 through Microsoft Teams. In the Session, Dr Arathi Rao (Coordinator, MPH Program, Department of Health Policy; Coordinator, Manipal Health Literacy Unit; PSPH) delivered the felicitation address. Dr Rahul Clare (Executive Assistant to the Director, Prasanna School of Public Health) delivered the vote of thanks and shared information about the way forward regarding Project Neralu. Mr Manu Varambally (Marketing Executive, Prasanna School of Public Health) welcomed the gathering and shared information about Project Neralu. Faculty, staff, and students of PSPH attended the session.</p>	13 November 2021
28	Radio Manipal Program – World Diabetes Day	<p>Dr Arathi Rao (Coordinator, MPH Program, Department of Health Policy; Coordinator, Manipal Health Literacy Unit; PSPH) delivered an awareness talk on “World Diabetes Day – Access to Diabetes Care, if not now when?” (based on the theme of World Diabetes Day – 2021 – “Access to Diabetes Care, if not now when?”) which was broadcasted by Radio Manipal FM 90.4 MHz on Sunday, 14 November 2021 (16:30 hours IST) and the repeat broadcast was on Monday, 15 November 2021. During her talk, Dr Arathi Rao spoke about diabetes, how it is caused, measures to be taken to prevent it and treatment for diabetes.</p>	14 November 2021

Sl. No.	Activity	Particulars	Date(s)
29	Webinar on “Path, Crisis and Risk Management in Healthcare Facilities in the World, the Importance of Evidence-Based Decision in Risk Management”	Dr Arathi Rao (Coordinator, MPH Program, Department of Health Policy; Coordinator, Manipal Health Literacy Unit; PSPH) was one of the speakers for the webinar on “Path, Crisis and Risk Management in Healthcare Facilities in the World, the Importance of Evidence-Based Decision in Risk Management” that was held on Thursday, 18 November 2021 as a part of the 12th International Health and Hospital Management Congress ( <a href="http://www.hsyk-antalya.org">www.hsyk-antalya.org</a> [Turkey]). The webinar was moderated by Professor Dr Seval Akgun (Professor of Public Health and Medicine, Baskent University Hospitals Network, Turkey). In the webinar, Dr Arathi Rao spoke on the topic “Quality and e-Quality for Women’s Health in LMIC’s (Lower Middle-Income Countries)”.	18 November 2021
30	MPH Alumni Session on “Gender Equity and Reproductive Autonomy” 	MPH Program, Department of Health Policy, PSPH had organized a talk on the topic, “Gender Equity and Reproductive Autonomy” by an alumna on Friday, 19 November 2021 in a lecture hall in PSPH (Resource Person had attended the event virtually through Microsoft Teams. Students, Faculty, Staff of PSPH were present in LH-3 Classroom of PSPH). The resource person for the event was Dr Pooja Tripathi (National Consultant in Paediatric Tuberculosis at Central Tuberculosis Division, Ministry of Health and Family Welfare [MPH Alumna 2011-2013]). The faculty and MPH Final year students of PSPH participated in the event.	19 November 2021
31	Awareness Program on Usage of Antibiotics	MPH Program, Department of Health Policy, PSPH organized an Antimicrobial Resistance Awareness event on Friday, 19 November 2021, as a part of the Antibiotic Awareness Week (18 November to 24 November). The participants of the event were the housekeeping staff from MAHE. The event was held in the Interact Ga building and was scheduled for an hour. It was attended by 67 housekeeping staff out of which 60 were females and 7 were males. The event commenced at 02.30 PM by welcoming the participants to the event. It was followed by an interactive session so as to know the	19 November 2021

Sl. No.	Activity	Particulars	Date(s)
		mindset of the audience with respect to the medication procedures they follow. It was then followed by a skit by the MPH students for the awareness related to AMR (Antimicrobial Resistance). The skit was followed by health education about the dos and don'ts of antibiotic usage. The event concluded with a feedback session and a vote of thanks which was given by Dr Arathi P Rao (Coordinator, MPH Program, Department of Health Policy; Coordinator, Manipal Health Literacy Unit; PSPH). Faculty, staff, and students of PSPH were present during the event.	
32	Guest Lecture on "Improving Men's Health: Using Health Literacy and Gender-Based Approaches" 	Manipal Health Literacy Unit, PSPH organized a Guest Lecture on "Improving Men's Health: Using Health Literacy and Gender-Based Approaches" on Friday, 26 November 2021 through Microsoft Teams. Dr Shane Kavanagh (Course Director – Master of Public Health, Faculty of Health, Deakin University, Australia) was the resource person for this event. Faculty, staff, and students of PSPH participated in the event.	26 November 2021
33	PREVENT IT - Dissemination event on "Combating Antibiotic Resistance: Strategy on antibiotic resistance and prudent use of antibiotics" 	The 'PREVENT IT- Risk Management and Prevention of Antibiotics Resistance' is a three-year project co-funded by the Erasmus+ Programme of the European Union. MAHE is one of the partner institutions for this project. PREVENT IT had organized (organized by Symbiosis School of Biological Sciences, Symbiosis International [Deemed University], Pune, India) a dissemination event on "Combating Antibiotic Resistance: Strategy on antibiotic resistance and prudent use of antibiotics" held on 27 November 2021 (Saturday).The event was broadcasted through the PREVENT IT youtube channel <a href="https://www.youtube.com/preventit/live">https://www.youtube.com/preventit/live</a> .	27 November 2021
34	PREVENT IT – International Workshop on "One Health Approach in Combating AMR" 	PREVENT IT had organized (organized by the School of Public Health, KIIT Deemed to be University, Bhubaneswar, Odisha, India) an International Workshop on "One Health Approach in Combating AMR" on Friday, 10 December 2021 through the PREVENT IT youtube channel: <a href="https://www.youtube.com/preventit/live">https://www.youtube.com/preventit/live</a> .	10 December 2021

Sl. No.	Activity	Particulars	Date(s)
35	PREVENT IT – International Workshop on “Insights into Antibiotic Resistance and Emerging Trends in Biomedical Sciences”	<p>Professor Dr Sudhir Kumar Satpathy (KIIT School of Public Health, KIIT Deemed to be University, Odisha, India); Professor Dr Helmut Brand (Department of International Health at Maastricht University, Netherlands); Professor Dr B Sunil (College of Veterinary and Animal Sciences, Kerala Veterinary and Animal Sciences University, India); Dr Prakash Narayanan (MAHE, Manipal, India); Dr Kiranjeet Kaur (Chitkara University, Punjab, India); and Mr Muni Mohan (Rural Institute for People Enlightenment, Tirupati, India) were the Expert Speakers for the event.</p> <p>PREVENT IT had organized (organized by Symbiosis School of Biological Sciences, Symbiosis International [Deemed University]) an International Workshop on “Insights into Antibiotic Resistance and Emerging Trends in Biomedical Sciences” on Saturday, 18 December 2021 through the PREVENT IT youtube channel (<a href="https://www.youtube.com/preventit/live">https://www.youtube.com/preventit/live</a>). Dr Alessandra Polissi (University of Milano, Italy); Dr Himanshu Pradhan (KIIT, Bhubaneswar, India); Dr Tushar Kant Beuria (Institute of Life Sciences, Bhubaneswar, India); Mr Sujit Ghosh (Voluntary Health Association of Tripura, India); Dr Kiranjeet Kaur (Chitkara University, Punjab, India) were the Experts for the event.</p>	18 December 2021

#### Details of Guest Visit (lectures, collaboration, visitors on campus)

##### Guest Lectures :

Sl. No.	Visitor	Name of the Organization	Purpose of Visit	Date of Visit
<b>Data Science</b>				
1	Dr Ashwini Mathur	Solution Lead and Head, Data Science and Artificial Intelligence Hub- Dublin, Novartis Ireland	An invited talk through Microsoft Teams on “Data Science Needs: An Industry Perspective” by a resource person Dr Ashwini Mathur. The intended participants for this event were faculty, staff and students of PSPH. However, the event was open to participants as well within MAHE.	17 July 2021



Sl. No.	Visitor	Name of the Organization	Purpose of Visit	Date of Visit
2	Dr Arpita Ghosh	Senior Research Fellow, Biostatistics and Data Science, The George Institute for Global Health, India	An invited lecture through Microsoft Teams on "Introduction to Paradata Analysis and its Application". Dr Arpita Ghosh was the resource person for this event.	13 December 2021
3	Dr Susmita Datta	University of Florida, Gainesville, USA	Dr Susmita Datta visited the Department of Data Science at 2 pm and had an interactive session with the department faculty at RA Fisher Hall, Department of Data Science. She was the Chairperson in the 28th International Workshop on Matrices and Statistics (IWMS 2021) organized by the Centre for Advanced Research in Applied Mathematics and Statistics (CARAMS) from 13 December 2021 to 15 December 2021.	13 December 2021
<b>Global Health</b>				
1	Ms Supriya H G	Partner Tally Solutions Pvt. Ltd.	MSW Program, PSPH, MAHE, Manipal, had organized a webinar on "Role of Business Partner in Creating Robust Human Resource Team". Ms Supriya H G was the resource person for the webinar.	23 February 2021
2	Ms Shanty Kokoth	Corporate Human Resources - Tavant	MSW Program, PSPH, MAHE, Manipal, had organized a webinar on "Objective and Key Results: Performance Review Methodology". Ms Shanty Kokoth was the resource person for the webinar.	24 February 2021
3	Mr Nitin Kumar	Senior Human Resources Manager – CSG	MSW Program, PSPH, MAHE, Manipal, had organized a webinar on "Objective and Key Results: Performance Review Methodology". Mr Nitin Kumar was the resource person for the event.	24 February 2021
4	Mr Pathanjali Bhat	Manager – People Business Partner at Informatica India	MSW Program, PSPH, MAHE, Manipal, had organized a webinar on "HR trends vs Reality - Way Forward After COVID".	25 February 2021

Sl. No.	Visitor	Name of the Organization	Purpose of Visit	Date of Visit
5	Ms Sanghamitra Satapathy	Co-Founder at EdgeNext HR	Mr Pathanjali Bhat was the resource person for the webinar. MSW Program, PSPH, MAHE, Manipal, had organized a webinar on "Enhancing Employee Experience through Employee Engagement: Apply Social Distancing". Ms Sanghamitra Satapathy was the resource person for the webinar.	26 February 2021
6	Mr Hemachandra GH	General Manager - Human Resources Shared Services [HRSS]	MSW Program, PSPH, MAHE, Manipal, had organized a Panel Discussion on "3T - Talent, Team and Technology". Mr Hemachandra GH was the Eminent Speaker for the event.	26 February 2021
7	Mr Nitin Kumar	Senior Human Resources Manager – CSG	MSW Program, PSPH, MAHE, Manipal, had organized a webinar on "Objective and Key Results: Performance Review Methodology". Mr Nitin Kumar was the resource person for the webinar.	26 February 2021
8	Ms Akshatha Bangera	Human Resources Specialist – iManage; Moderator for the Session	MSW Programme, PSPH, MAHE, Manipal, had organized a Panel Discussion on "3T - Talent, Team and Technology". Ms Akshatha Bangera was the Eminent Speaker at the event.	26 February 2021
9	Mr Lazar Kakkassery	Employment and Social Services, Halton Region, Ontario, Canada	MSW Program, Department of Global Health, PSPH, MAHE, Manipal had organized a webinar Session on, "Role of Social Workers in Government Social Assistance Programs in Canada" to orient the students on career opportunities in developed countries. The speaker for the session was Mr Lazar Kakkassery, Mental Health Worker, Employment and Social Services, Halton Region, Ontario, Canada. He gave an overview of various welfare services offered to disadvantaged persons in Canada as a part of the Ontario Disability Support Program	6 March 2021

Sl. No.	Visitor	Name of the Organization	Purpose of Visit	Date of Visit
			(ODSP), social work interventions in those services and opportunities available for Indian social workers in Canada.	
10	Dr Kalpana Goel	Lecturer, Social Work, University of South Australia, Adelaide	MSW Program, Department of Global Health, PSPH organized a Career Conclave Event – A Session on ‘Jobs and Higher Studies’ – Opportunities for Social Workers in Australia. Dr Kalpana Goel was the resource person for the event.	27 May 2021
11	Mr Sam Thomas	Associate Manager, People Services, Bangalore	MSW Program, Department of Global Health, PSPH organized an Alumni Interaction Session on “Challenges of HR Professionals during Pandemic”. Mr Sam Thomas was the resource person for the event.	27 May 2021
12	Mr Jacob D’Souza	Manager, E-learning, Dhvani Foundation, Bangalore	MSW Program, Department of Global Health, PSPH had organized a Career Conclave Event – A Session on Path Towards Service – Opportunities in Hospitals and NGO. Mr Jacob D’Souza was the resource person for the event.	28 May 2021
13	Mr Nitin Kumar	Senior HR Manager, CSG, Bangalore	MSW Program, Department of Global Health, PSPH organized a Career Conclave Event – A Session on Start as a Fresher – Impactful CV and First Impression. Mr Nitin Kumar was the resource person for the event.	29 May 2021
14	Mr Sam Thomas	Recruiting Analyst, Accenture, Bangalore; MSW Alumnus, 2011-2013 batch	MSW Program, Department of Global Health, PSPH organized an Alumni Interaction Session on “Challenges of HR Professionals during Pandemic” through Microsoft Teams on Monday, 7 June 2021. Mr Sam Thomas was the resource person for the event.	7 June 2021

Sl. No.	Visitor	Name of the Organization	Purpose of Visit	Date of Visit
15	Mr Mahanthesh A H	Associate Manager, People Services, Bangalore; MSW Alumnus, 2011-2013 batch	MSW Program, Department of Global Health, PSPH organized an Alumni Interaction Session on "Challenges of HR Professionals during Pandemic" through Microsoft Teams on Monday, 7 June 2021. Mr Mahanthesh A H was the resource person for the event.	7 June 2021
16	Dr Anita Rego	Founder Director, PEARLSS 4 Development	Dr Anita Rego was the resource person for the Online Workshop Session on "Framework for Understanding Psychosocial Issues – COVID Context".	28 June 2021
17	Ms Snigdhanjali Mohanty	Co-founder, EdgeNext HR	MSW Program, Department of Global Health, PSPH and Career Counselling Cell, PSPH in association with EdgeNext HR, Bangalore had organized the "Career Hack – 2021 – Placement Preparation Workshop Series" from 30 June to 3 July 2021, through Microsoft Teams. Ms Snigdhanjali Mohanty (Co-founder, EdgeNext HR) was the resource person for the event.	30 June 2021 to 3 July 2021
18	Ms Parvathy R	Skill Development Specialist, EdgeNext HR	MSW Program, Department of Global Health, PSPH and Career Counselling Cell, PSPH in association with EdgeNext HR, Bangalore had organized the "Career Hack – 2021 – Placement Preparation Workshop Series" from 30 June to 3 July 2021, through Microsoft Teams. Ms Parvathy R (Skill Development Specialist, EdgeNext HR) was the resource person for the event.	30 June 2021 to 3 July 2021
19	Ms Chandra Ramamurthy	Grief Counsellor, Trainer/Consultant	Ms Chandra Ramamurthy was the resource person for the Online Workshop Session on "Grief, Psychosocial Theories and Assessment".	27 July 2021
20	Dr Suresh Chitrapu	Deputy Director BCC, Karnataka Health Promotion Trust	Dr Suresh Chitrapu was the resource person for the webinar "Field Work Practicum during	28 July 2021

Sl. No.	Visitor	Name of the Organization	Purpose of Visit	Date of Visit
21	Ms Sowmya Srikumar	Freelance Special Educator and Counsellor	the Covid Pandemic – Effective ways to meet the Challenges”. Ms Sowmya Srikumar was the resource person for the Online Workshop Session “Transitioning Towards a Changed Context”.	28 July 2021
22	Dr Nandeesh Y D	Chairperson, Department of Social Work, GFGC, Uppinangadi	Dr Nandeesh Y D was the resource person for the webinar “Field Work Practicum during the Covid Pandemic – Effective ways to meet the Challenges”.	28 July 2021
23	Dr Chandramouli	Chairperson, Department of Studies in Social Work, Mysuru	Dr Chandramouli was the resource person for the webinar “Field Work Practicum during the Covid Pandemic – Effective ways to meet the Challenges”.	28 July 2021
24	Ms Gayathri K R	Sr PSW, Muskaan - Child and Adolescent Guide and Centre, Tata Institute of Social Sciences, Mumbai	Ms Gayathri K R was the resource person for the Online Workshop Session on “Emotional Regulation and Working Through Grief and Loss”.	29 July 2021
25	Dr Srilatha Juvva	Professor, School of Social Work, Tata Institute of Social Sciences, Mumbai	Dr Srilatha Juvva was the resource person for the Online Workshop Session on “Meaning Making and Moving On”.	31 July 2021
26	Dr Sapna Ganesh	Counsellor, Dr A V Baliga Memorial Hospital, Udupi	MSW Program, Department of Global Health, PSPH had organized a Guest Lecture on “Group Work Process on De-addiction” in the Premises (Classroom) of PSPH on Tuesday, 12 October 2021. Dr Sapna Ganesh (Counsellor, Dr A V Baliga Memorial Hospital, Udupi) was the resource person for this event.	12 October 2021
27	Mr Sunny K John	(Deputy HOD, Quality and Faculty Development Initiative, Manipal Global Academy of BFSI [Banking, Financial Services and Insurance]).	MSW Program, Department of Global Health, PSPH, MAHE, Manipal had organized a session on “Prospects of HRM (Human Resource Management) and MPSW (Medical and Psychiatric Social Work) Specializations” through Microsoft Teams on Wednesday, 8 December 2021. Mr Sunny K	8 December 2021

Sl. No.	Visitor	Name of the Organization	Purpose of Visit	Date of Visit
			John (Deputy HOD, Quality and Faculty Development Initiative, Manipal Global Academy of BFSI [Banking, Financial Services and Insurance]) was the resource person for the event.	
<b>Health Innovation</b>				
1	Dr Shrihari Y Upadhyaya	CEO, Manipal Universal Technology Business Incubator	Dr Shrihari Y Upadhyaya gave an invited talk on the topic titled, "Role of Technology Business Incubators in Promoting Entrepreneurship".	23 January 2021
2	Dr Apoorva Sharma	Chief Operating Officer, The Hope Hospital, Ranchi	Dr Apoorva Sharma was the resource person for the Alumni Webinar session titled, "Experiences of Managing COVID-19 and Vaccination Drive".	13 February 2021
3	Dr Arun Shanbhag	Chief Innovation Officer, Innovation Centre, MAHE, Manipal	Dr Arun Shanbhag gave a talk on the topic, "Innovation in India: Facilities and Opportunities at Innovation Centre, MAHE".	27 February 2021
4	Dr Muralidhar M Kulkarni	Associate Professor, Department of Community Medicine, Kasturba Medical College, Manipal	The Research Cell, Innovation Cell and the Scientific Committee of PSPH had organized an invited talk on the topic, "Journey in Policy Advocacy" through Microsoft Teams on Saturday, 27 March 2021. The resource person for the meeting was Dr Muralidhar M Kulkarni.	27 March 2021
5	Dr G Arun Maiya	Dean, Manipal College of Health Professions, Manipal	The Research Cell, Innovation Cell and the Scientific Committee of PSPH had organized an invited talk on the topic, "Diabetic Foot Syndrome – Public Health Perspectives" through Microsoft Teams on Saturday, 24 April 2021. The resource person for the event was Dr G Arun Maiya.	24 April 2021

Sl. No.	Visitor	Name of the Organization	Purpose of Visit	Date of Visit
6	Dr Nikita Alexander	Associate Clinical Manager, Align Technology, Gurugram	The event 'Phronesis (an online enrichment program for health and hospital stakeholders)' was organized by the MHA Program, Department of Health Innovation, PSPH. As a part of this event, Dr Nikita Alexander gave a talk on the topic, "MHA Graduates: Opportunities Outside Hospitals"	15 May 2021
7	Dr Biswajeevan Sahoo	Resident Administrator, Department of Hospital Administration, All India Institute of Medical Sciences, Bhubaneswar; MHA, PSPH Alumnus, 2013-2015	MHA Program, Department of Health Innovation, PSPH had organized an event titled, "Phronesis (an online enrichment program for health and hospital stakeholders)". At the event, Dr Biswajeevan Sahoo delivered a talk on the topic, "Being Industry Ready - What is expected from an MHA graduate by the hospitals?".	15 May 2021
8	Ms Nikhita Sharma	Assistant Manager, Corporate Operations, Medicover Hospitals, Hyderabad	The event 'Phronesis (an online enrichment program for health and hospital stakeholders)' was organized by the MHA Program, Department of Health Innovation, PSPH. Ms Nikhita Sharma gave a talk on the topic, "Challenges in Management during the Pandemic".	15 May 2021
9	Dr Umashankar Raju D	Group Head, Quality and Special Initiative, M S Ramaiah Memorial Hospitals, Bengaluru	The event 'Phronesis (an online enrichment program for health and hospital stakeholders)' was organized by the MHA Program, Department of Health Innovation, PSPH. Dr Umashankar Raju D gave a talk on the topic, "Implementation of Quality Protocols and Challenges faced by Young Administrator in Quality".	16 May 2021
10	Dr Nishanth R T	State Consultant Quality Assurance [SCQA], Government of Karnataka, Bengaluru; MHA, PSPH Alumnus, 2012-2014	Dr Nishanth R T delivered a talk on the topic, "Post Covid Opportunities in the Government Sector" in the event titled, 'Phronesis (an online enrichment program for health and hospital stakeholders)'	16 May 2021

Sl. No.	Visitor	Name of the Organization	Purpose of Visit	Date of Visit
11	Dr Mohammad Faraz Numan	Senior Business Development Manager, Turtle Shell Technologies, Bengaluru; MHA, PSPH Alumnus, 2015-2017	<p>which was organized by the MHA Program, Department of Health Innovation, PSPH.</p> <p>Dr Mohammad Faraz Numan delivered a talk on the topic, "The Impact of COVID-19 on the Job Market and ways to deal with it". This talk was delivered in the event titled, 'Phronesis (an online enrichment program for health and hospital stakeholders)' which was organized by the MHA Program, Department of Health Innovation, PSPH.</p>	16 May 2021
12	Mr Anil D'Souza	Head, Human Resources, Sikkim Manipal University	Mr Anil D'Souza (Head, Human Resources, Sikkim Manipal University) was the resource person for the seminar on CV building skills and Interviews. He conducted Mock Interviews with MHA students.	22 May 2021
13	Mr Koshy Ancheril	Head (Human Resources), Apollo Adlux Hospital, Kerala	MHA Program, Department of Health Innovation, PSPH organized a webinar on "Basics of a Hospital Setup". Mr Koshy Ancheril was the resource person for this event.	5 June 2021
14	Mr Nagaraja Achar	CEO and Co-founder, Caremap and Tele Arogya, Bengaluru	The Research Cell, the Innovation Cell and the Scientific Committee of PSPH had organized an invited talk on the topic, "Journey in Policy Advocacy" through Microsoft Teams on Saturday, 27 March 2021. The resource person for the meeting was Dr Muralidhar M Kulkarni.	26 June 2021
15	Mr Amitabh Saxena	CEO, Anexas Consultancy Services Pvt Ltd, Bengaluru	MHA Program, Department of Health Innovation, PSPH, MAHE, Manipal in association with Anexas Consultancy Services Pvt Ltd, Bengaluru had organized the program on "Green Belt - Lean Six Sigma Training and Certification". Mr Amitabh Saxena was the resource person for the Certification Course.	19 July 2021



Sl. No.	Visitor	Name of the Organization	Purpose of Visit	Date of Visit
16	Dr Rajnarayan R Tiwari	Director, ICMR-National Institute for Research in Environmental Health, Bhopal	The Research Cell, the Innovation Cell and the Scientific Committee of PSPH, MAHE, Manipal organized an invited talk on the topic, "Occupational and Environmental Health: Issues, Approach and Challenges" on Saturday, 28 August 2021 through Microsoft Teams. Dr Rajnarayan R Tiwari was the resource person for this event.	28 August 2021
17	Dr Aarthy Ramasamy	Research Fellow, Madras Diabetes Research Foundation, Chennai and Deakin University, Australia	The Research Cell, Innovation Cell and the Scientific Committee of PSPH, MAHE, Manipal had organized an invited talk on the topic, "Building a Career in Research: A Personal Reflection" through Microsoft Teams on 25 September 2021. Dr Aarthy Ramasamy was the resource person for this event.	25 September 2021
18	Dr Binsha Pappachan C	Professor and Head, Department of Mental Health Nursing, Father Muller College of Nursing, Mangaluru	The Research Cell, the Innovation Cell, and the Scientific Committee of PSPH organized an invited talk on "Research Approaches and Designs" through Microsoft Teams on 27 November 2021. Dr Binsha Pappachan C was the resource person for this event.	27 November 2021
<b>Health Policy</b>				
1	Prof K Rajasekharan Nayar	Professor and Principal, Global Institute of Public Health, Thiruvananthapuram, Kerala	MPH Program, Department of Health Policy, PSPH organized a Webinar on the topic, "Foundations of Public Health" through Microsoft Teams. Professor K Rajasekharan Nayar was the resource person for the event.	18 August 2021
2	Professor Baukje de Roos	Deputy Director, The Rowett Institute, School of Medicine, Medical Sciences and Nutrition, University of Aberdeen, Scotland	MPH Program, Department of Health Policy, PSPH organized a Guest Lecture on the topic, "Fish, Fish Oil and Human Health: Nutrition Approaches to Identify Efficacy and Responsiveness" on Friday, 3	3 September 2021

Sl. No.	Visitor	Name of the Organization	Purpose of Visit	Date of Visit
			September 2021 through Microsoft Teams. Professor Baukje de Roos (Deputy Director, The Rowett Institute, School of Medicine, Medical Sciences and Nutrition, University of Aberdeen, Scotland) was the resource person for this event.	
3	Dr Nilesh Yadav	Program Officer, Health and Nutrition, Tata Trust, New Delhi; Alumni - MPH, PSPH [2011-2013 batch]	MPH Program, Department of Health Policy, PSPH had organized an Alumni session on the topic, "Nutritional Assessment" conducted through Microsoft teams. Dr Nilesh Yadav was the resource person for the event.	25 September 2021
4	Dr Pooja Tripathi	National Consultant in Paediatric Tuberculosis at Central Tuberculosis Division, Ministry of Health and Family Welfare [MPH Alumna 2011-2013]	Dr Pooja Tripathi was the resource person for MPH Alumni Session titled, "Gender Equity and Reproductive Autonomy".	19 November 2021
5	Dr Shane Kavanagh	Course Director – Master of Public Health, Faculty of Health, Deakin University, Australia	Manipal Health Literacy Unit, PSPH organized a Guest Lecture on the topic, "Improving Men's Health: Using Health Literacy and Gender-Based Approaches" on Friday, 26 November 2021 through Microsoft Teams. Dr Shane Kavanagh (Course Director – Master of Public Health, Faculty of Health, Deakin University, Australia) was the resource person for this event. Faculty, staff, and students of PSPH participated in this event.	26 November 2021

#### Details of Publications:

National		International	
Indexed	Non - Indexed	Indexed	Non - Indexed
37	11	21	4

#### Conferences attended by Institution faculty and students:

Faculty		Student	
National	International	National	International
3	10	00	7

**Details of Conferences/Workshops conducted by the Institution:**

Particulars	National	International
Workshop	15	4
Other	47	7

**Books/chapters authored by faculty members:**

Sl. No.	Name of the Book	Chapter(s) name (if authored, chapters only)	Faculty members	Publisher	Date
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**Global Health**

1	Pandemics, climate change and growing inequality-The emerging paradigm shift in helping profession		Ms Ida D'Souza	Authors Press Global Network, New Delhi	31 December 2021
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**Details of Research Grants:**

Sl. No.	Project Name	Principal Investigator	Funding Agencies	Total Grants Received (INR)	Date(s)
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**Data Science**

1	Academic Stress, Depression and Anxiety among Grade 11 and 12 Learners of Coastal Karnataka: A Cross-Sectional Study	Dr Shreemathi Mayya	Indian Council of Social Science Research (ICSSR)	10,00,000.00	1 May 2019 to 30 May 2021
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2	Matrices, Generalized Inverses, and	Dr K Manjunatha Prasad	Engineering Research Board (SERB)	19,54,832.00	29 March 2019 to 29 March 2022
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Sl. No.	Project Name	Principal Investigator	Funding Agencies	Total Grants Received (INR)	Date(s)
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### Applications



### Global Health

1	To implement a Comprehensive Cancer Care and Support project at MAHE, with an aim to improve the quality of life of individuals diagnosed with cancer and their family members, through comprehensive cancer care	Dr Lena Ashok	Cyno Pharmaceuticals, New Delhi	7,07,040.00	5 September 2019 to 4 September 2022
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2	Assessing the health status of the community surrounding UPCL	Dr Lena Ashok	Udupi Power Corporation Limited, Udupi	10,62,000.00	27 November 2021
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### Health Information

1	Inclusive Cities through Equitable Access to Urban Mobility Infrastructures for India and	Professor Dr Ajay Bailey	NWO-WOTRO Science for Global Development	4,00,00,000.00	1 March 2019 to 1 March 2023
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Sl. No.	Project Name	Principal Investigator	Funding Agencies	Total Grants Received (INR)	Date(s)
	Bangladesh 				
<b>Health Policy</b>					
1	Strengthening of Oxygen Ecosystem in the state of Karnataka 	Dr Sanjay Pattanshetty	D A Prasanna endowment fund	14,90,000.00	1 November 2021 to 30 June 2022
2	Non-invasive Haemoglobin detection for Anaemia among patients in Healthcare settings of Bengaluru, Bellary, Mangalore, Udupi and Koppal taluk 	Dr Rahul Clare	Robert Bosch Engineering and Business Solutions Pvt Ltd.	23,16,208.00	1 January 2020 to 07 February 2021
3	Risk Management and Prevention of Antibiotics Resistance- PREVENT IT 	Dr Helmut Brand	European Commission funded Erasmus+ Grant - PREVENT IT	90,00,000.00	6 June 2019 to 31 December 2021

**Awards/Recognitions:****Institution (including “The Best Teacher Award” for the year)**

Sl. No.	Name	Details	Date
<b>Global Health</b>			
1	MSW Program Rankings by India Today-MDRA	MSW Program, PSPH, MAHE, Manipal has been ranked fourth in the Emerging Colleges Category (among Social Work Colleges) and ranked 16th in the Overall Rankings (among social work colleges) according to the India Today – MDRA (Marketing and Development Research Associates) Rankings-2021 published in the India Today Magazine (5 July 2021).	5 July 2021
2	MSW Program at PSPH – Outlook – ICARE Rankings	MSW Program, PSPH, MAHE, Manipal has been ranked 14th according to Outlook-ICARE India’s Best Colleges Rankings-2021 among India’s top Institutes of Social Work.	5 July 2021

**Faculty Members**

Sl. No.	Name	Details	Date
<b>Health Policy</b>			
1	Dr Arathi Rao	Dr Arathi Rao (Coordinator, MPH Program, Department of Health Policy; Coordinator, Manipal Health Literacy Unit; PSPH) has received the ‘Public Health Students Advance Global Health Research - NIH Fellowship’. The National Institutes of Health (NIH), a part of The United States Department of Health and Human Services, and is the USA’s (United States of America) medical research agency — making important discoveries that improve health and save lives.	4 August 2021

**Students**

Sl. No.	Name	Details	Date
<b>Data Science</b>			
1	Keerthana Udupa	MSc (Biostatistics) student of Batch 13 has received a cash prize of 10,000 INR from Professor Abhaya Indrayan as an award for the “Best Outgoing MSc (Biostatistics) student” for the year 2021 (2019-2021 batch).	1 December 2021
2	Bharath U, Greeshma Thadathil, Prajnya Srinivas and Jessica Elizabeth George	Certificate of Appreciation is awarded to the second-year and first-year students of the MSc (Biostatistics) program for securing the first position in the Data Analysis and Interpretation Track as a part of the Novo Nordisk Data Analytics and Visualization Challenge held in December 2021. The contest assessed the skills of students to analyse, design infographics and interpret insights from data (Novo Nordisk National Level Case Study Competition).	1 December 2021

Sl. No.	Name	Details	Date
3	Vaishakh N, Sushmitha N, Aparajita Karmakar and Yukta Kataria	Certificate of Appreciation is awarded to the second-year and first-year of the MSc (Data Science) program for securing the second position in the Data Visualization Track as part of the Novo Nordisk Data Analytics and Visualization Challenge held in December 2021. The contest assessed the skills of students to analyse, design infographics and interpret insights from data (Novo Nordisk National Level Case Study Competition).	2 December 2021
4	Milenta Mariam Chacko	MSc (Biostatistics) student of Batch 13 has received a Certificate and a Cash prize from GSK, 2021 Bangalore for the first best outgoing student of Batch 13 (Year 2019-2021).	2 December 2021
5	Keerthana Udupa	MSc (Biostatistics) student of Batch 13 has received a Certificate and a Cash prize from GSK, 2021 Bangalore for the second best outgoing student of Batch 13 (Year 2019-2021).	2 December 2021

#### Global Health

1	Mr Harikrishnan J, Ms Salwa Mohd Qasim	Mr Harikrishnan J and Ms Salwa Mohd Qasim participated in the Extempore Quiz Competition based on the theme, "Decadal Challenges to Child Protection" and Secured the 'Second Position' with a 'B' grade at "the 18th SAMANWAYA International Conference and Social Work Students Meet".	12 April 2021
2	Mr Harikrishnan J	Certificate of Appreciation is awarded to Mr Harikrishnan J for his volunteer service during the COVID-19 pandemic by Palakkad District Administration.	27 August 2021

#### Staff

Sl. No.	Name	Details	Date
<b>Health Information</b>			
1	Dr Shradha S Parsekar	Received bursary support to attend and disseminate her study findings via on-demand oral presentation (held virtually) at the "World Congress of Epidemiology- WCE 2021" which was organized by the International Epidemiological Association.	6 September 2021
2	Dr Prachi Pundir	Won the first prize for the best e-oral presentation at IPHACON-2021 (the 65th annual conference of the Indian Public Health Association) which was organized by the IPHA Pondicherry state branch and JIPMER.	26 September 2021

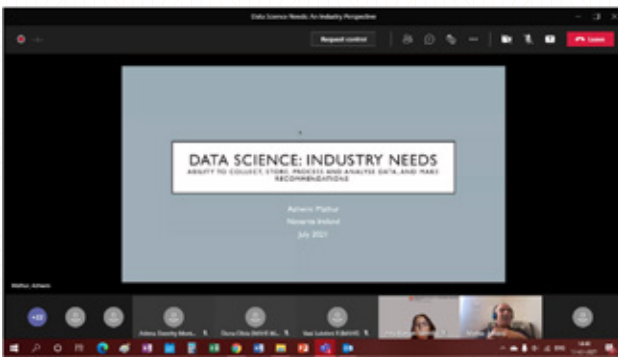
## Photo Archive of Important events



Awareness Program on Usage of Antibiotics.



Cochrane India Inauguration Event.



The Department of Data Science organized an interactive career enhancement session titled, "Data Science Needs an Industry Perspective" on 17 July 2021.



"Nutritional Awareness Program" was organized for the MAHE House keeping staff on Friday, 8 October 2021.



## Manipal Institute of Virology, Manipal

Address: Manipal Institute of Virology (MIV) Manipal Academy of Higher Education Madhav Nagar,  
Manipal - 576 104 Karnataka State, India.

Phone Number: 0820 2922663

Email-Office: virology@manipal.edu

HOD Email: chiranjay.m@manipal.edu



Name of the Director: **Dr Chiranjay Mukhopadhyay**

Established: **2010**

### **Details of Programs offered by the Institution:**

- MSc Clinical Virology
- Doctor of Philosophy (Virology)

### **About Institution/School:**

Manipal Institute of Virology (MIV), erstwhile known as the Department of Virus Research or Manipal Centre for Virus Research, Manipal Academy of Higher Education (MAHE) was established on 1 May 2010 by upgrading the virology laboratory of the Department of Microbiology, Kasturba Medical College, Manipal into a university department. MIV is a NABL accredited laboratory in accordance with ISO 15189:2012 in the field of medical testing for the disciplines of

Microbiology and Infectious disease serology and molecular testing. It is the only virus diagnostic laboratory in India with several serological and molecular tests included in its scope. MIV is also registered under the Karnataka Private Medical Establishment (KPME) (Amended) Act and Rules 2018 for providing medical services as a Medical Diagnostic Laboratory under the Allopathy system of medicine. Currently, MIV is the Apex Referral Laboratory for Dengue, Japanese Encephalitis and Chikungunya under the National Vector Borne Disease Control Programme (NVBDCP), Ministry of Health and Family Welfare (MoHFW), Government of India. MIV is also a Centre of Excellence as awarded by the Global Virus

Network. MIV has a biosafety level 2 (BSL-2) laboratory with a state-of-the-art infectious disease diagnostic facility, a blend of classical and advanced methods, which provides the capability to detect forty-plus (40+) viruses through a spectrum of serological (ELISA), molecular (Real-Time PCR) and antigen detection assays. The institute enjoys an excellent working relationship with national, state and district public health services across the country. MIV also has strong collaborations with international institutions. MIV has the uniqueness of hosting a public service program on a private platform and in a short span of time, it has proven to be one of the best public-private partnerships for the development of public health infrastructure in the country. MIV has a library with a varied collection of books, journals and other scientific study materials in microbiology, virology, public health, biosafety, and biosecurity. The laboratory has been constructed by strictly adhering to the biosafety level norms outlined by the Indian Council of Medical Research (ICMR) and the Department of Biotechnology (DBT), MoHFW, Government of India. MIV provides support to the health

departments of several Indian states with viral disease diagnosis, surveillance, and outbreak investigation through its various projects. MIV, as one of the best virology institutes in India, has the platform for cross-cutting, in-depth research in the field of Influenza viruses, Herpes simplex viruses, Enteroviruses, Human Papilloma Viruses, Dengue viruses and Chikungunya viruses. MIV undertakes research in thrust areas targeting improvement in clinical diagnosis of diseases, infectious disease surveillance and epidemiology including molecular epidemiology of emerging and re-emerging viral diseases, developing various strategies for newer and alternative treatment modalities, platforms for testing antivirals, immunological profiling of viral diseases and development of diagnostic kits and vaccines. Research on advanced molecular diagnostics and pathogen discovery employ advanced techniques such as sequencing, Next Generation Sequencing (NGS), and Luminex multiplex serology. Disease awareness and community-based studies such as outbreak investigations, in coordination with the government public health departments, are some of the other key activities that extend amply

#### Details of Guest Visit (lectures, collaboration, visitors on campus)

##### Guest Lectures:

Sl. No.	Visitor	Name of the Organization	Purpose of Visit	Date of Visit
1	Dr Utpal Tatu	Indian Institute of Science, Bengaluru, India	Guest talk at MIV during International webinar on World Zoonoses Day-2021	6 July 2021
2	Dr Rajasekharan P Warriar	Ochsner Children's Hospital New Orleans, LA, USA	Guest talk at MIV during International webinar on World Zoonoses Day-2021	6 July 2021
3	Dr Guruprasad Medigeshi	Translational Health Science and Technology Institute, Faridabad, India	Guest talk at MIV during International webinar on World Zoonoses Day-2021	6 July 2021
4	Dr Michael Walsh	The University of Sydney, Australia	Guest talk at MIV during International webinar on World Zoonoses Day-2021	6 July 2021
5	Dr Stephan Barr	Western University, Ontario, Canada	Guest talk at MIV during International webinar on World Zoonoses Day-2021	6 July 2021

Sl. No.	Visitor	Name of the Organization	Purpose of Visit	Date of Visit
6	Dr Anamika Mishra	ICAR-National Institute of High Security Animal Disease, Bhopal, India	Guest talk at MIV during International webinar on World Zoonoses Day-2021	6 July 2021
7	Dr Ekta Gupta	Institute of Liver and Biliary Sciences, New Delhi	Guest talk at MIV during International webinar on World Hepatitis Day-2021	28 July 2021
8	Dr Mahua Sinha	Kidwai Memorial Institute of Oncology, Bengaluru	Guest talk at MIV during International webinar on World Hepatitis Day-2021	28 July 2021
9	Dr Young-Chan Kwon	Korea Research Institute of Chemical Technology (KRICT), Daejeon, South Korea	Guest talk at MIV during International webinar on World Hepatitis Day-2021	28 July 2021
10	Dr Shyamasundaran Kottilil	University of Maryland, Baltimore MD, USA	Guest talk at MIV during International webinar on World Hepatitis Day-2021	28 July 2021
11	Dr Daniela Hermelin	Saint Louis University Hospital. St Louis, USA	Guest talk at MIV during International webinar on World Hepatitis Day-2021	28 July 2021
12	Dr Bernadette Abela-Ridder	World Health Organization, Switzerland	Guest talk at MIV during International webinar on World Rabies Day-2021	28 September 2021
13	Dr Abi Manesh	Christian Medical College, Vellore	Guest talk at MIV during International webinar on World Rabies Day-2021	28 September 2021
14	Dr Ravish H S	KIMS, Bengaluru	Guest talk at MIV during International webinar on World Rabies Day-2021	28 September 2021
15	Dr Gowri Yale	Mission Rabies India	Guest talk at MIV during International webinar on World Rabies Day-2021	28 September 2021
16	Dr Harsha P K	Institute for Stem cell Science and Regenerative Medicine, Bengaluru	Guest talk at MIV during International webinar on World Rabies Day-2021	28 September 2021
17	Dr Hildegund C J Ertl	Wistar Institute, Philadelphia, USA	Guest talk at MIV during International webinar on World Rabies Day-2021	28 September 2021
18	Dr Ajay Kumar Tahlan	Central Research Institute, Kasauli, Himachal Pradesh	Guest talk at MIV during International webinar on World Rabies Day-2021	28 September 2021
19	Dr Dimple Kasana	Central Research Institute, Kasauli, Himachal Pradesh	Guest talk at MIV during International webinar on World Rabies Day-2021	28 September 2021
20	Dr Shailendra (Shailey) Prasad	University of Minnesota, USA	Guest Lecture at MIV	29 September 2021
21	Professor R K Ratho	PGIMER, Chandigarh, India	Guest lecture during MSc Clinical Virology Orientation Program on 4 October 2021	4 October 2021



#### Details of Publications:

National		International	
Indexed	Non - Indexed	Indexed	Non - Indexed
0	0	5	0

#### Conferences attended by Institution faculty and students:

Faculty		Student	
National	International	National	International
2	14	0	53

#### Details of Conferences/Workshops conducted by the Institution:



Particulars	National	International
Seminar	1	3
Workshop	2	0

#### Books/chapters authored by faculty members:

Sl. No.	Name of the Book	Chapter(s) name (if authored, chapters only)	Faculty members	Publisher	Date
1	COVID-19: A Multidimensional Response	Chapter 2. Epidemiology of COVID-19	Dr Chiranjay Mukhopadhyay, Dr Piya Paul Mudgal, Dr Robin S, Mr Naren Babu	Manipal Universal Press	1 May 2021
2	COVID-19: A Multidimensional Response	Chapter 3: Community spread and public health prevention	Dr Chiranjay Mukhopadhyay, Dr Anitha Jagadesh, Mr Anup Jayaram, Mr Shahin Sheik	Manipal Universal Press	1 May 2021
3	COVID-19: A Multidimensional Response	Chapter 4: Biology of Severe Acute Respiratory Syndrome Coronavirus-2	Dr Chiranjay Mukhopadhyay, Dr Sathishkumar Arumugam, Mr Oliver Christy Dsa	Manipal Universal Press	1 May 2021
4	COVID-19: A Multidimensional Response	Chapter 5: COVID-19 Laboratory Diagnosis Challenges and Conundrums	Dr Chiranjay Mukhopadhyay, Dr Puneet Bhatt	Manipal Universal Press	1 May 2021



## Details of Research Grants:

Sl. No.	Project Name	Principal Investigator	Funding Agencies	Total Grants Received (INR)	Date(s)
1	Evaluation of rationally Designed Influenza vaccines (ENDFLU)	Dr Anitha J	DBT, Government of India	68,16,240.00	1 January 2021 to 31 December 2021
					

## Awards/Recognitions:

### Institution (including "The Best Teacher Award" for the year)

Sl. No.	Name	Details	Date
1	Partner in WHO Global Outbreak Alert and Response Network (GOARN)	MIV is a partner of the WHO Global Outbreak Alert and Response Network (GOARN)	1 January 2021
2	KPME Registration	MIV received KPME registration under Karnataka Private Medical Establishment Act 2018 and Rules 2018 for providing medical services as a Medical Diagnostic Laboratory under the Allopathy system of medicine.	1 January 2021
3	NVBDCP Apex Referral Laboratory for Arboviruses	MIV is an NVBDCP Apex Referral Laboratory for Arboviruses under the Ministry of Health and Family Welfare, Govt. of India	1 January 2021
4	Centre of Excellence-Global Virus Network (GVN)	MIV is a Centre of Excellence-Global Virus Network (GVN)	1 January 2021
5	ISO 14001-2015 Certification	MIV received ISO 14001-2015 Certification for providing educational services leading to a master's degree and doctoral degree in Virology, Diagnostic services, Viral Diseases surveillance and research activity.	1 January 2021
6	NABL Accreditation	MIV received NABL accreditation in accordance with ISO 15189:2012 in the field of medical testing for the disciplines of Microbiology and Infectious disease serology and molecular testing.	5 January 2021

## Faculty Members

Sl. No.	Name	Details	Date
1	Dr Anitha J	Fogarty Global Health fellowship received from Northern Pacific Global Research Fellows Training Consortium under University of Minnesota	22 February 2021

Students

Sl. No.	Name	Details	Date
1	Ms Nikitha S	Ms Nikitha S (PhD Scholar) was awarded the Best paper award in the Oral Presentation category at the Interdisciplinary Conference on Healthcare and Technical Research (ICHTR) 2021 organized by MAHE Students Research Forum under the aegis of the Directorate of Research, MAHE, Manipal.	14 November 2021

Photo Archive of Important events



MIV organized a Training workshop on Molecular Diagnostic techniques for students of the Department of Medical Laboratory Technology, Manipal College of Health Professions (MCHP), MAHE from 25 to 27 February 2021



MIV organized a guest lecture by Professor Shailendra Prasad Professor and Vice Chair for Education, Department of Family Medicine and Community Health, University of Minnesota on 29 September 2021.



MIV in collaboration with Kasturba Medical College, Manipal organized International Webinar on “World Hepatitis Day” on 28 July 2021 on the occasion of World Hepatitis Day.

MIV organized International Webinar on “World Zoonoses Day” on 6 July 2021 on the occasion of World Zoonoses Day.

**MANIPAL ACADEMY OF HIGHER EDUCATION**  
Institution of Eminence Declared by the University

**Manipal Institute of Virology (MIV), MAHE, Manipal cordially invites you to the INTERNATIONAL WEBINAR ON WORLD RABIES DAY 28<sup>th</sup> September 2021**

**Chief Guest:** Lt. Gen. (Dr.) M. D. Venkatesh, Vice Chancellor, Manipal Academy of Higher Education, Manipal

Welcome Address		Morning Session		Post lunch Session	
09:30 - 10:15 AM	Dr. Chintanay Mohit Kumbhakar, Director, Manipal Institute of Virology, Manipal, India	09:30 - 11:30 AM	Global Perspectives on Rabies	01:30 - 03:00 PM	Reflection with a Vision
10:15 - 10:30 AM	Dr. Sunil D. S. Venkatesh, Vice-Chancellor, Manipal Academy of Higher Education, Manipal, India	11:30 - 11:45 AM	Closed Meeting of Rabies Stakeholders	03:00 - 03:30 PM	Rabies - New Insights and Challenges
10:30 - 10:45 AM	Dr. Pooja Patel, Manager, Manipal Institute of Virology, Manipal, India	11:45 - 12:30 PM	Literature Updates of Rabies	03:30 - 04:15 PM	Rabies Vaccines
10:45 - 11:00 AM	Dr. Anshu K. Prasad, Manipal Institute of Virology, Manipal, India	12:30 - 1:00 PM	Prevention and Control of Rabies in India	04:15 - 05:00 PM	Rabies Vaccines - The QR experience

**Speakers:**  
 Dr. Benedicto Abate-Robles, Team Leader, Department for the Control of Neglected Zoonotic Diseases, WHO, Switzerland  
 Dr. Ashi Misra, Executive Physician, State of Kerala, Government of India and Training Coordinator, WHO Department of Global Health, Government Medical College, Lucknow, India  
 Dr. Anshu Pattnaik, Assistant Professor, Manipal Institute of Virology, Manipal, India  
 Dr. Rajesh H.S., Professor of Community Medicine, ICMR, Bangalore, India

**Speakers:**  
 Dr. Gaurav Singh, Executive and Technical Manager, Manipal Institute of Virology, Manipal, India  
 Dr. Anshu K. Prasad, Project Manager and Associate Director, Rabies, India  
 Dr. Anshu K. Prasad, Associate Professor, Manipal Institute of Virology, Manipal, India  
 Dr. Mahesh C. Reddy, Professor, Director and Internationality Center, Sri Sairam Institute of Technology, Uthiramerathi, Tamil Nadu, India  
 Dr. Ajay Kumar Tathian, Head, Sri. Central Research Institute, Mysore, India  
 Dr. Shreya Kulkarni, Officer in Special Duty, Central Research Institute, Kasauli, India

For free registration, Scan QR code or use link: <https://forms.office.com/r/ep1XD7huF>  
 e-certificate will be issued to registered participants only.  
 Email: [virology@manipal.edu](mailto:virology@manipal.edu); Contact: 08322922663

For Attending the webinar, Scan QR code or use link: <https://tinyurl.com/4nsbwev4>  
 Date: 28-09-2021, Time: 10:00 AM to 5:00 PM

MIV organized International Webinar on “World Rabies Day” on 28 September 2021 on the occasion of World Zoonoses Day.

## Centre for Integrative Medicine and Research (CIMR), Division of Yoga

Address: Division of Yoga I Floor, Dormitory Building Centre for Integrative Medicine and Research (CIMR) Manipal Academy of Higher Education (MAHE), Manipal -576104

Phone Number: 0820 2922101/2923286

Email-Office: yoga.kmc@manipal.edu

HOD Email: annapoorna.k@manipal.edu



Name of the HOD: **Dr Annapoorna K**

Established: **1980**

Details of Programs offered by the Institution:

- MSc Yoga therapy
- Certificate Course in Yoga

**About Institution/School:**

The Division of Yoga was started according to the vision and mission of Padma Shri Dr TMA Pai, the main architect of the worldwide famous Manipal Institutions. The Division of Yoga was established in January 1980 at Manipal Academy of Higher Education (MAHE), Manipal. To provide Yoga Therapy to the patients who are suffering from

various kinds of disorders along with all modern facilities of treatment available in the hospital. To provide regular yoga training to staff and students of MAHE and the public. To train the staff and students to develop skills in yoga therapy and research. It combines a philosophical approach with empirical research to lay the foundation of integrative medicine. The division started MSc in Yoga Therapy, from 1998 onwards. In 2015 it was named as Division of Yoga and it is working under the Centre for Integrative Medicine and Research (CIMR), MAHE, Manipal



### Details of Publications:

National		International	
Indexed	Non - Indexed	Indexed	Non - Indexed
6	00	6	00

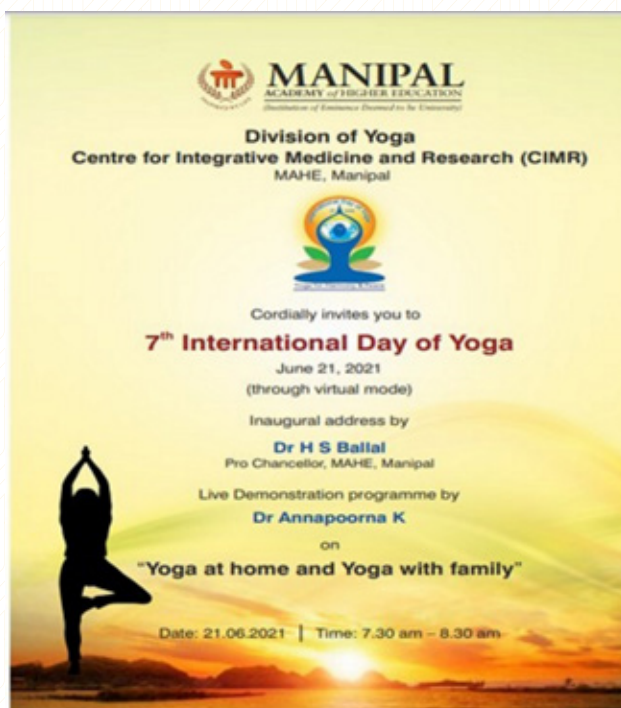
### Details of Conferences/Workshops conducted by the Institution:

Particulars	National	International
Seminar	2	00
Workshop	1	00
Other	1	00

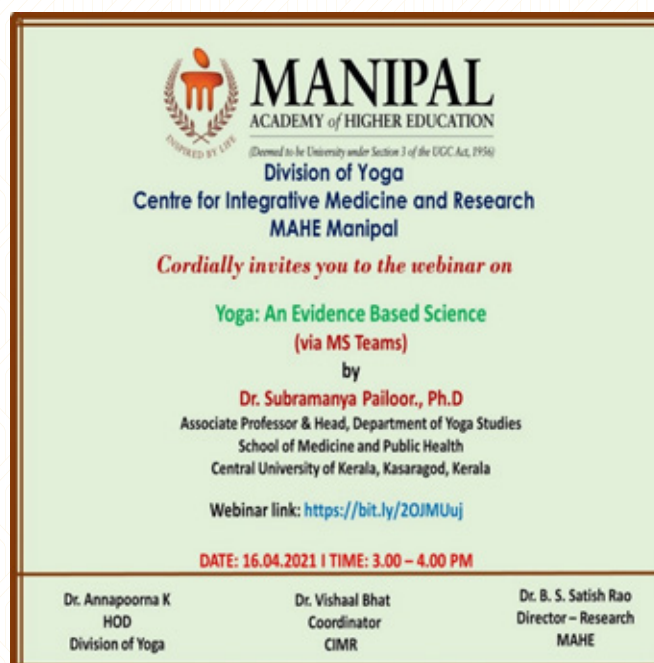
### Awards/Recognitions: Faculty Members

Sl. No.	Name	Details	Date
1	Dr G Govardhan Reddy	PhD	16 November 2021

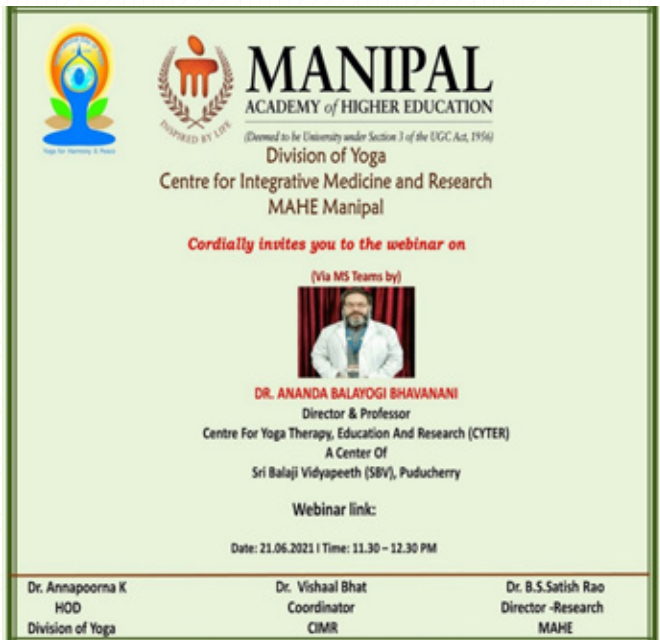
### Photo Archive of Important events



International Day of Yoga 2021 "Yoga at Home and Yoga with family"




Webinar on Yoga



**MANIPAL**  
ACADEMY of HIGHER EDUCATION  
(Deemed to be University under Section 3 of the UGC Act, 1956)  
Division of Yoga  
Centre for Integrative Medicine and Research  
MAHE Manipal

**Cordially invites you to the webinar on**  
(Via MS Teams by)



**DR. ANANDA BALAYOGI BHAVANANI**  
Director & Professor  
Centre for Yoga Therapy, Education And Research (CYTER)  
A Center Of  
Sri Balaji Vidyapeeth (SBV), Puducherry

**Webinar link:**  
Date: 21.06.2021 | Time: 11.30 – 12.30 PM

Dr. Annapoorna K HOD Division of Yoga	Dr. Vishaal Bhat Coordinator CIMR	Dr. B.S.Satish Rao Director -Research MAHE
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Webinar on Yoga



**MANIPAL**  
ACADEMY of HIGHER EDUCATION  
(Deemed to be University under Section 3 of the UGC Act, 1956)  
Division of Yoga  
Centre for Integrative Medicine and Research  
MAHE Manipal

**Yoga Photo Competition**

1. Take a photo of you doing Yoga in any asana.
2. Send it over to our email with name, phone no & age – [yoga.kmc@manipal.edu](mailto:yoga.kmc@manipal.edu)
3. Winners will get a e-certificate

Groups  
1. Best in age group 15 years and below.  
2. Best above age of 15 years.

**Last date to send your entry – June 15<sup>th</sup> 2021**

Yoga photo competition



**MANIPAL**  
ACADEMY of HIGHER EDUCATION  
(Deemed to be University under Section 3 of the UGC Act, 1956)  
Division of Yoga  
Centre for Integrative Medicine and Research  
MAHE Manipal

**We invite participants for the Essay competition**

**TOPIC: Role of Yoga in Covid-19 Pandemic**

Eligibility: The competition is open to the faculty, staff & students of MAHE

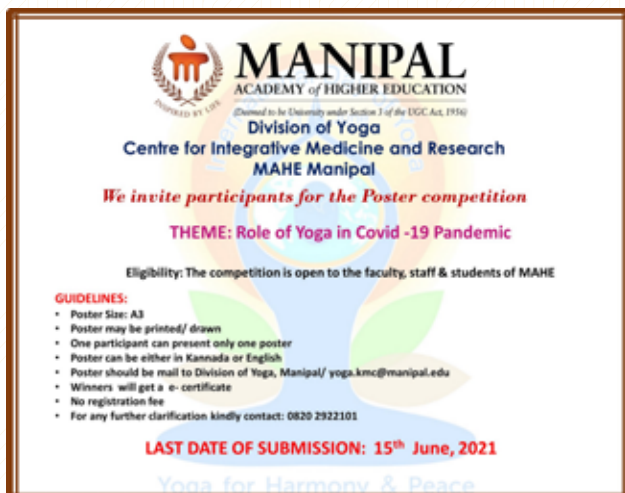
**GUIDELINES:**

- Participants should submit soft copy only (English/Kannada)
- The word limit for Essay is 1000 words excluding references
- Essay should be email to Division of Yoga/ [yoga.kmc@manipal.edu](mailto:yoga.kmc@manipal.edu)
- Winners will get a e-certificate
- No registration fee
- For any further clarification kindly contact: 0820 2922101

**LAST DATE OF SUBMISSION: 15<sup>th</sup> June, 2021**

Yoga for Harmony & Peace

Essay Competition



**MANIPAL**  
ACADEMY of HIGHER EDUCATION  
(Deemed to be University under Section 3 of the UGC Act, 1956)  
Division of Yoga  
Centre for Integrative Medicine and Research  
MAHE Manipal

**We invite participants for the Poster competition**

**THEME: Role of Yoga in Covid -19 Pandemic**

Eligibility: The competition is open to the faculty, staff & students of MAHE

**GUIDELINES:**

- Poster Size: A3
- Poster may be printed/ drawn
- One participant can present only one poster
- Poster can be either in Kannada or English
- Poster should be mail to Division of Yoga, Manipal/ [yoga.kmc@manipal.edu](mailto:yoga.kmc@manipal.edu)
- Winners will get a e-certificate
- No registration fee
- For any further clarification kindly contact: 0820 2922101

**LAST DATE OF SUBMISSION: 15<sup>th</sup> June, 2021**

Yoga for Harmony & Peace

Poster Competition



**MANIPAL**  
ACADEMY of HIGHER EDUCATION  
(Deemed to be University under Section 3 of the UGC Act, 1956)  
Division of Yoga  
Centre for Integrative Medicine and Research  
MAHE Manipal

**SUMMER YOGA TRAINING PROGRAMME**  
(14<sup>th</sup> June – 25<sup>th</sup> June)  
(Online Mode)

**Batches & Dates**  
Batch 1: 14<sup>th</sup> June – 18<sup>th</sup> June  
Batch 2: 21<sup>st</sup> June – 25<sup>th</sup> June

**Requirements**

- Loose dress
- Yoga mat/ cotton sheet
- Take food two hour before the session
- No restriction for liquid food

**Last date for registration**  
12 June, 2021

**Fees: Rs.300/ USD 30**  
Age Group: 5 – 15 years  
Timings: 5.30 PM to 6.30 PM  
Registration/Payment link:  
<https://tinyurl.com/y2a3872k>

**Contact: Dr. Lavya Shetty**  
Coordinator, Summer Yoga Training Programme 2021  
0820- 2922101  
9980185999  
[yoga.kmc@manipal.edu](mailto:yoga.kmc@manipal.edu)  
[lavya.shetty@manipal.edu](mailto:lavya.shetty@manipal.edu)

Organized by  
Division of Yoga, CIMR  
MAHE, Manipal

Summer yoga camp 2021

## Centre for Integrative Medicine and Research (CIMR), Division of Ayurveda

Address: Division of Ayurveda, CIMR Manipal - 576104

Phone Number: 0820 2922105

Email-Office: ayurveda.kmc@manipal.edu

HOD Email: basavaraj.h@manipal.edu



Name of the HOD: Dr Basavaraj S Hadapad

Established: 1982

Details of Programs offered by the Institution:

### Programs

#### Postgraduate Certificate Course in Panchakarma (PGCPK)

The PGCPK program which was started with an intention to provide Ayurvedic Practical knowledge to the BAMS/BSMS graduated students, now it is considered one of the best courses of such type. It boosts the confidence level of the students and prepares them aptly to practice Ayurvedic Panchakarma therapy.

This program aims to impart quality education in the field of Ayurveda to bridge the gap between theory and practical application of Panchakarma therapy in clinical practice. The current trend of Global health care demands evidence-based practice, and the program intends to offer the same, banking on the abundant documented clinical experience of the department. Thus, the program is a promising ray of quality education in the field of Ayurveda in a very short span of time.

The duration of the course is six months which includes four modules of theory with exclusive importance to practical sessions.

**Highlights of the Program:**

- Practical oriented and evidence-based learning.
- Audio-visuals, bedside clinical examination.
- Hands-on experience of Panchakarma procedures.
- Seminars, group study.
- Theoretical sessions, practical sessions, intellectual sessions.

Eligibility: BAMS/BSMS graduates who have completed one year of compulsory internship.

Commencement of the Class: The first week of March and September of every year

How to apply: Online admissions at [www.manipal.edu](http://www.manipal.edu)

Certificate Course in Panchakarma Technician and Massage Therapist:

Panchakarma Technician and Massage Therapist course: Training in a complete range of Ayurvedic therapies including all Panchakarma therapies. The students who passed this training have been well placed in renowned hospitals in India and abroad.

Duration of the program: 1 Year/ Regular

Eligibility criteria for admission: Minimum 10+2

Commencement of the Class: The first week of January and July of every year

How to apply: Online admissions at [www.manipal.edu](http://www.manipal.edu)

Certificate Course in Basic Ayurvedic Wellness

Certificate Course in Ayurvedic Dietetics

Certificate Course - Introductory course in Ayurvedic Integrative Medicine

**About Institution/School:**

The Division of Ayurveda which has been an incredible part of the esteemed Manipal Academy of Higher Education (MAHE) since 1982, proposes and performs to provide value-based authentic Ayurveda treatment to the general public. The Division of Ayurveda has been an integral part of the CIMR since 2015 and has a wide stream of patients, referrals from other departments, and collaborations with various National and International Institutions as it incorporates updates on technical and investigative means. The numerous research activities, undertaken have established the wisdom of Ayurveda and opened up new horizons in the field. The seminars, CME programs, and workshops have always set an example for others. Learning has always been a pleasure here.

**Details of Guest Visit (lectures, collaboration, visitors on campus)**

**Guest Lectures:**

Sl. No.	Visitor	Name of the Organization	Purpose of Visit	Date of Visit
1	First-year MSc Students (18 number of Student)	Manipal College of Nursing, MAHE	Educational Visit	2 August 2021

**Details of Publications:**

National		International	
Indexed	Non - Indexed	Indexed	Non - Indexed
2	0	1	0

# MANIPAL TATA MEDICAL COLLEGE

Address: Kadani Road, Baridih, Jamshedpur, Jharkhand 831017

Phone Number: 06567-2211122

Email-Office: dean.mtmc@manipal.edu

HOD Email: Baliga.poornima@manipal.edu



Name of the HOD: **Dr Poornima Baliga B**

Established: **2019**

## Details of Programs offered by the Institution:

1. MBBS-Bachelor of Medicine and Bachelor of Surgery
2. BSc Cardiovascular Technology
3. BSc Exercise and Sports Sciences
4. BSc Health Information Management
5. BSc Medical Imaging Technology
6. BSc Medical Laboratory Technology
7. BSc Renal Replacement Therapy and Dialysis Technology
8. Bachelor of Optometry

## About Institution:

Manipal Tata Medical College (MTMC) at Baridih, Jamshedpur, in the East Singhbhum District of Jharkhand, is a premium institution for medical education and training under a consortium initiative between Tata Steel and MAHE, Manipal. MAHE, Manipal has been formally recognised as an Institution of Eminence (IOE) by the Ministry of Education (MOE), Government of India via the signing of a Memorandum of Understanding (MOU) in October 2020.

With only three medical colleges in Jharkhand, the establishment of MTMC will help augment the availability of trained doctors, improve healthcare facilities, and thereby contribute to the well-being of the local populace. This initiative will also contribute to the increase in medical seats for aspirants for medical education in the State.

Under this consortium initiative, MAHE, Manipal has created the necessary infrastructure for a medical college at Ardeshir Dalal Memorial Hospital (ADMH) Campus in Baridih, spread over 24 acres of land. A total of 150 seats will be made available for MBBS students annually and the Tata Main Hospital (TMH), Jamshedpur, is the attached teaching hospital of MTMC Jamshedpur.

This consortium is the first private-private partnership in the country that has been created in accordance with the Amendment Gazette Notification No. MCI-34(41)/2019-Med/112859, dated 14 May 2019, by the Medical Council of India (MCI). The Ministry of Health and Family Welfare (MOHFW), GOI and the Medical Council of India (MCI) have taken this initiative with the objective to enhance greater participation of the private sector to increase the number of medical colleges in the country to meet the shortfall of doctors and thereby augment the healthcare sector without compromising the standards of medical education.



#### Publication details

National		International	
Indexed	Non - Indexed	Indexed	Non - Indexed
4	1	6	0


#### Conference attended by Institution faculty and students

Faculty		Student	
National	International	National	International
23	0	0	0

#### Books/Chapter authored by faculty members


Sl. No.	Name of the Book	Chapter(s) name (if authored, chapters only)	Faculty members	Publisher	Date
1.	Textbook of emergency medicine including intensive care and trauma	Chapter 28	Nawin Kumar, Associate Professor, General Surgery	Jaypee Brothers Medical Publishers	
					
2.	Strategies for fostering critical thinking skills in medical schools		Shruti P Hegde, Professor, Ophthalmology	Lambert Academic publishers	
					

Sl. No.	Name of the Book	Chapter(s) name (if authored, chapters only)	Faculty members	Publisher	Date
3.	Technology Enhanced Learning Approach to Medical Ethics and Communication Skills		Shruti P Hegde, Professor, Ophthalmology	Educreation Publications	



### Details of Research Grant

Sl. No.	Project Name	Principal Investigator	Funding Agencies	Total Grants Received (INR)	Date(s)
1.	Verification of Sub-national claims for progress towards TB free status in India, 2020 for Seraikela-Kharsawan district	Dr Ratnesh Sinha	ICMR-NIE	4,88,000/-	January 2021 to March 2021




### Awards and Recognition

Sl. No.	Name	Details	Date
1.	Dr Absar Ahmad	Secured second place in the National e-poster competition at the 2nd National Conference of Epidemiology Foundation of India, organized by Community medicine and Family Medicine and School of Public Health, All India Institute of Medical Sciences, Jodhpur	29 to 30 October 2021
2.	Dr Absar Ahmad	Delivered online lecture on Steps in Analysis of Data in research on two days' workshop on Research Methodology organized by AKI's Poona College of Arts, Science and Commerce (Affiliated to Savitribai Phule Pune University, India)	30 May 2021 to 31 May 2021
3.	Dr Ratnesh Sinha	Received a Certificate of Appreciation for duty in COVID-19 designated hospital during the pandemic, from the Government of Jharkhand (India) in 2021	20 <sup>th</sup> April – 5 <sup>th</sup> May
4.	Dr Ratnesh Sinha	1. Certificate of Appreciation for conducting a Health Camp in the State of Jharkhand by the All India Professionals Congress, Jharkhand in 2021 2. State Coordinator for Jharkhand for the multicentric project "Sub-National TB Free Claim 2020" in coordination with Central TB Division (CTD), WHO, ICMR and IAPSM in the year 2021. 3. District Coordinator for Seraikela Kharsawan for the multicentric project "Sub-National TB Free Claim 2020" in coordination with CTD, WHO, ICMR and IAPSM in the year 2021.	10 September -2021

Sl. No.	Name	Details	Date
		3. National Orientation and Training of Trainers on Maternal Perinatal and Child Death Surveillance Response Software organized by Ministry of Health and Family Welfare, Government of India on 29 and 30 October 2021.	
		4. National Training on Training in Guidelines for PMDT in India – 2021 organized by STDC, Jharkhand from 23 to 25 August 2021.	
		5. National Training on Training in Guidelines for PMTPT in India – 2021 organized by STDC, Jharkhand from 26 to 27 August 2021.	
		6. Resource Person for Maternal Perinatal and Child Death Surveillance Response Software training for 24 districts of Jharkhand on 7 December 2021.	
		7. Resource Person for Sensitization Program for Adult Pulmonary TB as per recent NTEP guidelines for MTMC Faculties, Jamshedpur on 24 March 2021	
5.	Dr Sachin Patil	Chaired a session on the topic “Role of clinical pharmacist in the management of medication in the hospital” at the International e-faculty development program on “Emerging trends and challenges in pharmaceutical sciences and healthcare 2.0” organized by the Nehru College of Pharmacy, Kerala.	

### Cultural Activities (Outside University)

Sl. No.	Event	Details	Date
1.	Shruti P Hegde 	Took part in Mother’s Day dance and cooking competitions hosted by Little Flower school.	2 <sup>nd</sup> May 2021

### Sports (Outside University)

Sl. No.	Name	Event	Details	Date
1	Absar Ahmad	Virtually completed Ahmedabad Half marathon		20 to 28 November 2021
2	Absar Ahmad	Completed Hyderabad Marathon		19 December 2021
3	Absar Ahmad	Virtually - Completed Vijayawada Half Marathon		14 <sup>th</sup> November 2021
4	Absar Ahmad	Completed 50 Kms in the Tata Ultra Confidence Run		18 to 24 October 2021





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# Faculty of Technology and Management

# Manipal Institute of Technology

Address: Manipal Institute of Technology, Manipal

Phone Number: 0820-2925522

Email-Office: office.mit@manipal.edu    Director Email: director.mit@manipal.edu



Name of the Director: **Cdr Dr Anil Rana**

Established: **1957**

## Details of Programs offered by the Institution:

### Undergraduate – BTech

1. Aeronautical Engineering
2. Automobile Engineering
3. Biomedical Engineering
4. Biotechnology
5. Chemical Engineering
6. Civil Engineering
7. Computer and Communication Engineering
8. Computer Science and Engineering
9. Computer Science and Engineering (Artificial Intelligence and Machine Learning)
10. Data Science and Engineering
11. Electrical and Electronics Engineering
12. Electronics and Communication Engineering
13. Electronics and Instrumentation Engineering
14. Industrial and Production Engineering
15. Information Technology

16. Mechanical Engineering
17. Mechatronics
18. Media Technology

### Postgraduate – MTech and MCA

1. Aerospace Engineering
2. Automobile Engineering
3. Biomedical Engineering
4. Chemical Engineering
5. Computer-Aided Analysis and Design
6. Computer Networking and Engineering
7. Computer Science and Engineering
8. Computer Science and Information Security
9. Construction Engineering and Management
10. Control Systems
11. Digital Electronics and Communication Engineering
12. Energy Systems and Management
13. Engineering Management
14. Environmental Engineering
15. Industrial Automation and Robotics
16. Industrial Biotechnology
17. Manufacturing Engineering
18. Microelectronics
19. Power Electronics and Drives
20. Software Engineering
21. Structural Engineering
22. Thermal Sciences and Energy Systems
23. Tribology and Maintenance
24. Printing and Media Technology
25. Master of Computer Applications
26. Avionics
27. Defence Technology

### About Institution/School:

Manipal Institute of Technology (MIT), Manipal was established in the year 1957 as one of the first pioneering self-financing engineering

### Institutional Activities/Curricular Activities

#### New Initiatives:

Sl. No.	Activity	Particulars	Date(s)
<b>Aeronautical and Automobile Engineering</b>			
1	MTech-Defence Technology	Master of Technology (2 years) (Launched new program in association with DRDO)	1 July 2021

colleges in the country. In the year 2000, it became a constituent unit of the Deemed University–Manipal Academy of Higher Education (MAHE). With an annual student intake of about 2,971 and 9,294 students on the rolls currently, over 655 faculty members, over 1,000 support staff, and over 51,879 alumni, the Institute provides the right ambience and platform for the student's all-round development. It has the requisite student to teacher ratio of 12:1. MIT has 18 undergraduate programs, 27 Master's Programs and Doctoral programs in all streams of Engineering, Science, Humanities and Management under 18 different departments. A total of 14 undergraduate programs at MIT are accredited by the National Board of Accreditation (NBA). To promote innovation, incubation and entrepreneurship, Institute is equipped with Idea Cafe, Innovation Center, Central Instrumentation Facility (CIF), Manipal Universal Technology Business Incubator (MUTBI) and Bio incubator as a stand-alone facility. The institute undertakes sponsored research programs supported by funding agencies such as DST, CSIR, AICTE and the Ministry of Environmental Sciences. MIT has collaborative research programs in association with premier research laboratories and institutes in India and abroad. The Institute is proud to have produced several top-notch industry leaders such as Mr Peter George (Managing Director, Amazon Payment Services, Dubai), Mr Vinod Eswaran, (MD and CEO Jio Payments Bank), Mr Veejay Nakra (Chief Executive Officer at Mahindra and Mahindra Limited, Automotive Sector), Mr Ajay Sevekari (Managing Director at Bridgestone India Automotive Products Pvt Ltd, Pune) and many more.

**All other activities in the department relating to the program/course:**

Sl. No.	Activity	Particulars	Date(s)
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**Electronics and Communication Engineering**

1	Curriculum Conclave	BTech Curriculum Conclave -Electrical Sciences-preliminary sessions for curriculum revision.	21 October 2021
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**Instrumentation and Control Engineering**

1	MOU signed between IITB and MAHE initiated by Dr Kapil Sadani	Testing efficacy of the copper-based solution developed at IITB for antiviral effect on surfaces and its general toxicity	1 February 2021 to 1 February 2023
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**Details of Guest Visit (lectures, collaboration, visitors on campus)**

**Guest Lectures:**

Sl. No.	Visitor	Name of the Organization	Purpose of Visit	Date of Visit
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**Biomedical Engineering**

1	Nishtha Bhan, Solutions Engineer	Florence Healthcare	2014 - 2018 Batch UG Student - Gave Online webinar on the topic "It's all BME: The scope of Biomedical Engineering and Higher Education in the USA"	6 April 2021
2	Mallika Singh, Graduate Researcher	John Hopkins University.	2014 - 2018 Batch UG Student - Gave Online webinar on the topic "It's all BME: The scope of Biomedical Engineering and Higher Education in the USA"	6 April 2021
3	Spandana Chintapalli, Data Scientist II	Biogen	2014 - 2018 Batch UG Student - Gave Online webinar on the topic "It's all BME: The scope of Biomedical Engineering and Higher Education in the USA"	6 April 2021
4	Samyukta Rangachari	Regulatory Affairs Specialist, Penumbra	2014 - 2018 Batch UG Student - Gave Online webinar on the topic "It's all BME: The scope of Biomedical Engineering & Higher Education in the USA"	6 April 2021
5	Ms Shruti Lall, Behavioural Skills Trainer and Confidence Coach	Indian Academy of Training & Development, Gurgaon, Haryana, INDIA	2015-2017 Batch PG student, delivered an online Webinar on the topic: "Bid Adieu to Exam Anxiety"	5 June 2021
6	Mr Shivakumar Hosangadi, Director, MR Software	GE Healthcare	Workshop on Advances in Medical Informatics to tailor the recent developments in the domain of medical informatics, especially	16 August 2021



Sl. No.	Visitor	Name of the Organization	Purpose of Visit	Date of Visit
			focusing on industry perspective - gave an insight on "Healthtech product management practices and trends"	
7	Dr Harikrishna Rai, Technical Product Manager	GE Healthcare	Workshop on Advances in Medical Informatics -Delivered a lecture on "Contextual feature extraction techniques to enable Evidence-Based Medicine"	17 August 2021
8	Mr Srinivasa Rao K, Senior Data Scientist	Philips, Bangalore	Workshop on Advances in Medical Informatics -had a session on "uses of AI in Healthcare"	18 August 2021
9	Mr Amith Kamath and Dr Spandhana	Gonuguntla, Mathworks India Mathworks India	Workshop on Advances in Medical Informatics - delivered a lecture on Deep Learning for 1D/2D medical data.	19 August 2021 to 20 August 2021
10	Mr Vijay Kumar P	Principal Engineer, Medtronic (2014 - Present), Lead System Designer, GE Healthcare (2010 - 2014)	Medical Device Development - Design for safety organised by IEEE EMBS Student Chapter Manipal In Association with the Department of Biomedical Engineering, MIT and Manipal School of Information Sciences, MAHE	11 September 2021
11	Anubha Mehra	Business and Strategy Lead, Next Big Innovation Labs	3D Bioprinting, its Applications, and Career Prospects	24 September 2021
12	Ankita Gupta, Bioprinting Engineer	Next Big Innovation Labs	3D Bioprinting, its Applications, and Career Prospects	24 September 2021
13	Dr S Ravishankar, Founder and Director	GrayCells Health Technologies, LLP, Bangalore	A new Election Method for Co-located Distributed System with Applications to Wearable Devices	29 September 2021
14	Dr Tanushree Sharma, Assistant Professor, Department of Electrical Engineering	VJTI Mumbai	Delivered lecture on Fundamentals of the ECG and EEG	30 October 2021
15	Mr Raghudathesh GP, Assistant Professor	MSOIS, MAHE Manipal	A Biomedical Engineering and Instrumentation Workshop - delivered a lecture on IoT Applications in Healthcare	30 October 2021



Sl. No.	Visitor	Name of the Organization	Purpose of Visit	Date of Visit
<b>Chemical Engineering</b>				
1	Ms Navjot Kaur	IISc Bangalore	Guest lecture	5 March 2021
2	Dr P Kumar	Reader, Cranfield University, UK	Guest lecture	19 August 2021
3	Dr S Manjappa	Director R&C, SCEM	Guest lecture	28 August 2021
4	Mr Sunil Bawane 	President- Manufacturing (API) Amoli Organics, Vadodara, Gujarat, India.	Guest lecture	9 September 2021
<b>Computer Science and Engineering</b>				
1	Dr Nenad Medvidovic	University of Southern California	Guest Lecture as part of USC Viterbi Spotlight Lecture Series	22 September 2021
2	Ms Sandhya. R 	Gravitas AI	Training session on "Introduction to Ethical Hacking" as part of National Cybersecurity Awareness month	30 October 2021
<b>Electrical and Electronics Engineering</b>				
1	Mr Akshay Kinhal, Senior Engineer and Energy Analyst	Robert Bosch Engineering and Business Solutions, Bengaluru	Virtual Mode Guest Lecture	29 October 2021
2	Ms Shiksha, PhD Scholar 	Liverpool John Moores University, UK	Virtual Mode Guest Lecture	13 November 2021
<b>Electronics and Communication Engineering</b>				
1	Himanshu Rawal 	Ansys Bangalore	Guest lecture	30 Jan 2021
<b>Information and Communication Technology</b>				
1	Dr Sreekrishnan Venkiteswaran, Mr Gautam Bhat, Mr Anantha Balasubramanian, Mr Rajneesh Rai, Mr Senthilkumar Vimalraj, Ms Nalini	IBM India	ping 2.0.2.1 workshop is "DevOps to NoOps An Enterprise viewpoint".	26 March 2021 to 27 March 2021


Sl. No.	Visitor	Name of the Organization	Purpose of Visit	Date of Visit
	M and Mr Kiran Puthukudy			
2	Krithika H J	Western digital, Bangalore	Guest Lecture on Career guidance	12 April 2021
3	Ms Kavya Srinet	Facebook AI Research	Guest lecture on Artificial Intelligence: State of the art and what's next?	17 April 2021
4	Mr Preben Mogensen, Ms Cinzia Sartori and Mr Salil Agarwal	Nokia Bangalore	"Emerging Tech Talk Webinars 2021"	22 April 2021 to 23 April 2021
5	Mr Arun Gopinath and Mr Satish K	Nokia Bangalore	"Emerging Tech Talk Webinars 2021"	29 April 2021 to 30 April 2021
6	Mr Praneet Jain	Flipkart	Guest Lecture on "Demystifying MBA and career in consulting"	1 May 2021
7	Mr Shree Parthasarathy	Cyber and Technology Services	Career guidance talk on the topic "Evolving landscape and how students need to position themselves"	11 May 2021
8	Ms Ananya Gupta	Microsoft	Guest Lecture on Career guidance	1 August 2021
9	Mr Vansh Sodhi	Cisco	Talk on Roadmap to placement success	24 September 2021
10	Ritesh Phogat	IBM Bangalore	Technical talk on DevOps: An Enterprise Viewpoint	25 September 2021
11	Jiten Palaparathi	HackerEarth	Workshop titled "Code to Cloud"	29 September 2021
12	Dr Mani Madhukar	IBM Research, Bangalore	Technical talk on "Blockchain Technology"	18 November 2021
13	Mr Akshat Tulsani	Cardinal Health, India an Alumnus	Guest talk on "Distributed Systems: How to prepare for upcoming opportunities in the Software Development world".	25 November 2021
14	Mr Gautam Bhat	Deutsche Bank.	Technical Talk on " A glimpse of Cloud Migration Factory - An Enterprise view"	29 November 2021



#### Mechanical and Manufacturing Engineering


1	Mr Amit Kapur, Director	Everest Group and Mrs Ameeta Nehra, Lead, Corporate Communications and PR, Everest Turbo New Delhi.	R & D Collaboration between MIT and Everest Blowers, New Delhi	8 October 2021
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Sl. No.	Visitor	Name of the Organization	Purpose of Visit	Date of Visit
2	Dr Santosh S. Patil, Associate Professor, Department of Mechanical Engineering and Deputy Director Directorate of International Collaborations (DoIC)	Manipal University Jaipur	Online Webinar on International Study Opportunities and Pathways at a Glance (iSOPs at a Glance)	4 December 2021




### Mechatronics Engineering

1	Bharath Basti Shenoy	Michigan University	Guest lecture	13 May 2021
2	Dr Rajshekhar Uchil	International Society of Automation (ISA) Bengaluru	Guest lecture	3 June 2021
3	Dr Y Shrihari Upadhyaya	MUTBI, Manipal	Guest lecture	11 June 2021
4	Dr Sanjoy Mukherjee	IIM Shillong	Guest lecture	17 June 2021
5	Vijay Varda	Fracktal works	Guest lecture	21 June 2021
6	Dr Hithesh Kumar Gatty	"KTH Royal Institute of Technology, Stockholm"	Guest lecture	22 November 2021
7	Prashanth Ram Kurumbudel	Elektrobit India Private Limited	Guest lecture	30 November 2021



### Printing and Media Engineering

1	Mahesh H O	ESKO	Guest Lecture - Online	12 March 2021
2	Mr Ravi Shankar L Co-Founder	Shravi Creative Services, Hyderabad.	Guest Lecture - Online	2 December 2021
3	Dr P Ravindranath	Rho Consulting Pvt Ltd.	Guest Lecture - Online	07 December 2021





**Details of Publications:**

National		International	
Indexed	Non - Indexed	Indexed	Non - Indexed
0	0	875	44

**Conferences attended by Institution faculty and students:**

Faculty		Student	
National	International	National	International
78	11	44	0

**Details of Conferences/Workshops conducted by the Institution:**


Particulars	National	International
CME/CDE	0	0
Conference	5	6
Workshop	14	0
Seminar	21	1
Other	4	0

**Books/chapters authored by faculty members:**

Sl. No.	Name of the Book	Chapter(s) name (if authored, chapters only)	Faculty members	Publisher	Date
<b>Civil Engineering</b>					
1	Microplastic pollution	Current State of Microplastics Research in SAARC Countries—A Review and Microplastics in Dentistry—A Review	Mr Vishnu Unnikrishnan and Dr Anish Kumar Warriar	Springer	1 March 2021
2	Sustainability Trends and Challenges in Civil Engineering	Studies on the Effect of Frequency Content of Earthquakes on Structures with Infill	Mr Avinash A R, Dr Krishnamoorthy and Dr Kiran Kamath	Springer	1 September 2021
3	Sustainability Trends and Challenges in Civil Engineering - Select Proceedings of CTCS 2020	Soil-Structure Interaction Analysis of Tanks Filled with Fluid Subjected to Near Fault Earthquakes	Ms Chaithra M and Dr Krishnamoorthy	Springer Science and Business Media Deutschland GmbH	1 September 2021


Sl. No.	Name of the Book	Chapter(s) name (if authored, chapters only)	Faculty members	Publisher	Date
4	Importance of the Geochemistry of Northern Indian Ocean Sediments for Assessing the Quaternary Climate Change and Future Directions 	Importance of the Geochemistry of Northern Indian Ocean Sediments for Assessing the Quaternary Climate Change and Future Directions	Dr Balakrishna K	Taylor and Francis	1 May 2021
5	Seismic Hazards and Risk	Seismic Performance Assessment of Reinforced Concrete Building with Precast Shear Wall	Mr Ravindranatha	Springer	1 September 2021
6	Sustainability Trends and Challenges in Civil Engineering 	"Stability Analysis of Embankments on Soft Consolidating Layered Foundation Soil"	Dr Radhika Bhandary P, Dr Krishnamoorthy and Dr Asha Udaya Rao	Springer	1 September 2021
<b>Electrical and Electronics Engineering</b>					
1	Lecture Notes in Electrical Engineering	Advances in Renewable Energy and Electric Vehicles	Ciji Pearl Kurian	Springer Nature	21 August 2021
2	Lecture Notes in Electrical Engineering	Lecture Notes in Electrical Engineering	Ciji Pearl Kurian	Springer Nature	21 August 2021
3	Computer Networks and Inventive Communication Technologies	"Optimal Phasor Measurement Units Placement in Radial Distribution Networks Using Integer Linear Programming"	Swathi Tangi	Springer, Singapore	3 June 2021

Sl. No.	Name of the Book	Chapter(s) name (if authored, chapters only)	Faculty members	Publisher	Date
4	Control of Standalone Microgrid	Control of Standalone Microgrid	Piyush Jha, Nipun Sharma, Vinay Kumar Jadoun, Anshul Agarwal, Anuradha Tomar	Academic Press	9 July 2021
5	Advances in Energy Technology	NA	Ramesh C. Bansal, Anshul Agarwal, Vinay Kumar Jadoun	Springer	28 July 2021
6	Cognitive Informatics and Soft Computing	----	Dr R Srividya	Springer	2 July 2021




#### Electronics and Communication Engineering


1	Advances in Communication Devices and Communication	Hand Gesture Recognition Using Convex HullBased Approach	Dr Ramya S	Springer Singapore	1 August 2021
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#### Humanities and Management

1	"Contours of India-EU Engagements Multiplicity of Experiences"	Challenges of Familiarity: Nuances of Perceptions in India -Europe Cultural Engagements	Dr Praveen K Shetty	Manipal Universal Press	1 April 2021
2	"Contours of India-EU Engagements Multiplicity of Experiences"	Europe, Christendom and its Encounter in India: The Missionary Experiences in Karnataka	Ms Sharal T Correa	Manipal Universal Press	1 May 2021




Sl. No.	Name of the Book	Chapter(s) name (if authored, chapters only)	Faculty members	Publisher	Date
<b>Instrumentation and Control Engineering</b>					
1	Lecture notes in Electrical Engineering	Response Control of Wind-Excited Outrigger Structural System	Dr Vidya S Rao	Springer nature	1 March 2021
2	Lecture notes in Electrical Engineering	"Automotive Dead Reckoning- Implementation of Fusion Algorithm on Raspberry Pi "	Dr Shreesha	Springer nature	1 March 2021
3	Lecture notes in Electrical Engineering	"Design and Simulation of a Sliding Mode-Based Control Design for a Quadrotor UAV"	Dr I T Arasu	Springer nature	1 March 2021
					

### Mechanical and Manufacturing Engineering


1	Impact Studies of Composite Materials, Science and Technology	Book chapter titled "Experimental Analysis of High Velocity Impact Properties of Composite Materials for Ballistic Applications"	Mr Suhas Y Nayak, Assistant Professor (Senior Scale), Rashmi Samanth, graduate in Mechanical Engineering from the class of 2020	Springer Nature Pte Ltd	1 May 2021
2	Impact Studies of Composite Materials, Science and Technology	Book chapter titled "Numerical Approach to Evaluate Failure of Composites Under Ballistic Impact"	Mr Suhas Y Nayak, Assistant Professor (Senior Scale), Rajath Shenoy K, graduate in Mechanical Engineering from the class of 2020	Springer Nature Pte Ltd	1 May 2021
3	"Advances in Fluid Dynamics" - Lecture Notes in Mechanical Engineering	Book chapter titled "Studies on the Load Carrying Capacity of a Multi-Pad Adjustable Bearing Under Misaligned Conditions"	Dr Raghuvir Pai B, Dr D. Srikanth Rao (Professors) and Dr Girish H.,	Springer Gabler, ISSN (Print) 2195-4356, DOI: <a href="https://doi.org/10.1007/978-981-15-4308-1_22">https://doi.org/10.1007/978-981-15-4308-1_22</a>	1 June 2021

Sl. No.	Name of the Book	Chapter(s) name (if authored, chapters only)	Faculty members	Publisher	Date
4	"Boundary Integral Equation Method for 3D Linear Elastostatics - An Introduction"	NA	Dr Kirana Kumara P., Assistant Professor-Senior Scale	Mahi Publication, 1st Ed. ISBN: 978-93-91556-84-6	1 December 2021



### Mechatronics Engineering


1	Smart Sensors and Instrumentation	Classification of Measurements Defects in Bushes and Using Deep Learning Approaches	Asha C S	Springer	11 May 2021
2	Information Systems and Management Science	Optimizing Fused Deposition Modelling Process Parameters Using Metaheuristic Machine Learning Algorithms	D A P Prabhakar	Springer	5 September 2021



### Details of Research Grants:

Sl. No.	Project Name	Principal Investigator	Funding Agencies	Total Grants Received (INR)	Date(s)
<b>Aeronautical and Automobile Engineering</b>					
1	Fatigue Life analysis and study of slurry erosion behaviour of quasi-isotropic carbon fibre reinforced composites under the influence of marine environment	Dr Dayananda K	Naval Research Board (NRB)	4,95,000/-	2 November 2019 to 2 October 2022

Sl. No.	Project Name	Principal Investigator	Funding Agencies	Total Grants Received (INR)	Date(s)
2	Active and Passive Cooling of Lithium-Ion Battery of an Electric Vehicle	Dr Pramod Salunkhe	MAHE Seed Money	19,760/-	1 October 2021 to 1 September 2023



### Biomedical Engineering

1	Designing of a prototype to monitor Parkinson's disease in elderly people by gait analysis using piezoresistive nanocomposites and machine learning techniques	Dr Pramod K, Assistant Professor	DST	32,98,892/-	13 November 2018 to 12 November 2021
2	Design and development of performance models of biological systems used for the physical rehabilitation of afflicted people	Dr K S Sivanandan	Intramural by MAHE	3,00,000/-	20 August 2020 to 20 August 2023
3	Dynamically Tunable Hydrogels for Modulating cell behaviour	Dr Mathew Peter	Intramural by MAHE	4,45,000/-	19 July 2021 to 19 July 2024



### Biotechnology

1	Drop and Detect: Distance-based assay for	Dr Naresh Kumar Mani	DST - SERB	25,30,000/-	1 January 2021 to 1 January 2023
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Sl. No.	Project Name	Principal Investigator	Funding Agencies	Total Grants Received (INR)	Date(s)
2	Candida albicans using Paper-based Microfluidic devices and Isothermal Amplification Inhibition Dna Encapsidation Herpes Simplex Virus	Mrs Archana M Rao	MACID	2,00,000/-	1 April 2021 to 31 March 2022
3	Development of Novel and Potential Neuraminidase (NA) Inhibitors against H1N1 Influenza Virus through In Silico and In Vitro Studies	Dr Fayaz	MACID	2,00,000/-	1 April 2021 to 31 March 2022
4	Modulating Inflammation by Photochemical Approach - Implications in Delayed Wound Repair	Dr Vijendra Prabhu	ICMR	29,15,060/-	1 September 2021 to 31 August 2024
5	Optimization of thermostable GH5 enzyme production from microorganism for food applications	Dr Kannan	MAHE Seed Grant	50,000/-	1 October 2021 to 30 September 2023



### Chemical Engineering

1	Photocatalytic conversion of carbon dioxide to methanol using ZIF-8/BiVO <sub>4</sub> /GO	Dr S Shanmuga Priya	Vision Group of Science and Technology (VGST), Department of Science and	3,00,000/-	20 January 2021 to 20 January 2022
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Sl. No.	Project Name	Principal Investigator	Funding Agencies	Total Grants Received (INR)	Date(s)
	and rGO/CuO nanocomposites as an adsorbent material		Technology (DST)		
2	Improvement of Sustainable Biogas Energy Production by use of Additives, Co-Digestion and Dilution	Dr Gautham Jeppu	KSCST	7,500/-	1 February 2021 to 30 June 2021
3	Modular Design Water Filtration System	Dr Gautham Jeppu	KSCST	6,500	1 February 2021 to 30 June 2021



#### Civil Engineering

1	Network project	Dr K Balakrishna	Ministry of Earth Sciences	25,80,400/-	28 March 2019 to 31 March 2022
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#### Electrical and Electronics Engineering



1	Spectrally Tunable LED luminaire for improving system energy efficiency, comfort and health of occupants	Dr Ciji Pearl Kurian	AICTE	18,23,529/-	15 December 2020 to 15 December 2023
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#### Electronics and Communication Engineering

1	"Tele-based speech therapy for children with language disabilities	Dr Ramya S	IEEE Humanitarian Activities Committee (HAC) and IEEE Special Interest Group on	3,00,000/-	15 November 2021 to 15 May 2022
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Sl. No.	Project Name	Principal Investigator	Funding Agencies	Total Grants Received (INR)	Date(s)
2	during COVID-19 pandemic" "Bayesian approach to solve the Inverse Problem of the Human heart from Magnetocardiography"	Dr Anitha H	Humanitarian Technology (SIGHT) SERB	10,00,000/-	31 August 2021 to 30 August 2024
3	Development of MEG-MRI coregistration tool with automatic landmarks detection for the magnetic source imaging"	Dr Anitha H	ICMR	12,00,000/-	15 December 2021 to 14 December 2024
					
<b>Humanities and Management</b>					
1	A study on innovation performance of Technology incubation centres located across technical institutes of Karnataka	Dr K V Sriram	Department of Science and Technology (DST)	5,00,000/-	1 January 2021 to 31 December 2021
					
<b>Information and Communication Technology</b>					
1	Mobile Based Application to Achieve Automated Calculation of Body Mass Index and	Dr Krishna Prakasha	Google Cloud	5,13,000/-	12 November 2020 to 12 November 2022

Sl. No.	Project Name	Principal Investigator	Funding Agencies	Total Grants Received (INR)	Date(s)
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Classification of Patients into Different Weight Categories Using AutoML Video Intelligence and XGBoost Algorithm.

2	Effectiveness of a mother-mediated occupational therapy early intervention program with mobile-enabled adherence strategies to support mother's self-efficacy and infant development	Dr Balachandra	ICMR	32,04,616/-	19 March 2021 to 18 March 2024
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### Instrumentation and Control Engineering

1	Synthesis and evaluation of antiviral action of copper nanoparticle formulations with pathogenic viruses	Dr Kapil Sadani	IIT B	3,22,000/-	6 October 2021 to 6 October 2023
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Sl. No.	Project Name	Principal Investigator	Funding Agencies	Total Grants Received (INR)	Date(s)
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#### Mechanical and Manufacturing Engineering

1	“Design and Development of Selective Catalytic Reduction Modules for NOx Reduction from Compression Ignition Engines”	Dr Dinesha P, Associate Professor	VGST grant from the Government of Karnataka	3,00,000/-	1 February 2021 to 31 January 2022
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#### Printing and Media Engineering

1	Synthesis of Cu nano-particles and Metal complex based conductive Ink for Application in Flexible PCBs, Flexible Sensors and Flexible Super-capacitor	Dr Selva Kumar M MAHE and Mr Ramakrishna Nayak		50,000/-	1 January 2020 to 31 December 2021
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#### Physics

1	Collaborative Research Scheme	Dr Ashwatha Narayana Prabhu	UGC DAE CSR Mumbai	44,547/-	1 January 2021 to 31 December 2021
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**Awards/Recognitions:**

Institution (including "The Best Teacher Award" for the year)

**Faculty Members**

Sl. No.	Name	Details	Date
<b>Biomedical Engineering</b>			
1	Dr Ramesh R Galigkere	Associate Editor, Circuits, Systems and Signal Processing (Springer Nature). This is a recognition of expertise, professional experience, and long record as a reviewer of this journal.	1 December 2021
<b>Biotechnology</b>			
1	Dr Naresh Kumar Mani	Visiting Scientist Award	1 December 2021
<b>Chemical Engineering</b>			
1	Dr Raja S	Listed among the Top 2 percentile researchers in the world by science-wide author databases of standardised citation indicators Published by Stanford University USA.	19 October 2021
<b>Civil Engineering</b>			
1	Dr Anish Kumar Warriar	Award for Research Publications under the section "Geology, Earth and Environmental Sciences" by Vision Group on Science and Technology, Government of Karnataka	18 August 2021
<b>Computer Applications</b>			
1	Dr Vidya Rao	PhD awarded for the thesis titled "Design of Secured Communication Scheme to provide Authentication and integrity among the IoT Devices"	14 January 2021
<b>Computer Science and Engineering</b>			
1	Dr Manjunath K N	Received the outstanding service award from IEEE Mangalore Sub-Section for the volunteer service rendered for the benefit of the engineering community for the past seven years	16 January 2021
2	Dr Mamatha Balachandra	Appointed as International Cyber Security Data-mining Society (ICSDS) Governing Board Member for India.	12 February 2021
3	Dr Renuka A	" Special Mention of the Jury 2019 Supervisor Award " conferred by Board for IT Education Standards (BITES) for supervising the doctoral work titled "Design and Implementation of Efficient Techniques for Packet Scheduling and Congestion control in 4G LTE Network	23 February 2021
4	Dr Srikanth Prabhu	Won "second best paper award" in Senior category at QUADRANS 2021 International Physiotherapy virtual conference in KLE institute of Physiotherapy Belagavi.	27 February 2021
5	Dr Mamatha Balachandra, Dr Radhika Kamath and Dr Bhargav Bhatkalkar	The two Samsung work-lets mentored by the faculty members have been awarded a "Certificate of Excellence" as part of the Phase-2	1 March 2021

Sl. No.	Name	Details	Date
		Samsung PRISM program held from October 2020 to March 2021.	
6	Dr Srikanth Prabhu and Dr Mamatha Balachandra	Awarded "Certificate of Excellence" as part of the Phase-1 Samsung PRISM program held from December 2019 to August 2020.	5 March 2021
7	Dr Geetha Maiya and Mr Roshan David Jathanna	Received a grant of 16,83,000 INR for the project titled "Nasha Mukta Udupi Abhiyaan (NMUA)" from the Department of Social Justice and Empowerment, Government of India to conduct a year-long event on the Prevention of Substance Abuse.	22 July 2021
8	Mr Ganesh Babu	Selected as the winner in SAMSUNG PRISM "SPARK in Voice"	1 August 2021
9	Dr Manjunath K N	The classroom presentational slides submitted by him for the Medical Image Computing and Computer-Assisted Intervention Society (MICCAI) Educational Challenge, an event conducted as part of the MICCAI conference, were accepted and published on their website.	1 October 2021

#### Electrical and Electronics Engineering

1	Dr Vinay Kumar Jadoun	Best Paper Certificate-Vinay Kumar Jadoun has been awarded as the best paper of the session, the paper was presented virtually at the First International Conference on Computations in Materials and Applied Engineering (CMAE-2021) held on 26 and 27 June 2021	26 June 2021
2	Dr Vinay Kumar Jadoun	Awarded as Best Researcher Award in the International Scientist Award on Engineering Science and Medicine, held on 16 and 17 July 2021, Mysore, India organized by VDGGOOD Professional Association	16 July 2021
3	Ms Shwetha V	Best Paper Certificate-Paper titled "Automatic Detection of Bacilli Bacteria from Ziehl-Neelsen Sputum Smear Images and presented by Mr/Ms/Dr V Shwetha has been selected as the Best Paper amongst presented papers in Track-3-Session-2 of Second IEEE International Conference on Communication, Computing and Industry 4.0 (C214-2021) hosted by CMR Institute of Technology, Bengaluru, Karnataka, India.	16 December 2021
4	Dr Vinay Kumar Jadoun	Best Researcher Award for the contribution and Honourable Achievement in Innovative Research.	31 December 2021

#### Electronics and Communication Engineering

1	Kumara Shama	Recognition for Professional achievement as PhD examiner	26 February 2021
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Sl. No.	Name	Details	Date
2	Dr Pramod Kumar	Served as a Convenor of International Conference 11 June 2021 1st International Conference on Computational Electronics For Wireless Communications (ICWC 2021) at NIT Kurukshetra.	
3	Vinod Kumar Joshi	"Best Paper Award for Recent Developments in Computer and Communication Technologies (GC-RDCT 2021). The Paper was presented by a research Scholar."	29 July 2021
4	Subramanya G Nayak	Review of the manuscript for Artificial Intelligence Review-a Springer Nature Journal	15 August 2021
5	Dr Tanweer	Listed among top 2 percentile researchers in the world by science-wide author databases of standardised citation indicators Published by Stanford University USA.	19 October 2021
6	Shounak De	Served as a General Chair of AICECS 2021 at MIT, Manipal.	29 October 2021
7	Dr Pramod Kumar	Served as a General Chair of AICECS 2021 at MIT, Manipal	29 October 2021
8	Vinod Kumar Joshi	Chaired a session at the International Conference AICECS 2021.	29 October 2021
9	Vinod Kumar Joshi	2021 IEEE DISCOVER best Paper. The paper was presented by a research Scholar.	19 November 2021
10	Dr Ramya S	Mentored "TEAM MIT", Adhikari, BTech Computer Science Engineering, Adit Luhadia, B. Tech Information Technology, won the second runner up position in HACK'E'LTH 2021 challenge organized by GE Healthcare Digital Technology under the "GE health care campus connect program".	15 December 2021
11	Dr Ujjwal Verma	IEEE Young Professional Volunteer Award Name of the agency: IEEE Mangalore Sub-Section	17 January 2021
12	Dr Anu Shaju Areeckal	Special Mention of the Jury Award-BITES Best PhD Thesis Awards for the year 2019	23 February 2021
13	Dr Anu Shaju Areeckal	Certificate of Excellence award-Samsung PRISM project Name of the agency: Samsung R&D, Bangalore	14 November 2021
<b>Humanities and Management</b>			
1	Dr Dasharathraj Shetty	Cogent Engineering Best Paper	5 July 2021
2	Dr Tungesh G M	International Distinguished Academician Award - 2021	31 December 2021
<b>Information and Communication Technology</b>			
1	Mrs Nisha P Shetty	Honoured with first place (Track 3 - Distributed Computing. Communications, Computer Networks) in PhD Scholar's Research Colloquium 2021, conducted by the	9 October 2021

Sl. No.	Name	Details	Date
2	Mr Santhosha Kamath	Department of Computer Applications MIT-MAHE in association with IEEE-MSS Was honoured second place (Track 3 - Distributed Computing, Communications, Computer Networks) in PhD Scholar's Research Colloquium 2021, conducted by the Department of Computer Applications MIT-MAHE in association with IEEE-MSS	9 October 2021
3	Dr Manjula C Belavagi	Awarded with the degree of Doctor of Philosophy for the thesis titled "Efficient Intrusion Detection System Using Traffic Logs in Wireless Sensor Networks"	13 November 2021
4	Ms Veena Mayya	Protsahan Award, IEEE ComSoc Bangalore	1 December 2021
5	Dr Manohara M M Pai	Best Paper Award for the paper titled "Behavioural pattern analysis of fishes for smart aquaculture: an object-centric approach (IEEE TENCON 2021)	1 December 2021
6	Dr Radhika M Pai	Best Paper Award for the paper titled "Behavioural pattern analysis of fishes for smart aquaculture: an object-centric approach (IEEE TENCON 2021)	1 December 2021
7	Dr Adesh N D	Research alumnus of the department has been awarded the "Special Mention of the Jury" Award 2019 for his thesis titled "Design and Implementation of Efficient Techniques for Packet Scheduling and Congestion control in 4G LTE Network" in an event organized by the Board for IT Education Standards (BITES).	23 February 2021
8	Dr Adesh N D	Certificate of Excellence award-Samsung PRISM project. Name of the agency: Samsung R&D, Bangalore	14 November 2021



### Instrumentation and Control Engineering

1	Dr Kapil Sadani	Won Naik and Rastogi excellence in PhD award for his doctoral dissertation: "Multimodal Sensors for Detection of Water Contaminants: Bacteria, Virus and Mercury" at the 59th convocation of IIT-B	7 August 2021
2	Dr I T Arasu	Received best paper award in technical session "intelligent instrumentation" at 5th international conference on emerging technologies jointly organised by MU Jaipur and University Du Quebec en Outaouais, Canada.	8 October 2021
3	Dr S Meenatchi Sundaram	Won MAHE innovation festival 2021 for the project titled "Interdialytic Weight assessment in trolley"	12 October 2021
4	Dr Raghavendra U	Listed among the top 2 percentile researchers in the world by science-wide author databases of standardised citation indicators released by Stanford University USA.	19 October 2021

Sl. No.	Name	Details	Date
<b>Mechanical and Manufacturing Engineering</b>			
1	Mr Nithesh Naik, Assistant Professor-Senior Scale, Department of Mechanical and Industrial Engineering.	Indian Patent was awarded to a patent filed by Mr Nithesh Naik, Assistant Professor (Senior Scale) and Dr Zeeshan Hameed BM, Associate Professor, Department of Urology, KMC Manipal and Chief of KMC Innovation Center for their novel innovation titled "A Scissors-Needle System for Intra-Cavitary Hydro-Dissection and Excision of Tissues" by India Patents Office (Intellectual Property India)	1 January 2021
2	Dr Raghuvir Pai B, Professor	Founder President of Asset Management Society, for the period 2021-2023. The society has an executive council with members from IITs, IIM, Industry, Defence and other academic institutions. The society has an International Advisory Committee, National Advisory Committee and National Technical Committee headed by eminent people in the area of Asset Management. The objective of the society is to sustain and enrich the maintenance engineering and asset management skills of asset management practitioners and organizations.	30 January 2021
3	Dr Sathish Rao U, Associate Professor (Senior Scale), Dr Sathya Shankara Sharma, Professor and HOD, and Dr Manjunath Shettar, Assistant Professor (Senior Scale)	Best paper award for the paper titled "An integrated approach of Taguchi - Grey Relational Analysis technique to optimize the drill process factors in the machining of Glass Fibre Centered Polymer Composite Laminates", presented in the 1st International Conference (IEEE sponsored) on Simulation, Automation and Smart Manufacturing (SASM-2021) held at GLA University, Mathura.	20 August 2021
4	Mr Nithesh Naik, Assistant Professor-Senior Scale, Department of Mechanical and Industrial Engineering.	Conferred with Fellowship Award by the Engineered Science Society, Knoxville, USA, in appreciation of significant contributions made towards advancements in Science and Engineering	1 December 2021
<b>Mechatronics Engineering</b>			
1	Dr Dadi Ravikanth	Best Paper Award Name of the agency: Department of Mechanical Engineering, VIT Chennai	31 December 2021
Students			
Sl. No.	Name	Details	Date
<b>Aeronautical and Automobile Engineering</b>			
1	Mr Archit Bapat, Mr Aravind Karthik M, Ms Reshma Sett and Ms Paree Navel	4th National Aerospace Conceptual Design Competition	14 August 2021



Sl. No.	Name	Details	Date
<b>Biotechnology</b>			
1	Eeshan Koundinya	The second position in the Spotlight Monoacting event of Ananya – cultural wing of Sympulse 21, Symbiosis Centre for Management Studies, Pune.	14 May 2021
2	Avani Hegde	Runner up position in the event "The Cinema Roundtable" under Matsuri 2021, organised by Behind the Scenes, Manipal	8 July 2021
3	Soumodeep Sarkar	Completed Mitas Globalink Research Internship	10 October 2021
4	Girisa Prabhu	Secured first prize in the Poster presentation category of the National Level Biotechnology Symposium-Symbiot 21 at MIT, Manipal	16 October 2021
5	Avani Hegde	Represented Denmark in the United Nations Human Rights Council at PeCon 2021	23 October 2021
6	Anooshka Pareddy, M Kowshika, Ujjayini Nandi, Rathnamegha Lingamsetty, Chetan Roger Dhanjal, Shriman Anand, Olivia Ishorary, Harshini Rangaraj, Tanmaya Madhvacharyula, Shubhra Singh, Ronak Singh, Neil Dakshini, Rushil Dalal, Sanidhya Pai, Sasha Thomas, Harshil Jain and Rohan Munoth	Manipal Bio machines club won the Bronze Medal in iGEM (International Genetically Engineered Machine competition). There were 350 + teams.	31 December 2021
<b>Chemical Engineering</b>			
1	Harsh B Patil	Secured Second Position in Quizzard 1.0 contest, conducted by the Student Entrepreneurship Cell, Manipal GOK-Bioincubator, MAHE, Manipal. It was a two-phase virtual quiz which focussed on the theme of Industry (4.0 and 5.0) and the Startup ecosystem	01 October 2021
2	Mohammed Dilshaad Uzair	Secured best paper award at ScTACE - 2021 held by the Department of Civil Engineering at Shri Vishnu Engineering College For Women (A), West Godavari, and Andhra Pradesh.	14 October 2021
3	Surabhi Aswath	Secured second place for a review paper presented at SCHEMCON, 2021, a national level conference in the field of chemical engineering. The topic of the review was "Removal of	23 October 2021

Sl. No.	Name	Details	Date
4	Koena Maji	contaminants from water using magnetic nanoparticles". Secured second place for a review paper presented at SCHEMCON, 2021, a national level conference in the field of chemical engineering. The topic of the review was "Removal of contaminants from water using magnetic nanoparticles".	23 October 2021
5	Saksham Mamtani	Secured the First Position in the Professor P K Karanth Memorial Quiz Competition during "Chemignite-2k21" organised by IChE Manipal.	27 November 2021
6	Mohammad Zaeem	Secured the Third Position in the Professor P K Karanth Memorial Quiz Competition during "Chemignite-2k21" organised by IChE Manipal.	27 November 2021

### Computer Science and Engineering

1	Akshatha Kamath	Knight-Hennessy Scholarship for Master's Program at Stanford University, USA	03 January 2021
2	Kumud Lakara	Attended as a delegate for the 2021 Harvard College Conference organised by Harvard College Project for Asia and International relations	10 January 2021
3	Parv Kapoor	Accepted into a PhD program in Software Engineering in the School of Computer Science (SCS) at Carnegie Mellon University with full financial support.	29 January 2021
4	Aaysuh Agarwal and Siddhisa Banerjee	Declared first runner-up in the national level Ideathon organized by the IEEE Computer Society Student Chapter (CSSC) of Vidyavardhaka College of Engineering, Mysuru	13 March 2021
5	Sidharth R and Kumud Lakara	The research paper titled "BERT based Transformers for Extraction of Health Information from Social Media" by Kumud and their team has been accepted in one of the world's top NLP conferences NAACL 2021. The team has also received the first position in the task related to "Classification, extraction and normalization of adverse drug effect (ADE) mentions in English tweets" at SMM4H 2021 organised by the University of Pennsylvania.	1 May 2021
6	Rencita Maria Colaco	Won the best paper award for the paper titled "Image Processing Technique for Authentication of Indian Paper Currency" in the Third International Conference on Advances in Computing and Information Technology organized by Reva University, Bengaluru	18 May 2021
7	Sonalika Sahoo	Google APAC Scholarship	31 May 2021

Sl. No.	Name	Details	Date
8	Sohom Datta	Won a reward of 3,133 USD as part of Google's vulnerability reward program (GVRP) for identifying a bug in one of Google's open-source libraries	1 June 2021
9	Ritika Nandi	Ritika Nandi, under the guidance of Dr Manjunath Mulimani, has received the prestigious International Speech Communication Association (ISCA) travel grant for presenting their paper titled "Acoustic Scene Classification using Kervolution –Based SubSpectralNet" at Interspeech 2021 conference.	18 June 2021
10	Kumud Lakara	Accepted and attended IIT Roorkee SPARK Summer internship program and the work got selected as the best presentation	1 July 2021
11	Mini Shail Chhabra	Selected as a delegate for the "Harvard Project for Asian and International Relations (HPAIR) Asia Conference 2021"	1 August 2021
12	Srishti and Chinmayee	Selected as the scholarship recipient of the 2021 California State University Northridge Scholarship.	30 August 2021
13	Mini Shail Chhabra	The team comprising Mini Shail Chhabra emerged victorious in the online Hackathon American Express CodeStreet'21 national challenge	01 September 2021
14	Shyam Vaideeswaran and Siddharth Manoj	Emerged winners in the cybersecurity awareness quiz conducted by the Department in association with Gravitas AI on the eve of UGC National Cybersecurity Awareness month	21 October 2021
15	Chiradeep Gupta and Athina Saha	Won the best paper award for the research article titled "Cardiac disease prediction using Supervised machine learning techniques" in the First International Conference on Artificial Intelligence, Computational Electronics and Communication System (AICECS)	30 October 2021
16	Kumud Lakara and Supriti Vijay	Received the Adobe India WIT 2022 Scholarship 2022.	22 November 2021
17	Pranshul Goyal, Rhea Adhikari	The student team comprising Pranshul Goyal and Rhea Adhikari have won the second runner-up position in the HACK-E-LTH 2021, a national challenge organized by GE Healthcare Digital Technology	06 December 2021
<b>Electrical and Electronics Engineering</b>			
1	Mr Siddarth Manoj	Secured second rank in cyber security awareness quiz held as a part of an industry-academic collaboration of MIT Manipal and Gravitas AI.	30 October 2021
2	Mr Anubhav Kumar Pandey, Research scholar	Mr Anubhav Kumar Pandey has received the "Innovation in Science Pursuit for Inspired Research (INSPIRE)" fellowship for pursuing his	31 December 2021

Sl. No.	Name	Details	Date
3	Mr Himanshu Verma	research work under the guidance of Dr Vinay Kumar Jadoun and Dr Jayalakshmi N S Graduate from the batch of EEE 2018, has earned GATE 2021 All India Rank of 1 in Instrumentation Engineering stream and 62 in Electrical Engineering stream. He has taken admission to Electronic Systems Engineering at the Indian Institute of Science, Bangalore.	31 December 2021
4	Mr Zeeshan Basar Sheikh	Graduate from the batch of EEE 2020, has earned GATE 2021 All India Rank of 1683 in Electrical Engineering stream.	31 December 2021
5	Mr Shambhu Amith	Graduate from the batch of EEE 2021, has earned GATE 2021 All India Rank of 2901 in Electrical Engineering stream.	31 December 2021
<b>Electronics and Communication Engineering</b>			
1	Shreya Tewari	American Express Codestreet'21, Ipseity, first runner up	18 October 2021
2	Mr Prashanth Barla	Best Paper award at DISCOVER 2021 organized by IEEE Mangalore Subsection at N.M.A.M. Institute of Technology, Nitte,	19 November 2021
3	Achintya Dutta	All India ISSS UG Research Student award from ISSS, IISc Bangalore for my research work titled "Sensitivity Tuned PANI/Graphite Nanoparticle-based Humidity Sensor Powered by Cu/Graphite Micro-Supercapacitor with PVA/PVP Polymer Electrolyte" i. Drive Link: <a href="https://drive.google.com/drive/folders/1mgqA3VpAXlxwMLv6rOm aW2PuUY1KQaRV?usp=sharing">https://drive.google.com/drive/folders/1mgqA3VpAXlxwMLv6rOm aW2PuUY1KQaRV?usp=sharing</a>	6 December 2021
4	Akhil Bonagiri	Electronics and Communications Engineering Conference Paper: Bonagiri A, Biswas D, Chakravarthy VS, "Modelling a Central Pattern Generator using capacitively coupled Nano-oscillators", 30th Annual Computational Neuroscience Meeting, CNS 2021. Journal Paper (Under Review): Bonagiri A, Biswas D, Chakravarthy VS, "Coupled Memristor Oscillators for Neuromorphic Locomotion Control: Modelling and Analysis".	31 December 2021
5	Surabhi Gokul P	Electronics and Communications Engineering Award: Mitacs Globalink Internship Award 2021 from Queen's University, Kingston, Canada Journal Paper: Gokul P, H Kulkarni and P S Baweja. An improved PSO approach for multi-robot target search. Springer book on Robot Operating System, Studies in Computational Intelligence Series, 2021. Conference Paper: Gokul P, H Kulkarni, P S Baweja. Block Mapping: A Blockchain-based Multi-	31 December 2021

Sl. No.	Name	Details	Date
		Robot Exploration. IROS 2021-Blockchain applications	
<b>Information and Communication Technology</b>			
1	Adit Luhadia	Recognition of Student Entrepreneurs by the Vice Chancellor, Lt Gen (Dr) M D Venkatesh	13 February 2021
2	Harsh Rathod	Received Certificate of excellence in recognition of exceptional performance in Hackathon 1   Geoffrey Hilton Fellowship	20 April 2021
3	Aman Priyanshu	First Prize - ACM UCM Datathon - UC Merced	16 May 2021
4	Anmol Agarwal	Hackothsav by IEEE SMVITM	9 July 2021
5	Ayaan Tariq	CodeNova - ranked third(codesprint)	29 July 2021
<b>Printing and Media Engineering</b>			
1	G S S Aditya	Summer Internship Offer by UCSD	11 June 2021
2	Ananya Ankit	Article got featured at IEEE Magazine	19 June 2021
3	Sam Jose Thomas	Best Cinematography third price for his short film "Misplaced in Monochrome" the event happened in Bangalore on 7 December 2021.	12 July 2021
4	Rahul Nair	Won first prize in Essay Competition	1 September 2021
5	Mr Pratham Bekal and Mr Chetan Kene	Won first prize in Monsoon Photography Competition Results	14 September 2021
6	Ananyay Ankit	Received MBA scholarship program	4 October 2021

**Extra-Curricular Activities:**

**Sports Activities:**

**In Institution:**

Sl. No.	Event	Details	Date(s)
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**Electrical and Electronics Engineering**

1	MAHE Intercollegiate Staff Badminton Tournament 2021	Prateek Jain-Men Singles Winner-MAHE Intercollegiate Staff Badminton Tournament 2021	5 December 2021
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**Inter Institution:**

Sl. No.	Event	Details	Date(s)
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**Instrumentation and Control Engineering**

1	MAHE staff badminton tournament	Preeti Mohanty won women's singles	5 December 2021
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**Cultural Activities:**

**Inter Institution:**

Sl. No.	Event	Details	Date(s)
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**Instrumentation and Control Engineering**

1	Laksha Kanta Gayana	Dr Vidya S Rao and Dr Bhagya R Navada participated in the Karnataka Rajyotsva Laksha Kanta Gayana Competition	28 November 2021
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**Outside University**

Sl. No.	Event	Details	Date(s)
<b>Electrical and Electronics Engineering</b>			
1	Kanaka Gayana Keerthana	Prathvi Shenoy - winner of Kanaka Keerthana Gayana Competitions conducted by Mangalore University	8 October 2021
<b>Instrumentation and Control Engineering</b>			
1	Kanaka Jayanti	Dr Vidya S Rao participated in Kanaka Geeta Gayana Competition	8 October 2021

**Photo Archive of Important events**



Inauguration of campus Store, in MIT, Manipal



Relaunch of FOCUS



International Conference on Linear Algebra and its Applications



MoU signed(Physically) between MAHE and NHAJ and lab visit



MoU with M/s Replastiko Pvt. Ltd. Mangalore.



Cdr. (Dr) Anil Rana - Appointed as Director, Manipal Institute of Technology, Manipal on 16/07/2021

# Manipal School of Architecture and Planning, Manipal

Address: Manipal School of Architecture and Planning Academic Block -2, MIT CAMPUS, MAHE,  
Manipal -576 104 Udupi District, Karnataka, India

Phone Number: +91 820 2924111

Email-Office: office.msap@manipal.edu Director Email: nandineni.rd@manipal.edu



Name of the Director: **Professor Dr Nandineni Rama Devi**

Established: **1978**

## **Details of Programs offered by the Institution:** **Architecture courses**

- Bachelor of Architecture/BArch
- Master of Architecture (Urban Design and Development)/MArch (UDD)
- MDes (Sustainable Design)
- Doctor of Philosophy/(PhD)

## **About Institution/School:**

Manipal School of Architecture and Planning (MSAP) provides the best quality design programs in the domains of Architecture in the country. Established in 1978, the school has a pioneering legacy of 40 years. MSAP fosters a creative innovative and intellectually vibrant learning

environment with a global outlook. It strives to establish academic and professional excellence in architecture and design. MSAP is an elite institution with state-of-the-art facilities and infrastructure. It includes the design studios, a computer lab with the latest design software, various supporting labs and a library with the latest additions of architecture/technology books, and journals. Dedicated and experienced faculty members encourage student-centric practices where learning expands beyond the four walls of the classroom. Preparing students for timeless success in the profession of design is the primary goal of the academic systems at MSAP.



## Institutional Activities/Curricular Activities

All other activities in the department relating to the program/course:

Sl. No.	Activity	Particulars	Date(s)
<b>Architecture</b>			
1	BArch, MArch, MDes (Sustainable Design), BDes (ID), BDes (FD), CFD, MA(ID), MDes (ID), MA (FM), PhD	Internal Management Review Meeting (MRM) of MSAP, MAHE in MS Teams. Dr Christopher Sudhakar, Quality Representative, MAHE along with other MRM representatives were present online.	21 January 2021
2	Workshop conducted	"Daylight Simulation Workshop"-Two-day workshop on Daylight Simulation using Rhino-Grasshopper and honeybee-Ladybug by Expert Ar Nikhil Bhandari and Ar Garima Singh on Saturday for our BArch Eight-semester, MArch, second-semester, and MDes Sustainable Design, second-semester students through online mode. A student will be able to annul and Point-N-Time simulation for every interior space of a multistorey building in one go. Which will help them to design Energy Conservation Building Code (ECBC) compliance building considering UDI (Useful Daylight Illuminance) parameter. The workshop started with the presentations on the introduction of daylight Matrix and Importing of a model from Sketchup to Rhino Basics including basic in Rhino Interface by Ar Garima Singh. Then, Ar Nikhil Bhandari demonstrated the development of a grasshopper script for Point-N-Time daylight Simulation. At the end of the session, a simulation exercise was given to participants. Two faculties and two students participated in the same. Targeted Sustainable Development Goals: SDG 3–Good health and wellbeing. SDG 7–Affordable and Clean Energy. SDG 11–Sustainable Cities and Communities. SDG 12–Responsible Consumption and Production. SDG 17–Interdisciplinary working.	27 February 2021 to 6 March 2021
3	Site study to Udupi city	Site study for the studio to Udupi city for second-semester, MArch (UDD) for subject UDS II. Outcomes of the program are site visits conducted with utmost care on the college bus. To-Do a Reconnaissance Survey Of the site selected for the studio. Students were not allowed to get down of the bus for the whole duration following the COVID-19 protocols. Three faculties and 20 students participated	4 March 2021
4	Field visit to Udupi Shri Krishna Mutt, Malpe beach, and Sea Walk	International Association of Lighting Designers-IALD Japan lighting Design Workshop 2021-"Nightscape of Asian Cities, Now and Future at Udupi Shri Krishna Mutt, Malpe beach and Sea Walk on 11 March 2021 from 5:00 pm to 8:30 pm. A site visit was conducted to analyse the existing night space during the Shivaratri Site visit was conducted to study the existing lighting level during the festival. The study period was between 5:00 pm to 8:00 pm, the night space lighting level was	11 March 2021

Sl. No.	Activity	Particulars	Date(s)
		recorded using a lux meter. Outcomes of the program are the IALD Online workshop conducted by Japan with the theme Enlighten Asia from March 2021 to October 2021. The theme focuses on the existing Nightscapes and the future at the city level by Illustrating a Characteristic Urban setting. The workshop highlights the survey analysis and proposals. The workshop spread across 30 students from six-semester BArch, eight-semester BArch and second-semester MArch (UDD) and three faculty from MSAP grouped to different three sites. The final output will be Movie Submission and Competition with the other five Asian countries. Two faculties and 21 students participated in the same.	
5	Conference attended by faculty	<p>1. 10th International Conference on Smart Cities and Green ICT Systems (participant Dr Pradeep Kini) through Online mode.</p> <p>2. International Conference and Exposition on Modern Energy and Power Systems (participant Ar Pranav Kishore). Outcomes of the program were-Smart Greens through Online mode. Members were-Shetty A N, Kini P G, Kishore P, and Tandon V (2021). Title of the paper was-Assessment of Building Integrated Photovoltaic Panels on Facades of Commercial Buildings with Respect to Energy Conservation Building Code. In SMARTGREENS (pp. 148-155), members were-Mahesh, A., Kini, P., &amp; Kishore, P. (2021). Title of the paper was-Energy Saving Potential in Building Envelopes through Energy Conservation Building Code and Design Alternatives in Warm and Humid Climate. In SMARTGREENS (pp. 27-34), ICMEPS . members were-Kishore, P., Shetty, S., &amp; Raj, A. (2021) – Title of the paper was-Time of the Use pricing model for electricity in Residential sector of India. In ICMEPS 2021, members were Kishore, P., Bajpai, V., &amp; Raj, A. (2021) . Title of the paper was-A flexible approach towards Residential Open Building Systems for Smart Cities.</p>	28 April 2021 to 30 April 2021
			
6	Guest Lecture	Expert Lecture by Mr Anupam Raj, Mechanical Engineer (NIT Jaipur) and specialized in Building Science (Arizona State University, USA). Tech Architect, YourMD.ca for Modelling and Operation of HVAC systems for MDes Sustainable design students in online mode from 9:00 am to 11:00 am and 3:00 pm to 5:00 pm for MDes (SD) students. Outcomes of the program were the guest lecture provided insight to the students as well as the faculties to understand the functioning of HVAC systems in the buildings. It also helped the students to understand the design of energy-efficient HVAC systems. Two faculties and 17 students participated in the same.	22 May 2021 to 5 June 2021
7	Faculty Development Program (FDP)	This faculty development program was organized by AICTE Training and Learning (ATAL) Academy and the Confederation of Indian Industry (CII). This FDP gave a detailed	2 August 2021 to 6 August 2021

Sl. No.	Activity	Particulars	Date(s)
	attended by faculty	understanding of the Green building rating systems, Green building materials, and the built environment. This FDP was focused on the United Nation's Sustainable Development Goals (SDG) 7 and 11. This five-day training program was also coordinated by Indian Green Building Council (IGBC). At the end of the training program, IGBC awarded "IGBC Accredited Faculty" certificates to the faculties who demonstrated knowledge of Green buildings and the built environment. Targeted SDGs: SDGs 7 and 11	
8	BArch, MArch, MDes (Sustainable Design), BDes (ID), BDes (FD), CFD, MA(ID), MDes (ID), MA (FM), PhD	Internal MRM Meeting of MSAP, MAHE through MS Teams. Dr Christopher Sudhakar, Quality Representative, MAHE along with other MRM representatives were present online.	6 August 2021
9	Conference attended by faculty	The International Conference on Technologies for Smart Green Connected Societies 2021 was organized by SPAST Foundation. This conference was based on the United Nation's Sustainable Development Goals. International universities and researchers participated and presented their research work related to the theme of the conference. The conference was conducted on 29 and 30 November 2021 through online mode. Targeted SDGs: Research work on any SDGs.	29 November 2021 to 30 November 2021
			
10	BArch, MArch, MDes (Sustainable Design), BDes (ID), BDes (FD), CFD, MA(ID), MDes (ID), MA (FM), PhD	Designuru 3.0-Students participated and volunteered in the event Designuru 3.0, an exhibition of design works in different areas of design in Bangalore. Students volunteered and presented their academic works in different areas of design. The event was organized in Bangalore. Around 27 students participated. Outcomes of the program were students getting exposure to exhibition events. Our student's works were exhibited.	16 December 2021 to 24 December 2021
11	Conference attended by faculty	Vaibhav Jain attended an online national level conference that was organized by Solar Decathlon India on 17 and 18 December 2021. The theme of the conference was: Teaching for Climate Action. The recent COP26 summit has highlighted the importance of education and youth empowerment to effectively address climate change and shape our net-zero future. The event is related to UN SDGs 7 and 11. Outcomes of the program were the Capacity building of faculty members towards education for Climate Change through performance-oriented design and operation of buildings.	17 December 2021 to 18 December 2021
			

## Details of Guest Visit (lectures, collaboration, visitors on campus)

### Guest Lectures:

Sl	Visitor	Name of the Organization	Purpose of Visit	Date of Visit
1	Ar Kamal Chawla	Director-Design at SEEDS (Sustainable Environment and Ecological Development Society), New Delhi	Design Matters-Lecture Series by experts Ar Richa Bose, and Ar Kamal Chawla, for students and faculties of BArch, MArch at MSAP Manipal through online mode. Ar Richa Bose introduced the students to context-specific design and demonstrated through simple examples on how to initiate the design process. Ar Kamal Chawla explained his holistic approach to architectural design responding to the needs of the users and the context. His designs focused on user-centric and resilient built environments including housing, educational environments, healthcare facilities, and community spaces. Around 10 faculties and 45 students participated in the same. Outcomes of the program were Ar Richa Bose briefly explained that it is important to derive creative sustenance from our surroundings, absorbing vernacular patterns of constructions and individual styles of living, appropriating to local conditions and contemporary design sensibilities. Students could understand to use traditional construction and materials without simply imitating them and provide a break from context to make the buildings impersonal and the adverse effect on the psyche of people inhabiting them. Ar Kamal Chawla enlightened how architecture plays a crucial role in rebuilding the lost infrastructure after disasters and rebuilding the lives of the affected communities, making them resilient. The talk focused on post-disaster architectural interventions, illustrating responsive and participatory design approaches, catering to local contexts, and paving way for the long-term recovery process in the case of Assam and Leh-Ladakh.	19 January 2021
2	Richa Bose	Architect, Senior Instructor, ACEDGE, Visiting Faculty, Jadavpur University	Design Matters-Lecture Series by experts Ar Richa Bose and Ar Kamal Chawla, for students and faculties of BArch, MArch at MSAP Manipal through online mode. Ar Richa Bose introduced the students to context-specific design and demonstrated	19 January 2021

Sl	Visitor	Name of the Organization	Purpose of Visit	Date of Visit
			through simple examples on how to initiate the design process. Ar Kamal Chawla explained his holistic approach to architectural design responding to the needs of the users and the context, His designs focused on user-centric and resilient built environments including housing, educational environments, healthcare facilities, and community spaces. Around 10 faculties and 45 students participated in the same. Outcomes of the program were Ar Richa Bose briefly explained that it is important to derive creative sustenance from our surroundings, absorbing vernacular patterns of constructions and individual styles of living, appropriating to local conditions and contemporary design sensibilities. Students could understand to use traditional construction and materials without simply imitating them and provide a break from context to make the buildings impersonal and the adverse effect on the psyche of people inhabiting them. Ar Kamal Chawla enlightened how architecture plays a crucial role in rebuilding the lost infrastructure after disasters and rebuilding the lives of the affected communities, making them resilient. The talk focused on post-disaster architectural interventions, illustrating responsive and participatory design approaches, catering to local contexts, and paving way for the long-term recovery process in the case of Assam and Leh-Ladakh.	
3	Ar Nikita Verma 	Chief-in-Ideation, Ethos	Design Matters-Lecture Series by Ar Suprio Bhattacharjee, and Ar Nikita Verma, for students and faculties of BArch, MArch at MSAP, Manipal through online mode. Ar Suprio Bhattacharjee introduced the term “Empathy and Architecture” with his unique presentation skills and their implication in various contexts. Ar Nikita Verma presented on Climate Resilient Cities considering the case of Chennai, Jakarta and Singapore. Around 15 faculties and 50 students participated in the same. Outcomes of the program were Ar Suprio Bhattacharjee briefed on how the term “Design Thinking”	20 January 2021

Sl	Visitor	Name of the Organization	Purpose of Visit	Date of Visit
			has become pervasive amongst design practitioners and in curricular of design schools. But what does this term really mean, or rather, stand for, and what does this imply for the discipline of architecture – now one amongst the many spatial disciplines. This talk attempted to delve into a significant aspect of this subject or “term” – that of empathy and the importance of being “empathetic” while operating within the built environment - and will seek to investigate and illustrate how this plays out or has played out - in our thinking or conception of architecture and physical space-creation – through the use of historical examples as well as contemporary ones. Ar Nikita Verma explained the complexity of building resilience to climate change considering the cases of some of the rapidly growing cities like Chennai, Jakarta, and Singapore. The presentation included right from micro-steps to permeable pavements and naturally ventilated homes to macro measures such as planning and policy level changes, and how climate resilience to be integrated into our urban development goals.	
4	Suprio Bhattacharjee	Architect, Writer/Critic, and Pedagogue, Studio Director of Chennai-based architecture RED	Design Matters-Lecture Series by Ar Suprio Bhattacharjee, and Ar Nikita Verma, for students and faculties of BArch, MArch at MSAP, Manipal through online mode. Ar Suprio Bhattacharjee introduced the term “Empathy and Architecture” with his unique presentation skills and their implication in various contexts. Ar Nikita Verma presented on Climate Resilient Cities considering the case of Chennai, Jakarta, and Singapore. Around 15 faculties and 50 students participated in the same. Outcomes of the program were Ar Suprio Bhattacharjee briefed on how the term “Design Thinking” has become pervasive amongst design practitioners and in curricular of design schools. But what does this term really mean, or rather, stand for, and what does this imply for the discipline of architecture – now one amongst the many spatial disciplines. This talk attempted to delve into	20 January 2021



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5	Mr B L Manjunath	M/s Manjunath and Co, Bangalore	<p>Design Matters-Lecture Series by Ar Gaurav Sanghvi, and Mr B L Manjunath for BArch, MArch students and faculties at MSAP, Manipal through online mode. Ar Gaurav Sanghavi described the influence of site location and its neighbourhood context, and its role in the design process of a project and Mr B L Manjunath in his presentation explained his perception of the structural system while designing and exploring materials to their full potential considering their maximum stretchable bandwidth before failure. Outcomes of the program were Ar Gaurav Sanghavi described the influence of the neighbourhood context on the design through two prominent projects Aroha and Chambers. He explained in detail how Aroha, a residential project designed to create a micro-environment for its inhabitants amidst the concrete jungle by amalgamating elements of the cave architecture into modern architecture in order to inculcate a sense of awareness and curiosity of the heritage grandeur present in the vicinity. In the second project-Chambers, a commercial project located on a very strategic junction of the Western Express Highway entering the business district of</p>	21 January 2021


Sl	Visitor	Name of the Organization	Purpose of Visit	Date of Visit
			Andheri, Chambers is conceived to be a landmark design. Mr B L Manjunath educated the students about learning structures from nature and from everything around us. He toured his various projects across the country, which clearly depicted his vision for the role of engineering in design and design in engineering. The works were shaped by Humanistic, rather than simply technical principles. The projects showcased the extremities that can be achieved through the use of steel in the design of a building of any typology. Around 15 faculties and 160 students participated in the same.	
6	Ar Gaurav Sanghvi	Head of Conceptualisation and Project Planning, Pentaspace	Design Matters-Lecture Series by Ar Gaurav Sanghvi, and Mr B L Manjunath for BArch, MArch students and faculties at MSAP, Manipal through online mode. Ar Gaurav Sanghavi described the influence of site location and its neighbourhood context, and its role in the design process of a project and Mr B L Manjunath in his presentation explained his perception of the structural system while designing and exploring materials to their full potential considering their maximum stretchable bandwidth before failure. Outcomes of the program were Ar Gaurav Sanghavi described the influence of the neighbourhood context on the design through two prominent projects Aroha and Chambers. He explained in detail how Aroha, a residential project designed to create a micro-environment for its inhabitants amidst the concrete jungle by amalgamating elements of the cave architecture into modern architecture in order to inculcate a sense of awareness and curiosity of the heritage grandeur present in the vicinity. In the second project-Chambers, a commercial project located on a very strategic junction of the Western Express Highway entering the business district of Andheri, Chambers is conceived to be a landmark design. Mr B L Manjunath educated the students about learning structures from nature and from everything around us. He toured his various projects	21 January 2021





Sl	Visitor	Name of the Organization	Purpose of Visit	Date of Visit
			across the country, which clearly depicted his vision for the role of engineering in design and design in engineering. The works were shaped by Humanistic, rather than simply technical principles. The projects showcased the extremities that can be achieved through the use of steel in the design of a building of any typology. Around 15 faculties and 160 students participated in the same.	
7	Dr Sumita Rege	Associate Professor in the Department of Occupational Therapy, MCHP, MAHE	A lecture on Qualitative Research by Expert Dr Sumita Rege, as part of ARC 14 308- Research Techniques sixth-semester BArch students and all interested MSAP faculties through online mode. The talk incorporated didactic and interactive sessions to enable the students to develop an understanding of qualitative research. The students were able to relate to and understand the theory to be put into while designing their research. Outcomes of the program where the participant will understand, what is qualitative research, when and how to conduct qualitative research, the qualitative research method, and the research questions qualitative methods can answer. Around 10 faculties and 150 students participated in the same.	5 February 2021
8	Er Sunil Godbole	Vice President– Development, RMZ Corp, Mumbai	Expert lecture by Er Sunil Godbole, on the topic "Challenges in Construction of Tall Buildings" for fourth, sixth, and eighth-semester BArch and second-semester MArch students through online mode. Knowledge and expertise of resource person motivated the students and the presentation helped the students to strengthen their understanding of the subject. Outcomes of the program were expert lecture was a good opportunity for students to interact with the distinguished resource person. The lecture helped the students of various semesters to enhance their knowledge to understand about designing criteria of tall structures and various aspects of construction details. Around six faculties and 184 students participated in the same.	13 February 2021


Sl	Visitor	Name of the Organization	Purpose of Visit	Date of Visit
9	Ar Deependra Prashad	Principal Architect, DPAP and Director (INTBAU India), MICC, Visiting Faculty at various Indian and International Institutions, including SPA, New Delhi	Expert lecture by Ar Deependra Prashad, for MArch and MDes (Sustainable Design) students at MSAP. Expert lecture by Ar Deependra Prashad, Principal Architect, DPAP and Director (INTBAU India), MICC, Visiting Faculty at various Indian and International Institutions, incl. SPA for MArch. and MDes (Sustainable Design) students at MSAP at Sringeri hall. The summary and outcomes of the program were Interactive sessions with an understanding of the sustainability aspects of urban and architectural streams. Five faculties and 30 students participated in the same.	19 February 2021
10	Ar Arun Prasad Prakashan	Alumni of MSAP (Batch of 1995), Principal Architect Planner, Arun and Associates, Coimbatore	Expert lecture by Ar Arun Prasad Prakashan, on the topic "Precast Concrete Construction" for BArch, sixth-semester students through online mode (5:00 pm to 7:00 pm). The talk was very informative in terms of a practical approach towards precast construction technology through case studies. Ten faculties and 160 students participated in the same. Outcomes of the program were an Overall understanding of precast concrete construction technology, an understanding of Thumb rules for designing, an understanding of the building designed by the Architect, understanding of the integration of precast design and construction technology.	26 February 2021
11	Anupam Raj	Mechanical Engineer (NIT Jaipur) and specialized in Building Science (Arizona State University, USA).	Expert Lecture by Mr Anupam Raj Tech Architect, YourMD.ca for Modelling and Operation of HVAC systems for MDes Sustainable Design students in online mode from 9:00 to 11:00 am and 3:00 to 5:00 pm for MDes (SD) students. Outcomes of the program were the guest lecture provided insight to the students as well as the faculties to understand the functioning of HVAC systems in the buildings. It also helped the students to understand the design of energy-efficient HVAC systems. Two faculties and 17 students participated in the same.	22 May 2021 to 5 June 2021
12	Chintan Mehta	Strategic Marketing Specialist	Indian Institute of Digital Education-IIDE X MSAP - Webinar on Digital Marketing through online mode (three hours). The speaker spoke about digital marketing	8 June 2021

Sl	Visitor	Name of the Organization	Purpose of Visit	Date of Visit
			platforms, e.g., Instagram, Facebook, and LinkedIn and how to use them. Around 127 students participated in the same. Outcomes of the program were students learnt about the digital marketing platforms and how to use them.	
13	Ar Sumedha Sah	Practising Architect and self-taught Illustrator from Bangalore	Ar Sumedha Sah gave an expert lecture on the topic of Masters in Sustainable Architecture and her experiences in various projects for BArch and fourth-year and fifth-year and BDes (ID) students in online mode. This session was held for the benefit of students of all programs at MSAP - BArch, BDes (ID) and (FD), MDes (ID), MDes (SD), and MA (FM). It was intended to enable students to make informed choices in higher education and professional practice. The guest speaker Ms Sumedha Sah, kickstarted the session by sharing her experiences as a student and the myriad experiences in the field. Thereafter the faculty members spoke about varied Masters programs, application processes, scholarships to look out for, and entrance tests that have to be done to study abroad. The session was coordinated by the Training and Placement Cell, MSAP. Outcomes of the program were the guest speaker elaborated on how professional practice after undergraduate studies would enable one to decide on the Masters programs that could be taken up. She also shared one of the projects recently completed, the Redevelopment of Railway Museum, Mysore. The students in the session interacted with the speaker and the faculty members with their queries about higher education, research, and professional pursuits.	14 August 2021
14	Dr Kailasa Rao M	Professor, School of Architecture and Planning, Vijayawada	Expert Lecture by Dr Kailasa Rao M on the Measured drawing subject for our BArch fifth-semester students which was held through Microsoft Teams. An online guest lecture was organized for measured drawings for fifth-semester BArch students on 26 August 2021. Dr Kailash Rao HOD, Architectural Conservation, SPA, Vijayawada agreed and delivered the lecture. He gave insights on how documentation is done on	26 August 2021

Sl	Visitor	Name of the Organization	Purpose of Visit	Date of Visit
15	Ms Swati Puchalapalli	Director, TerraViridis Environmental Design Consultancy 	<p>historic monuments and shared his insights and glimpses of fieldwork conducted by him. This gave a good insight into understanding the details and techniques of various methods involved in documentation.</p> <p>Expert Lecture by Ms Swati Puchalapalli on the topic Sustainable Design Development for BArch third-year students online through MS Teams. Guest lecture on building high performance and thermal comfort in the design process of all design phases especially delivered to fifth-semester students as part of syllabus in ADD-V course of BArch and MDes sustainability students. The guest lecture by Ms Swati Puchalapalli is mainly about High performance and High Comfort design – A data-driven design process from an early design stage to detailed design. This guest lecture provided a deep understanding of performance based design approaches like reducing energy demand through passive building design strategies, increasing efficiency of systems, integrating renewable energy systems, sustainable design approach with analysis of total energy consumption of a building, briefing of all design parameters that should be considered at early design phases, passive design strategies and few more details regarding wind flow analysis in a residential and commercial building. These techniques delivered in this guest lecture are great learning to students towards a sustainable approach to building design. Outcomes of the program: The outcomes of the guest lecture include great learning to the students in aspects of the sustainable design approach, performance-based design approach, thermal comfort analysis, passive design strategies of a building, wind flow and lighting analysis, design development of external spaces, solar radiation and shading studies, façade design development and UTCI analysis. This lecture helps to improve the students' understanding, of course, ADD-V environmental design and outcomes of learning can be reflected in their individual</p>	27 August 2021

Sl	Visitor	Name of the Organization	Purpose of Visit	Date of Visit
16	Ms Aritra Kar	Manager – Projects, M/s. Apeejay Surrendra Group, Delhi	design project portfolios. Around 10 faculties and 161 students participated. Expert Lecture by Ms AritraKar on “Onsite Construction Worker Housing – Need and Challenges for third, fifth, seventh semester BArch and third-semester MDes Sustainable Design students. The guest lecturer has details about his project at Faridabad. He discussed the importance of onsite construction worker housing in the pandemic scenario. The requirements of the onsite construction work have also been presented. Students from BArch and MArch asked a question about onsite construction worker housing. Later, the guest lecturer Mr Aritra shared his experiences majorly the challenges of implementing Architecture designs on site. Six faculties and 113 students participated.	28 August 2021
17	Professor Aneerudha Paul	Kamla Raheja Vidyanidhi Institute for Architecture and Environmental Studies, Mumbai	Professor Aneerudha Paul, Kamla Raheja Vidyanidhi Institute for Architecture and Environmental Studies, Mumbai gave an expert lecture on the topic “The Socio-Spatial Aspects” of Dharavi Mumbai for seventh-semester BArch and third-semester MArch students in online mode. The expert was called for the lecture on “DHARAVI”. The BArch seventh-semester students have taken up a slum redevelopment project in Dharavi, Mumbai, for the same the understanding of the context through the expert view was necessary. Around 16 faculties and 100 students participated. Outcomes of the Program were the Lecture from the expert Professor Aneerudha Paul from KRVI, Mumbai, was very interesting in terms of the ground realities that were brought to light. The expert has worked extensively in this area and he has very well conveyed the various situations in this slum to the students. This was quiet awakening experience for the students and a great opportunity to understand the context of studying Dharavi through the expert from various perspectives such as an Architect/Urban Designer, Sociologist, Administrator, NGO, resident, etc.	6 September 2021

Sl	Visitor	Name of the Organization	Purpose of Visit	Date of Visit
18	Mr Prasad Vaidya	Director Solar Decathlon India, Energy Efficiency Head for IIHS, and eminent professional in India and US.	Expert lecture by Mr Prasad Vaidya and Mr Amanda Thounaojam—expert lecture on the topic Building Energy Efficiency and best practices for high-performance buildings for MDes Sustainable Design second-year students in online mode. Professor Vaidya detailed the opportunities for Architects to use low-embodied energy materials for the construction, design, and operation of net-zero buildings. Ms Amanda has introduced the state-of-art image processing technique to map and assess the glare in a built environment. Outcomes of the program were Motivation for BArch and MDes (SD) students for Vertical Design studio working on Energy Efficient Building Design, the BHAVAN scholarship program jointly offered by Indo-US partnership, Introduction to the concept of Glare, and the state-of-art processing and evaluation techniques. Approximately five faculties and 93 students participated.	13 September 2021
				
19	Mr Amanda Thounaojam	An Architect and Building Energy Analyst, Sustainable Energy Lab, IIHS, Bangalore	Expert lecture by Mr Prasad Vaidya and Mr Amanda Thounaojam—expert lecture on the topic Building Energy Efficiency and best practices for high-performance buildings for MDes Sustainable Design second-year students in online mode. Professor Vaidya detailed the opportunities for Architects to use low-embodied energy materials for the construction, design, and operation of net-zero buildings. Ms Amanda has introduced the state-of-art image processing technique to map and assess the glare in a built environment. Outcomes of the program were Motivation for BArch and MDes (SD) students for Vertical Design studio working on Energy Efficient Building Design, the BHAVAN scholarship program jointly offered by Indo-US partnership, Introduction to the concept of Glare and the state-of-art processing and evaluation techniques. Approximately five faculties and 93 students participated.	13 September 2021
				
20	Ar Falguni Budhraj	Communications and Research at HCP Design, Planning and	Ar Falguni Budhraj gave an expert lecture on the topic of Urban Design understanding of Central Vista-Delhi for seventh-semester BArch and third semester MArch UDD	15 September 2021

Sl	Visitor	Name of the Organization	Purpose of Visit	Date of Visit
		Management Pvt Ltd, Mumbai	students in online mode. The expert was called for the lecture on "Urban design understanding of Central Vista". The BArch seventh-semester students have taken up the Central Vista redevelopment project Phase 2, for the same the understanding of the context through the expert view was necessary. Around 14 faculties and 90 students attended the same. Outcomes of the program were the Lecture from the expert Ar Falguni Budhraj was very interesting in terms of the ground realities that were brought to light. The expert has worked extensively on this project and has a thorough knowledge of the history, development, and the existing scenario of the context. She has very well conveyed the background of this project context to the students. This was a quiet awakening for the students and a really great opportunity to understand the context of study through the expert from various perspectives.	
21	Mr Kavas Kapadia	Architect Planner from SPA New Delhi	Mr Kavas Kapadia gave expert lectures for BArch and MArch UDD students in online mode on the topic "Sustainable City". Outcomes of the program were students were able to use varied and valuable comments of an expert. Students were able to connect and interact with Professor Kavas Kapadia regarding sustainability. Three faculties and 200 students participated in the same.	17 September 2021
				
22	Mr Kavas Kapadia	Architect Planner from SPA New Delhi	Mr Kavas Kapadia gave expert lectures for BArch and MArch UDD students in online mode on the topic "Spaces and Places". Outcomes of the program were students were able to use varied and valuable comments of an expert. Students were able to connect and interact with Professor Kavas Kapadia regarding sustainability. Three faculties and 180 students participated in the same.	29 September 2021
23	Ms Sashikala Ananth	Architect-Vastuvidya, Tamil Nadu	Ms Sashikala Ananth gave an expert lecture on the topic "Architecture: The Design Principles of Vastu Shastra" for seventh-semester BArch students in online mode. Guest lecture on Architecture: The Design Principles of Vastu Shastra through MS	1 October 2021

Sl	Visitor	Name of the Organization	Purpose of Visit	Date of Visit
			teams by Sashikala Ananth one of the foremost experts in the field of Vaastu Shastra. An architect by qualification and holds a bachelor's degree in Architecture from the madras school of architecture. She shared her experience and addressed the students about the importance of Vastuvidya and traditional architecture in modern life. Outcomes of the program were students were able to understand the importance of the subject. Around eight faculties and 80 students participated.	
24	Ms Maya Vaidya	Architect and Teacher, Aurangabad	Ms Maya Vaidya gave an expert lecture on the topic "Introduction to History Theory and Criticism" for first-semester BArch students and faculty through online mode. The lecture helped the students get an overview of the subject (HTC) they will learn across different semesters. The subject expert explained the need to study the course and interpret the language the buildings convey. Through various examples, the students have explained the importance of buildings, what they said about the vision of the architect/builder, and how they reflected the values of the society of which they are a part of. Outcomes of the program were the lecture will help the students to constructively evaluate the past and present making them understand the social climate of the times put into the design, detailing, and materials in proper perspective. Four faculties and 152 students participated.	9 October 2021
25	Dr Karthikeya Acharya	Alumni, Design and User Experience Researcher of IoT and New Energy Services, Aarhus University, Denmark	Dr Karthikeya Acharya gave an expert lecture on the topic "Design Practice as Inquiry: From Interpreting People to Technology Building" for all batches of MArch, UDD and BArch. students in online mode. Future possibilities in Research and Design for Architecture, Interior, Product Design and Public Art. Integrating design thinking in research and vice versa with future technologies and interpretations of AI and Machine learning models. Exposure to new avenues of research, Design, Masters and Artforms, and interdisciplinary studies. Four faculties and 10 students participated	15 October 2021



Sl	Visitor	Name of the Organization	Purpose of Visit	Date of Visit
26	Ar Alex Jacob	Principal Architect - Alex Jacob Architect, Bangalore	Ar Alex Jacob gave an expert lecture on the topic "Office setup and Management" for seventh-semester BArch students in online mode. Ar Alex Jacob was invited to give insights on the topic "Architectural Office setup and Management". This guest lecture was conducted online through MS Teams and students of seventh-semester BArch participated in this guest lecture. This lecture covered various subtopics related to the subject. Four faculties and 148 students participated. The outcomes of the program were to outline the structure of an office and its management. Develop the conditions and scale of charges: engagement as per the norms.	26 October 2021
27	Ms Pooja Shanbhag	Grants Coordinator, MAHE	Online guest lecture on "Grants Awareness Session" by Ms Pooja Shanbhag, Grants Coordinator, MAHE for the benefit of our faculty members regarding Grant proposals and their management. The Grants Awareness Session was started with a Welcome address by Professor Dr Nandineni Rama Devi, Director, MSAP, and Professor Dr briefed on the Scope of the session. Pradeep Kini, Associate Director, R&C, MSAP, and the subject expert was introduced by Dr Resmi G, Assistant Professor-Senior Scale, MSAP. The following topics were covered by Ms Pooja Shanbhag, Grants Coordinator, Directorate of Research, MAHE. The question-and-answer slot helped the faculties clarify their doubts regarding the grants and notes of thanks delivered by Dr Resmi G. Outcomes of the program were: The session facilitated the faculties to clarify the process to be followed while applying for grants and the pre and post grants management activities. The session also gave the faculties of MSAP to clarify their doubts about applying for grants and the importance of updating the grants application status in the RMS portal.	13 November 2021
28	Dr Ashima Sood	Associate Professor, Anant National University, Gujarat	Dr Ashima Sood to give an expert lecture on the topic "Emerging trend of India's urbanisation – perspective from cities" for first-semester MArch, UDD students in online mode. The outcomes of the program	3 December 2021

Sl	Visitor	Name of the Organization	Purpose of Visit	Date of Visit
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were learning about the theory of Speculative urbanism and Indian Urbanism. Two faculties and 14 students participated

#### Details of Publications:

National		International	
Indexed	Non - Indexed	Indexed	Non - Indexed
3	1	15	5



#### Conferences attended by Institution faculty and students:

Faculty		Student	
National	International	National	International
8	12	0	0


#### Details of Conferences/Workshops conducted by the Institution:

Particulars	National	International
Workshop	9	0
Seminar	1	0
Other	21	1
CME/CDE	0	0
Conference	0	0

#### Books/chapters authored by faculty members:

Sl. No.	Name of the Book	Chapter(s) name (if authored, chapters only)	Faculty members	Publisher	Date
1	Industry, Innovation and Infrastructure 	Income Generation Through Infrastructure, Industry, and Innovation (Book Chapter)	Rituka Kapur (Co-Author)	Springer, Cham	9 January 2021
2	In Proceedings of the 10th International Conference on Smart Cities and Green ICT Systems (SMARTGREENS 2021), pages 27-34 	Energy Saving Potential in Building Envelopes through Energy Conservation Building Code and Design Alternatives in Warm and Humid Climate.	Dr Pradeep Kini (Co-Author) Pranav Kishore (Co-Author)	SCITEPRESS – Science and Technology Publications, Lda.	1 April 2021
3	10th International Conference on	Assessment of Building Integrated Photovoltaic Panels on Facades of	Pradeep Kini (Co-Author) Pranav Kishore (Co-	SCITEPRESS – Science and	1 April 2021

Sl. No.	Name of the Book	Chapter(s) name (if authored, chapters only)	Faculty members	Publisher	Date
	Smart Cities and Green ICT Systems	Commercial Buildings with Respect to Energy Conservation Building Code.	Author) Vipin Tandon (Co-Author)	Technology Publications, Lda.	
4	Environmental Science and Engineering Pages 19 - 392021 2nd Sustainable Development Research Symposium in the Asia-Pacific, SDRAP 2019, 19 December 2019 - 21 December 2019	Evaluating Architectural Design Schemes for Anganwadi Centre in Ajjarkad, Karnataka, India by Architectural Students Through Community Participatory Methods	Dr Nandineni Rama devi (Co-Author)	Springer, Cham	17 April 2021
5	Environmental Science and Engineering, Pages 103 - 1172021 2nd Sustainable Development Research Symposium in the Asia-Pacific, SDRAP 2019, 19 December 2019 - 21 December 2019	Importance of Developing Guidelines for Built Environment of Anganwadis and Its Influence Towards Meeting Sustainable Development Goals	Dr Pradeep Kini (First Author) Kala Choyimanikandiyil (Co-Author) Sri Charan (Co-Author)	Springer, Cham	17 April 2021
6	Environmental Science and Engineering Sustainability in the Built Environment in the 21st Century: Lessons Learned from India and the Region.	How a Little Design Project Means a Lot to a Community: Lessons Learnt from the Power of Partnerships in the Design of Anganwadi in Ajjarkad, Karnataka, India	Dr Nandineni Rama Devi (Co-Author)	Publisher Name Springer, Cham	17 April 2021
7	Lecture Notes in Civil Engineering	Response Control of Wind Excited Outrigger Structural System.	Dr Shantharam Patil (Co-Author)	Springer, Singapore	11 May 2021
8	Clean Water and Sanitation (Book)	Capacity Building in Water Resource Management in Developing Countries	Dr Nandineni Rama Devi (First Author) Shanta	Springer, Cham	12 June 2021

Sl. No.	Name of the Book	Chapter(s) name (if authored, chapters only)	Faculty members	Publisher	Date
			Pragyan Dash (Co-Author)		
9	Contaminants of Emerging Concerns and Reigning Removal Technologies	Solid Waste and Landfill Leachate: A transient source of emerging microbes and legacy contaminants for groundwater pollution.	Dr Sasmita Chand	Springer Nature Switzerland	1 October 2021
					
10	Urban Mining for Waste Management and Resource Recovery (Book)	Basic Concepts, Potentials, and Challenges of Urban Mining	Dr Sasmita Chand (First Author)	CRC Press	1 November 2021
11	Earthquakes and Structures (Book)	Seismic Vulnerability Assessment of Lifeline Buildings at Gangtok	Dr Shantharam Patil (Co-Author)	Springer	1 November 2021

#### Awards/Recognitions:

##### Institution (including "The Best Teacher Award" for the year)

Sl. No.	Name	Details	Date
1	India Today – MDRA Best Colleges Ranking – 2021 – Architecture	India Today-MDRA Best Colleges Ranking – 2021 (ARCHITECTURE)-Awarded 9th Rank in the Architecture Category.	1 July 2021
2	The Outlook-ICARE India's Best Colleges Rankings 2021 - "India's Best Colleges"	The Outlook-ICARE India's Best Colleges Rankings 2021 - "India's Best Colleges" - Architecture-2 Rank	2 August 2021
3	National Institute Ranking Framework	National Institute Ranking Framework- Awarded 18th Rank in Architecture Category	1 September 2021

#### Faculty Members

Sl. No.	Name	Details	Date
1	Dr (Professor) Deepika Shetty	Dr (Prof) Deepika Shetty, Professor, MSAP- Delivered an online lecture-Guest Lecture to our Masters Student of Sustainable Architecture on Heritage and Community Perspectives organized by Central University of Rajasthan	28 January 2021
2	Dr Nandineni Rama Devi	Dr Nandineni Rama Devi, Professor, MSAP - Recording of the Guest speech for Indo-Canadian Conference on Disability Rights and Rehabilitation at School of communication, MAHE on 9 March 2021 organised by MCHP, MAHE.	11 March 2021

Sl. No.	Name	Details	Date
3	Nikhil Surendra Kohale	Nikhil Surendra Kohale, Associate Professor, MSAP-Attended as a newly invited/ appointed BOS member in the BOS meeting with the Faculty of Design at Chandigarh University.	26 April 2021
4	Dr Nandineni Rama Devi	Dr Nandineni Rama Devi, Professor, MSAP-Speaker in COA initiated the TRC Online Training Program "Visual Research Methods in Architecture" for the topic: Tracking: A tool for Behavioural Research organized by The Council of Architecture - Training and Research Centre in collaboration with BKPS College of Architecture, Pune.	21 May 2021
5	Professor Sonali Walimbe	Professor Sonali Walimbe, MSAP-Judge at the Debate competition through virtual mode conducted by Manipal University Jaipur, Biotech Club, Department of Biosciences and Directorate of Admissions. The topic of the Debate is "Pedagogy Choice: Online or Offline".	10 July 2021
6	Amit Kinjawadekar	Observer of the Council to the Centre Code 210 (MICE, Mangalore) towards the conduct of NATA-2021 Examination on 11 July 2021 and Mock Test on 10 July 2021. At Manipal Institute of Computer Education (MICE), Mangalore	10 July 2021
7	Lulwa Khaleel	Observer of the Council for NATA 2021 to the Centre Code 718 (MICE) towards the conduct of the NATA-2021 Examination	11 July 2021
8	Dr Nandineni Rama Devi	Resource Person in "Architecture and Community Participation" course organized by the Manipal Academy of Higher Education (MAHE), Student Research Forum (SRF), under the aegis of Directorate of Research and Manipal College of Health Professions, MAHE, Manipal	4 September 2021
9	Manapragada Naga Venkata Sai Kumar	Represented MSAP and stood as runner-up in the quiz competition conducted during Faculty Development Programme (FDP) organised by Solar Decathlon India.	17 September 2021
10	Kumar Gaurav	Delivered a lecture on "Urban Transportations Systems and Planning" organized by the School of Architecture and Design, Galgotias University, Greater Noida.	6 December 2021

## Students

Sl. No.	Name	Details	Date
<b>Architecture</b>			
1	Namrata S Rao	BArch, fourth-year, eighth-semester, sec B participated in "National Level Business Plan Presentation Competition for SESRECs organized by Mahatma Gandhi National Council of Rural Education (MGNCRE), Hyderabad. She represented MSAP and MAHE"	1 February 2021
2	Mihir Shriram	Mihir Shriram, BArch, fifth-year won the second prize in the 5th Annual research on cities on the paper entitled "Negotiating the Right to the city in the smart city - Case of informal vendors in Chennai" presented along with Professor Purushottam Kesar. The conference was conducted by Xavier University, Bhubaneswar and witnessed the keynote speech by Mr Hitesh Vaidya and presentations by notable researchers from across the country. ARCS-5.0-Report.pdf (xub.edu.in) –	10 February 2021
3	Namrata S Rao	Namrata S Rao, fifth-year BArch participated in Volunteer Activities for Social Cause-Represented MSAP and MAHE in the National Level Business Plan Presentation Competition for SESRECs (Social Entrepreneurship, Swacchta and Rural Engagement Cell) organized by Mahatma Gandhi National Council of Rural Education (MGNCRE), Hyderabad.	19 February 2021
4	Namrata S Rao	"Sustainable Development Goals' Poster Design Presentation Competition organized by School of Business and Management, CHRIST (Deemed to be University), Bengaluru. She represented MSAP and MAHE"	23 February 2021
5	Namrata S Rao	Namrata S Rao, fifth-year BArch-Campus Ambassador of Jagriti Yatra, an All India initiative to connect students across the country for a social cause.	1 March 2021
6	Ar Anupa Ria Kurian and Ar Ashwika	BArch, Alumni-Won the award for Best Architecture and Interior Design (Residential Building) 2021.	2 March 2021
7	Kshirabdhi Tanaya Priyadarshini Sahu	MArch-Best Thesis projects at the National Final Jury of the Award Program on the topic "Revitalization of Shanhka Kshetra, Puri as a Heritage Zone"	10 March 2021
8	Namrata S Rao	Certificate of Appreciation for Designing Entry cards/Pass for Newspaper workers amidst Lockdown by SKS Services, Udupi	1 April 2021
9	Namrata S Rao	Namrata S Rao, fifth-year BArch participated in Volunteer Activities for Social Cause-Volunteer at WeAreUdupi, a voluntary initiative to help and support people with COVID-related information across Udupi-Mangalore. An app designed for the same, where all essential information is updated. Link for the app; <a href="https://covidcare-udupi.glideapp.io/">https://covidcare-udupi.glideapp.io/</a> , <a href="https://www.instagram.com/weareudupi/">https://www.instagram.com/weareudupi/</a>	1 April 2021

Sl. No.	Name	Details	Date
10	Namrata S Rao	Namrata S Rao, fifth-year BArch participated in Volunteer Activities for Social Cause in May 2021. Donated items and essentials to the children of Krishna Anugraha Orphanage and to the differently-abled ones of Hombelaku-Rehabilitation Centre, Manipal	1 May 2021
11	Sharmista Debnath	BArch, second-year, fourth-semester, sec A, participated in AMET-International Conference on Innovations and Research in Marine Electrical and Electronics Engineering ICIRMEEE 2021 organized by Department of Electrical and Electronics Engineering, AMET Deemed to be University, Chennai held outside the university. "Received-Best Paper Award" from International Conference.	17 June 2021
12	Sharmista Debnath	BArch, second-year, fourth-semester, sec A participated in the "8th Interdisciplinary Symposium on Material Chemistry" (ISMC 2020) BARC, Mumbai organized by Chemistry Division, Bhabha Atomic Research Centre, Mumbai and Society for Materials Chemistry, Mumbai held outside University. At National Level Received-Poster Presentation Certificate and Participation Certification "	19 June 2021
13	Moksh Parmar	BArch, first-year, second-semester, sec D participated in "Parakrama: Poetry Competition" (English) organized by MSAP. Around 38 students participated. "Received-first place in the competition".	5 July 2021
14	Aastha Prasad	BArch, second-year, fourth-semester, sec D participated in "Parakrama: Poetry Competition" (Hindi) organized by MSAP. Four students within the college participated in the competition and she received first place.	5 July 2021
15	Vaidurya Varambally	BArch, first-year, two-semester, sec D participated in "Parakrama: Poetry Competition (Hindi)" organized by MSAP. Four students within the college participated and she received second place.	5 July 2021
16	Pranjay Bhawsinghka	BArch, first-year, second-semester, sec D, participated in "Parakrama: Poetry Competition" (Hindi) organized by MSAP. Four students within the college participated and he received third place.	5 July 2021
17	Ms Shraddha Jathan	BArch, fourth-year, seventh-semester, sec D participated and secured "Third place" in the International Talent series PINUP by Archmello (Chapter 1-Paintings)	31 July 2021
18	Supreeth Acharya	BArch, third-year, fifth-semester, his name is mentioned in the "India Book of Records" on 12 August 2021, for making the smallest mandala art picture depicting letters of the English alphabet.	12 August 2021
19	Ar Sahitya	BArch, alumni were interviewed by "Bombay Film Production" on Blending classic and Contemporary Perfectly.	1 September 2021
20	Nirali Salian and Akarsh U Vagman	BArch, fourth-year, seventh-semester student received "Honorable Mention" title in "Home_2021", an	5 September 2021

Sl. No.	Name	Details	Date
		international architecture competition organized by Archiol Associated with Artuminate.	
21	Vachan Ballal	BArch, three-year, seventh-semester, sec D, secured third place in the "Product Design Competition" held between 5 June to 19 September 2021 organized by Bamboo Society of India, Karnataka Chapter and IID, Bangalore Regional Chapter	19 September 2021
22	Shalom Aureole Brittos	Received the Indian Institute of Architects (IIA) medal for Best Outgoing Student of the Year 2021.	30 September 2021
23	Ms Susan Simons	BArch, fourth-year, eighth-semester, sec D was awarded "Best Paper Presentation Award" at ICHTR – 2021, organized by MAHE Students Research Forum under the aegis of Directorate of Research, MAHE, Manipal, from 11 to 13 November 2021.	13 November 2021
24	Ms Namratha S Rao	Contributed to Planning, Redesigning and Renovation work of the "Daycare Facility at MAHE-VSO".	1 December 2021
25	Namrata S Rao	Namrata S Rao, fifth-year BArch participated in Volunteer Activities for Social Cause organised by Krishna Rotaract Club and Rotary Club, Udupi. World Environment Day and Yoga Day were celebrated with Children of Sri Krishna Balanikethan Orphanage. <a href="https://www.instagram.com/srikrishna.rotaract/">https://www.instagram.com/srikrishna.rotaract/</a>	31 December 2021
			
26	Mihir Sriram	Won second prize in the 5th Annual research on cities on the paper entitled "Negotiating the Right to the city in the smart city-Case of informal vendors in Chennai" at a conference conducted by Xavier University, Bhubaneswar.	31 December 2021
27	Ar Avinash Singh	BArch, alumni were awarded Global Architect and Builder Award 2021, International Award-winning Luxury Villa Project New Delhi.	31 December 2021
28	Nidhisha Loknath, Megha Rajashekar, Sai Keertana Vunnava, Shraddha Jathan, Suprita Vishnuvajhala, Vachan Ballal, Yasasvi Paladugu	BArch, a three-year, seventh-semester, was shortlisted for the Facade design competition organised by the Archaeological Department of the Haryana Government.	31 December 2021
29	Mr Shanik	Alumni, Executive, MArch won the Mr Thrissur at "Hello Fashion 2021 beauty pageant" show held at Thrissur and he also won the subtitle of Mr Shining Star.	31 December 2021
30	Abhinava Sen	Placed in the top 15 in International Talent Series PINUP by Archmello (Chapter -1 Paintings).	31 December 2021
31	V Hariharan, Mirsa Mosa,	"Honourable Mention" for their "Design Competition Entry for the 6th International Architectural Competition" by	31 December 2021




Sl. No.	Name	Details	Date
	Mohammed Nasrat	"Archmello MasterPeace - A Meditation and Yoga Retreat Centre Design Challenge".	
32	Nirali Salian, Samridhi Nayak, Ratna Priya	BArch, a fourth-year, seventh-semester, an Urban Context Studio project was shortlisted for the "TOP 50" projects in The Dharavi Project competition, an international architecture competition organized by Archdais.	31 December 2021
33	Ar Sumedha Sah	BArch, alumni-Worked on the project- "Redevelopment of the Railway Museum", Mysore.	31 December 2021

### Extra-Curricular Activities:

#### Cultural Activities:

##### In Institution:

Sl. No.	Event	Details	Date(s)
1	Parakrama: Poetry competition	Celebration of 125th birth anniversary of Subhash Chandra Bose through online mode. Online Category: Hindi (SubhashkiNeev) and English (A Vision of Revolution) for students of the institution. Around 38 students participated.	5 July 2021
2	Independence Day Events	Competitions: Tricolour food making. Transition reel Digital Art Mode: Online.	19 August 2021
3	Awareness against single-use plastic-Quiz Competition	Theme-Awareness against single-use plastics through online mode via MS forms. Around 97 students participated.	23 October 2021
			
4	Observance of Vigilance Awareness Week 2021	Event 1-Faculty members were requested to take an online pledge. Around 60 faculty members had taken the pledge in the previous years and the remaining 10 faculty (newly joined) took the pledge this year. Event 2-Mails were sent to all students to take the online pledge and 49 students have submitted the online pledge e-certificate to the institute. Event 3-For master's degree classes, the online live pledge was administered by the respective faculty members. (Around 35 students) Event 4- Posters sent from UGC were displayed on the institute notice boards. All faculty members and students were requested to encourage their family members to take the online pledge. The outcome of the program was that the program created awareness among the students and faculty members that corruption has been one of the major obstacles to the economic, political, and social progress of our country and we have to work together to eradicate corruption.	26 October 2021

**Inter Institution:**

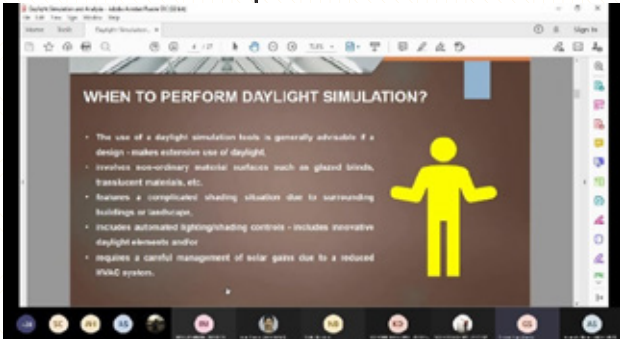
Sl. No.	Event	Details	Date(s)
1	E-poster making competition	Under NashaMukt Udupi Abhiyan organized by: Department of Students Affairs, MAHE Mode: Online. 2021	26 June 2021



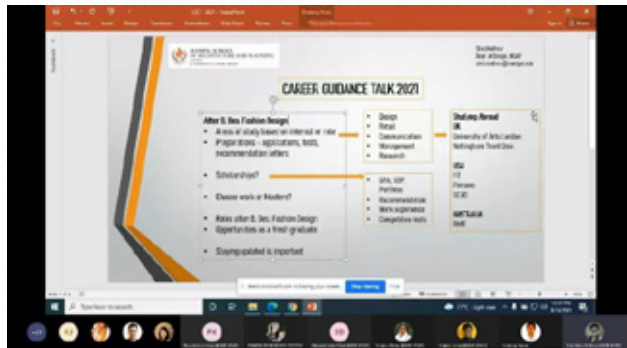
**Outside University**

Sl. No.	Event	Details	Date(s)
1	Rotary Young Leadership Award	Held for students through online mode.	5 June 2021
2	Designuru Exhibition Bengaluru	Around 27 students participated in offline mode.	15 December 2021

**Photo Archive of Important events**



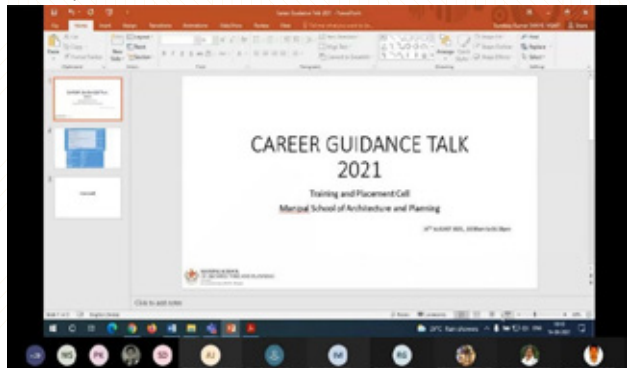
"Daylight Simulation Workshop"-Two-day workshop on Daylight Simulation using Rhino-Grasshopper and Honeybee-Ladybug by Expert Ar Nikhil Bhandari and Ar Garima Singh on Saturday for our BArch eighth-semester, MArch, second-semester and MDes Sustainable Design, second-semester students through online mode on 27 February 2021.



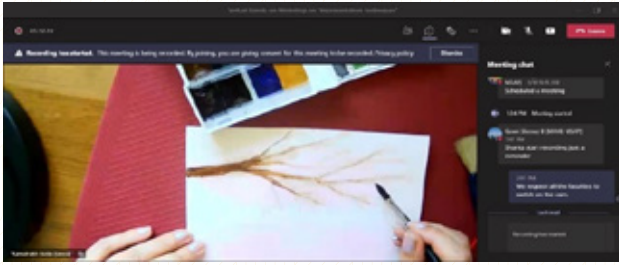
Ar Sumedha Sah gave an expert lecture on the topic "Masters in Sustainable Architecture" and her experiences in various projects for BArch. and fourth-year and fifth-year and BDes (ID) students in online mode on 14 August 2021.



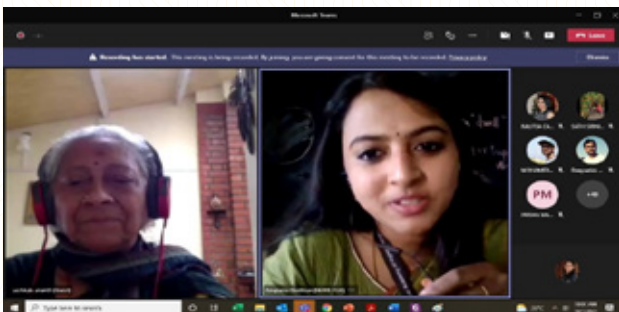
IALD Student Workshop 2021 titled "Nightscape of Asian cities, now and future" is a lighting workshop being held in Japan from February to November 2021. Student teams from six countries, China, South Korea, Thailand, Singapore, India, and Japan, studying lighting design took part in the workshop.



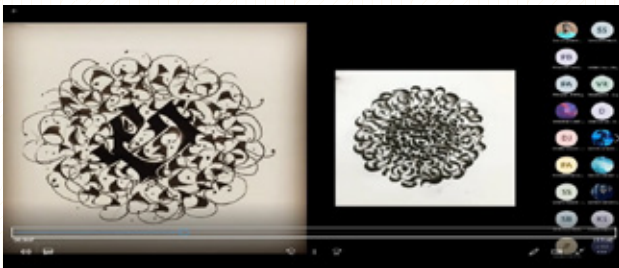
Career Guidance Talk 2020-21: This session was held for the benefit of students of all programs at MSAP - BArch, BDes (ID) and (FD), MDes (ID), MDes (SD), MA (FM) on 14 August 2021 through online mode.



Hands-on workshop, rendering techniques by Ms Kamalrukh Gotla, for first year's Architecture and Design students hand skills and colouring skills are very important, it will help to add life to their drawing and design work 15 April 2021 through online mode. Mr Bazil Mota conducted Online Workshop-Water Colour Handling Techniques for first-year students (BArch, BDes (ID), and BDes (FD) on 15 September 2021.



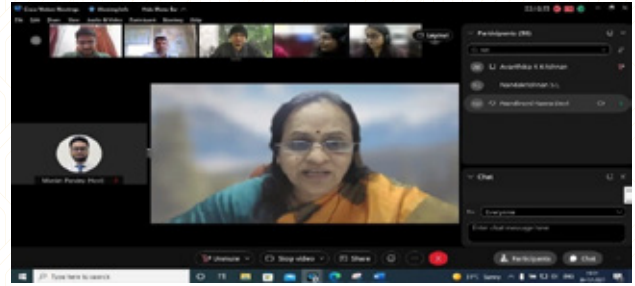
Ms Sashikala Ananth gave an expert lecture on the topic "Architecture: The Design Principles of Vastu Shastra" for seventh-semester BArch students through online mode on 1 October 2021.



Mr Mohan Kumar E conducted Online Workshop on Calligraphy Writing for first-year students BArch, BDes (ID) and BDes (FD) on 9 October 2021.



National Cyber Security Awareness Month-October 2021 on 23 October 2021 at MSAP, MAHE, Manipal. The world observes October of every year as National Cyber Security Awareness month with an aim to increase cyber security awareness and cyber resilience of the Nation through online mode.



An online three-day training program on "Geospatial Applications for Disaster Management" from 28 to 30 December 2021 organized by the National Institute of Disaster Management, Ministry of Home Affairs (GoI), New Delhi and MSAP, MAHE. A webinar on "Integrated Water Resource Management, Hydro-Resilience and Sustainability under Climate Change" on 16 December 2021 from 2:30 pm to 4:00 pm was organized by the National Institute of Disaster Management, Ministry of Home Affairs (GoI), New Delhi and MSAP, MAHE, Karnataka.



"Awareness to avoid the use of Single-Use Plastics" on 23 October 2021 (Saturday) from 12:00 pm to 12:40 pm (40 minutes). As part of a campaign launched by the Government of India – "Azadi Ka Amrit Mahotsav" to celebrate the achievements of the country and its people. Based on this theme, an online quiz was organized by the MSAP Student council and Cultural committee for the institution's students via the Microsoft Quiz form.



# Welcomgroup Graduate School of Hotel Administration

Address: Fortune Inn Valley View, Manipal - 576 104 (Karnataka)

Phone Number: +91 820 2923226

Email-Office: office.wgsha@manipal.edu      Principal Email: thiru.k@manipal.edu



Name of the Principal: K Thirugnanasambantham

Established: 1986

## Details of Programs offered by the Institution:

- Bachelor of Hotel Management (BHM)
- BA (Culinary Arts)
- MSc Dietetics and Applied Nutrition (MSc DAN)
- Master of Hotel Management (MHM)
- MA (Indian Cuisine and Food Culture)

## About Institution/School:

The Welcomgroup Graduate School of Hotel Administration (WGSHA) at Manipal Academy of Higher Education (MAHE) provides the most

relevant, ground-breaking hospitality and culinary education in the country. One of the innovative ways adopted to provide the best quality hotel management education and training was an enduring collaboration with ITC Limited in August 1987. This academic collaboration of more than 34 years is one of its kind effort in the country, which had an unique effect in the creation of an exclusive academic space globally nurturing the finest hospitality, and culinary management graduates. The ITC Fortune Inn Valley View hotel being attached to

the college as a training facility as well as the presence of regular visitors from various ITC hotels gives an added flavour to reduce the industry-academia gap largely. Our degree programs are known for instilling the right mix of industry know-how, creativity and entrepreneurial spirit. Our motto is to train the managers of tomorrow and it is strongly supported by MAHE and ITC Hotels. We focus on the acquisition of balanced theoretical and practical knowledge validated by internships in some of the most reputed hotel chains in the country and abroad to gain practical experience. The unique selling point of education at WGSHA is the practical exposure to students through organizing a variety of curricular and co-curricular activities such as food festivals, theme dinners, sit-down dinners, simulations, entrepreneurship development cell activities, and student run restaurants and bakeshops on campus and organizing outdoor catering events. Lecture series by the name, "Lessons in Excellence" were commenced for all WGSHA faculty by academicians of eminent institutes from India and abroad to promote collaborative research, faculty exchange, etc. Some other quality initiatives are: TIPS (Teachers, Industry, Parents, Students) - Stakeholder Alignment and Engagement in an online mode for accelerating

hospitality career, faculty and student run organic vegetable and herb Garden and Welcomgroup Entrepreneurship Development Cell (WEDC) and Faculty Assisted Study and Training (FAST) Program. The majority of our graduates find relevant employment while completing the programs or shortly after graduation and a large majority of our alumni are in senior management positions and C-suite positions. Many WGSHA graduates also go on to start businesses in new, fast-growing areas of the hospitality industry, e.g., Chef Vikas Khanna, Chef Maneet Chauhan, International Sommelier and Wine Entrepreneur Mr Rajat Parr. The strong alumni network across the globe enhanced the visibility of WGSHA and contributed in achieving 26th rank globally by CEO World Magazine. WGSHA has been ranked as the number one Supreme Hotel Management Institute in India consecutively since the year 2007 (GHRDC Hotel Management Institutes Survey, 2021); number one among Top Hotel Management Colleges in India by The Week – Hansa Research - Best College Survey 2020; number two among the Best Hotel Management Colleges in India by India Today- MDRA Best Colleges Ranking 2020 and number one among India's Top Hotel Management Colleges (private) in Outlook India's Top Professional College Rankings 2021.

### Institutional Activities/Curricular Activities

#### New Initiatives:

Sl. No.	Activity	Particulars	Date(s)
1	MA (Indian Cuisine and Food Culture)	<ul style="list-style-type: none"> <li>To train and develop students in Indian Cuisine and Food Culture through industry interface and culinary experts.</li> <li>To strengthen students' knowledge and skills with instructions based on Indian tradition and culture.</li> <li>The course also aims on enhancing learning menu planning as per festival, quantity preparations and management of resources.</li> <li>To develop competencies to understand Ayurveda and wellness cooking.</li> </ul>	9 November 2021




**All other activities in the department relating to the program/course:**

Sl. No.	Activity	Particulars	Date(s)
1	BHM 	An expert session on “Introduction to MOOC/Coursera” was organized for the third-year students of BHM as a part of the module – BHM335 by Mr Adarsha Lathiks, Senior Manager - Corporate Strategy and Planning, Manipal Global Education Services.	11 January 2021
2	BHM	Launch of Floyd Cardoz Scholarship – a noble initiative of instituting a scholarship by Mr Sameer Seth, Founder and CEO, Hunger Inc. who runs the popular restaurant “Bombay Canteen” in Mumbai. As a tribute to Chef Floyd Cardoz and his love for teaching, every year, one aspiring culinary student will get the opportunity to receive a fully sponsored three-year Culinary Graduate Degree from WGSHA. This initiative from the founders of Bombay Canteen aims at providing high standard training to promising chefs who aspire to attain a career in culinary arts. Vice Chancellor, Dr Venkatesh as the Chief Guest of the program.	21 January 2021
3	All Program 	Faculty Development Program 4.0 - optimization of online education by Dr Professor Sudhir Andrews, the Father of Hospitality Education in India (Recipient of Rashtriya Gaurav Award and Rajiv Gandhi Award of Excellence).	23 January 2021
4	All Program	The Republic Lunch by students from Gastronomy Club in Mess.	27 January 2021
5	BHM 	Fire Prevention workshop for second-year BHM students by Mr Leslie Joseph D’Souza, Chief Fire Safety Officer, MAHE.	31 January 2021
6	All Program 	Expert session on research entitled “Language of Research” for fourth-year BHM conducted by Dr Rajasekharan Pillai K , Professor Manipal Institute of Management, MAHE.	1 February 2021
7	All Program 	Organized Staff Training   Tips on MS Excel for the non-teaching staff by Mr Raghavendra, Assistant Professor-Selection Grade, WGSHA, Manipal.	5 February 2021
8	BHM and MHM 	Workshop on “A Road Map to your Career Ahead!” for third-year BHM and MHM students Ms Sarina Menezes from TailWind Consulting, Alumna WGSHA, fourth course.	6 February 2021

Sl. No.	Activity	Particulars	Date(s)
9	All Program 	IQAC WGSHA conducted a Faculty Professional Development Workshop: Assessment of Outcomes in OBE. It was given by Professor Dr Anand R, Pulmonary Medicine, Head of the Department of Medical Education in KMC, Mangalore.	6 February 2021
10	MHM 	MHM organized a Management Development Workshop on Leadership Series by Ms Sarina Menezes (Tailwind Consulting, Alumna WGSHA, fourth course).	6 February 2021
11	BHM 	An expert session for the third-year BHM students was organized in the form of a Guest lecture titled "Research Paper Writing". This was a part of BHM 360 Hotel operations projects and given by Dr Nandan Prabhu, Associate Professor Manipal Institute of Management, MAHE.	12 February 2021
12	All Program 	IQAC WGSHA organized Faculty Professional Development Webinar on "Flipped Classroom" by Dr Ciraj AM, Professor in the Department of Microbiology, MMMC and Deputy Director, CCEID MAHE.	13 February 2021
13	MHM 	Department of Allied Hospitality Studies, WGSHA organized an Expert Lecture Webinar on "International Human Resource Management" by Mr Jorely Mathew, Area Director Host Engagement - Thailand & Group Director of Learning and Development Soneva Resorts, Bangkok 10110, Thailand, for first-year MHM students.	15 February 2021
14	BHM and BACA 	WGSHA organized a webinar with Chef Deepankar Khosla - Chef & Co-owner at Haoma, Bangkok, Thailand - (Alumnus 22 Course BHM), for second-year BHM and BACA students on the topic, "Prototype of Futuristic Restaurants".	23 February 2021
15	BHM and BACA 	WGSHA conducted its third session of the Hotel Affiliation Series on Hilton Hotels and Resorts. We had a guest speaker, Mr Prakash Viswanathan who is the Cluster Commercial Director for Hilton Indonesia and is also an alumnus of WGSHA from the 15th batch BHM. Mr Viswanathan.	24 February 2021
16	BHM and BACA 	WGSHA organized an expert session by its very own alumnus Chef Vipul Gupta. This session was conducted for the students of third-year BHM and second-year BACA students. The topic of his session was, "Working in Restaurants & Hotels – A Comparison & Career Paths".	24 February 2021

Sl. No.	Activity	Particulars	Date(s)
17	BHM and BACA 	“Storytelling session for aspiring hoteliers” was conducted by Col K C Menon, Regional Advisor, South India-ICSI International Chamber for Service Industry for the students of 10th course BACA, in several batches.	25 February 2021 to 27 February 2021
18	MSc DAN  	Department of Dietetics and Applied Nutrition conducted an Expert Lecture series webinar on the topic, “Promotion of Local and Indigenous foods with a focus on Dietary Diversity” by Dr Dharini Krishnan who is the Director of DV Living Sciences Enterprise Pvt Ltd, the Secretary at Eco Science Research Foundation, Consultant dietitian at various clinics, a genetic consultant and former National President of Indian Dietetic Association and former chairperson of Registration Board of Indian Dietetic Association, Former Chennai Chapter President of Indian Dietetic Association.	26 February 2021
19	All Program 	In continuation with the FDP program and Lessons in Excellence, WGSHA organized a session titled, “FDP 5.0 - Will blended learning become the future of Hospitality Education?”. This session was conducted by Professor Arend Hardorff, the Dean and member of the Board of Directors at Hotel school The Hague, Netherlands.	27 February 2021
20	BHM and BACA 	WGSHA organized a webinar on “Post COVID - 19: Service Scenario and Service Revamping” for students of BHM and BACA first-year as a component of their subject affiliation to Hotels by Mr Akash Singh Rathore, Head of food and beverage operations Hilton Garden Inn- Lucknow.	1 March 2021
21	BHM 	WGSHA organized an expert lecture series on “The Journey from WGSHA to Corporate World” by Alumna Ms Priya Chandramouli, Manager, Kearney, Mumbai (Alumna 22nd Course), from 10:00 am to 11:00 am, fourth-year BHM (32nd course).	4 March 2021
22	BHM and BACA 	WGSHA organized a session, “Up-Close and Personal with Alumnus Chef Vivek Desirazu”. Chef Vivek Desirazu is currently the Executive Chef – Restaurant and Catering, Amber India Restaurant, San Francisco, USA (Alumnus 17 Course BHM), for fourth-year BHM and third-year BACA students.	5 March 2021
23	All Program 	The session on academic writing was organized by The Centre for Hospitality and Tourism Research (CHTR), WGSHA on 6 March 2021 for the faculty of WGSHA. In the workshop, Dr K P Nandan Prabhu, Associate Professor, Manipal Institute of Management - MAHE delivered a lecture on the topic, “What is the ideal structure of an empirical research paper in management research?”	6 March 2021



Sl. No.	Activity	Particulars	Date(s)
24	All Program 	WGSHA is proud to have organized the launch of the 'Lourdes Scholarship' which was held on 6 March 2021 at 2:00 pm. The Chief Guest of the program was Dr Rohit Singh, Director Alumni Relations, MAHE, Manipal. We are truly humbled by Nicholas Machado's thoughtfulness to contribute in such a meaningful way. It will definitely make a difference for the institution and all of us are very proud of him. This scholarship will contribute 1 lakh INR every year to the selected student's tuition for the duration of their course. The program will also include a mentorship under Nicholas and faculty during the student's time at WGSHA to help the student gain all the necessary skills that the student would need for the job. The program was attended by faculty members, and it was a live program on Facebook for the public to attend as well.	6 March 2021
25	All Program 	International Women's Day 2021 was celebrated in WGSHA.	8 March 2021
26	MHM 	Second-semester MHM Orientation was organized by WGSHA to provide an overview to first-year MHM students. On the first day, the session started with the address of the Course Co-Coordinator Mr Paritosh Dabral followed by respective Module Leaders, who explained their course structure and methods of evaluation. The day ended with a motivational and inspirational speech by The Principal, Chef Thirugnansambantham. Day two began with an expert talk by our alumnus Mr Sahil Ranaut, who is currently working as an Area Director Revenue Management, South India (Hyderabad) with Hyatt Hotels. This was followed by an informative session from Mr Sushant Raj, who is currently working as Assistant Sales Manager with ITC Kohenur, Hyderabad. Both the sessions were followed by a questions and answers round between students and the speaker and was concluded with a vote of thanks. The event was moderated by Mr Shikhar Jaitley (Assistant Professor-Senior Scale) and Mr Paritosh Dabral (Assistant Professor-Selection Grade). Kenneth and Takshanda (MHM Students first-year) extended their support for smooth coordination.	8 March 2021 to 9 March 2021
27	MHM 	The Seminar on "Struggle for Freedom" was organized under the leadership of Chef K Thirugnansambantham, Principal WGSHA and Mr Rajshekhar, Vice Principal, WGSHA. The purpose of this seminar was to provide information about the importance of 12th March in Indian History to first-year MHM students on 12 March 2021. The session was conducted by Professor V Hiregange, Director of Gandhian Centre for Philosophical Art and Science.	12 March 2021
28	All Program	WGSHA organized Lessons in Excellence 4.0 (FDP Part 2)- "Optimizing Online Education" by Dr Professor Sudhir Andrews,	13 March 2021








Sl. No.	Activity	Particulars	Date(s)
		The Father of Hospitality Education in India (Recipient of Rashtriya Gaurav Award and Rajiv Gandhi Award of Excellence).	
29	MSc DAN 	The Expert Lecture Series in Nutrition (2.0) was organized by the Department of Dietetics and Applied Nutrition, WGSMA, MAHE, Manipal on 26 March 2021 using the MS Teams platform. Dr Asna Urooj, Professor, DOS in Food Science and Nutrition, University of Mysore, Mysuru was invited to conduct the webinar titled, "Medical Nutrition Therapy: A key to management of Type 2 Diabetes". The faculty and MSc DAN students of WGSMA and Dieticians of KMC Hospital were the audiences.	26 March 2021
30	All Program 	WGSMA organized an Industry-Academia Interface Lecture Series by Mr Vikram Cotah - CEO, GRT Hotels Chennai, Mr Cotah drew our attention to the fact that learning is emerging as the new currency. In these times, soft skills, upskilling, reskilling, mental wellbeing etc., are becoming increasingly important.	27 March 2021
31	BHM 	WGSMA organized an expert lecture series on "How WGSMA shaped me into a multi-faceted professional in America" for the third-year BHM (33rd course), and second-year BHM (34th course). The lecture was given by Kunal Lamba, Principal - Kunal Lamba Restaurant Consulting Services, New York City, USA(Alumnus 12th Course, BHM, WGSMA) Restaurant Consultant, Entertainer, and TV Personality.	30 March 2021
32	BHM 	An expert talk on "Storytelling for Aspiring Hoteliers" was organized by WGSMA, MAHE, Manipal from 30 March to 1 April 2021 using the MS Teams platform. Colonel K C Menon, Regional Advisor (South India) – ICSI International Chamber for Service Industry addressed and interacted with the 35th Course BHM students in six different sessions.	31 March 2021 to 1 April 2021
33	BACA 	WGSMA organized, the three-day lecture series on "Food, Sociology and Anthropology" by Chef Shri Bala for second-year BACA students.	5 April 2021 to 7 April 2021
34	All Program 	The up-close and personal session was held with Chef Vasisht Subramanian, Corporate Executive Chef at Honest Restaurants, USA, (Alumnus 18th Course BHM WGSMA).	7 April 2021
35	All Program 	WGSMA organized a guest lecture session on "Connecting the dots through review of the literature" as a part of a course titled 'Master Thesis' by Ms Maria Tresita Paul, UGC Senior Research Fellow, of Bharathiar School of Management and Entrepreneur Development, Bharathiar University, Coimbatore, Tamil Nadu.	12 April 2021

Sl. No.	Activity	Particulars	Date(s)
36	BHM and BACA 	WGSHA organized the Affiliation to Hotel Lecture Series by Mr Gaurav Singh, Market Vice President South and East India, Bangladesh and Sri Lanka, Marriott Hotels India Pvt LTD.(Alumnus 11th Course BHM.) for first-year BHM and BACA students.	13 April 2021
37	All Program 	Under the leadership of Chef K Thirugnanasambantham, Principal WGSHA and Mr Rajshekhar, Vice Principal, WGSHA, organized a “Train the Trainer” workshop to provide information on aligning teaching effectively with learning styles to newly joined WGSHA faculty. The lecture was given by Ms Sarina Menezes, Tailwind Consultancy (WGSHA Alumnus 4th Course).	21 April 2021
38	MSc DAN 	Expert lecture series 6.0 on Medical Nutrition therapy in gastrointestinal disorders by Mr R Dhananjayan was organized by the Department of Dietetics and Applied Nutrition for students of first-year MSc DAN as a part of the Therapeutic Dietetics module by Mr R Dhananjayan, Clinical Nutritionist, Dial for a Diet, Joint Secretary, Indian Dietetic Association (Chennai).	24 April 2021
39	MHM 	A guest lecture session on “Literature Review – A Scholar’s Perspective’ was organized as a part of the course titled Master Thesis. Ms Deeksha Sanjay Shetty, Senior Research Fellow, Department of Management Studies, National Institute of Technology, Surathkal, Karnataka was invited to deliver a guest lecture session to explain the mechanics of writing a literature review in a postgraduation thesis.	26 April 2021
40	BACA 	The sessions on “Campus to Corporate” for 9th Course Culinary Arts students was conducted in two parts by the ‘Tasty Teaching’ team comprising Chef Gyanavel Ravindranath along with his colleagues Ms Evelina and Ms Vivian. The ‘Tasty Teaching’ team was formed during a virtual Culinary Hackathon held in July 2020. The first session started off on 26 April 2021. ‘Tasty Teaching’ focuses on Mental well-being through Culinary Pedagogy and Mindful eating. The first session was an introductory session about the people who work in Tasty Teaching and how they have been working towards achieving their goals. In the second part of the session, the students were introduced to a website “Wonder.me” which was used to conduct fun and interactive activities with the students. The sessions were conducted for five consecutive days and ended on 30 April 2021.	26 April 2021 to 30 April 2021
41	All Program 	WGSHA organized an expert session on “Asset Management, Mergers and Acquisitions” by Mr Girish Shetty, Director Hotel Acquisition-Global Market, CP Group, Auckland, New Zealand (Alumnus 3rd Course BHM).	30 April 2021
42	All Program	The literary club planned an amazingly virtual fun activity on 8 May 2021. The event was called ‘Connecting Tales (Haiku Jam)’. The game was very simple and fun to play, as it bought out the	8 May 2021

Sl. No.	Activity	Particulars	Date(s)
		creativity inside of the participants. The participants were assigned a number and the moderator then selected a story prefix; each participant then continued the storyline with regard to their previous participants.	
43	MSc DAN 	The Expert Lecture Series in Nutrition (2.0) was organized by the Department of Dietetics and Applied Nutrition, WGSMA, MAHE, Manipal on 10 May 2021 using the MS Teams platform. Dr Chandan Vinay S, Dietician, ESIC medical college and Model hospital, Rajajinagar, Bengaluru was invited to conduct the webinar on Medical Nutrition Therapy in Thyroid disorders. The faculty and MSc DAN students of WGSMA and Dieticians of KMC Hospital were the audiences.	10 May 2021
44	BHM 	Alumni lecture series on the topic Hospitality Insights and Verticals was conducted in virtual mode - Zoom platform by Ms Shalini Iyer, Director of Business Development and Training Consultant, Nina and Pinta, North Carolina, USA and WGSMA Alumna 13 Course BHM (1998 – 2002 batch) for BHM students.	12 May 2021
45	MSc DAN 	The Expert Lecture Series in Nutrition (2.0) was organized by the Department of Dietetics and Applied Nutrition, WGSMA, MAHE, Manipal on 13 May 2021 using the MS Teams platform. Dr K Sunitha Premalatha, AGM Chief Dietician, Yashoda Hospital, Somajiguda, Hyderabad was invited to conduct the webinar on Medical Nutrition Therapy for COVID-19 patients: Case Scenarios. The faculty and MSc DAN students of WGSMA and Dieticians of KMC Hospital were the audience.	13 May 2021
46	BHM, BACA and MHM 	As a part of the expert lecture series, WGSMA organized a webinar by Ms Shruti Sain, CFO Sustainability Technology Solutions, Honeywell, Atlanta, USA and Alumna of WGSMA from BHM 13th course, on 14 May 2021 for fourth-year BHM, third-year BACA and first-year MHM students.	14 May 2021
47	All Program 	On the occasion of World Baking Day, WGSMA, "Mad Over Baking" club (MOB) conducted 'WGSMA Bake-Quest', an online Bakery Quiz competition. This competition was divided into two levels: Basic and Advanced. The Basic level was open to the first-year students of BHM, BACA, MHM and MSc Dietetics and Applied Nutrition	17 May 2021
48	BHM 	WGSMA organized an expert session on "Impact of Tourism in India" with Shri Mohamed Farouk - Director, India Tourism Bengaluru, Ministry of Tourism, Government of India for the students of the third-year Bachelor of Hotel Management (BHM) 33rd Course, WGSMA.	17 May 2021
49	MSc DAN	The Expert Lecture Series in Nutrition (2.0) was organized by the Department of Dietetics and Applied Nutrition, WGSMA, MAHE, Manipal on 19 May 2021 using the MS Teams platform. Ms Janani Tamilvanan, Founder and Director, Institute of	19 May 2021




Sl. No.	Activity	Particulars	Date(s)
		Nutrigenomics; Founder, Genoese Wellness, Coimbatore was invited to conduct the webinar on "Decode Nutrigenome - All you need to know about nutritional genomics and its application". The faculty and MSc DAN students of WGSHA were the audience.	
50	BHM and BACA	WGSHA organized a workshop on Personal Branding and it was conducted as a part of the subject, 'Ability and Skills Enhancement' for 35th Course (BHM) and 10th Course (BACA) students. The workshop was focused on Personal development with respect to a successful career in the Hospitality industry. The session expert was Ms Deepti Dange, Image, Etiquette, Communication, Grooming and Style Coach, Director and Founder, Persona-Stars Image Management.	26 May 2021 to 4 June 2021
			
51	BHM and BACA	Webinar on Career at Food & Beverage service by Mr Herman D'Costa, Restaurant Manager, the Palace Downtown Hotel Dubai, UAE. Mr Costa enlightened the students of BHM and BACA on how to build a career in the F&B industry and the career prospects in the F&B department.	26 May 2021
			
52	BHM and MHM	Under the leadership of Chef K Thirugnanasambantham, Principal WGSHA and Mr Rajshekhar, Vice Principal, WGSHA, the webinar on "OTA Insight: Support and Solutions for Hospitality Industry" was organized to provide information about the Market intelligence tools available in the hospitality industry. The audience was first-year MHM and 32nd Course students. The webinar was given by Mr Sachin Koshe, Business development manager, Indian Subcontinent OTA insight Ltd., Chennai.	28 May 2021 to 29 May 2021
			
53	All Program	WGSHA is happy to organize the Guest Lecture on "Insights into services marketing" being taken by Dr Shirshendu Ganguli, Associate Professor, Marketing TAPMI.	28 May 2021
			
54	BHM	Ability and Skill Enhancement Lecture series was organized for 35th course BHM students, WGSHA, MAHE, Manipal on 2 June 2021 using the MS Teams platform. Mr Senthil Rajamani, Director of Operations and Business Development, Xeenius Technology USA was invited to conduct the webinar on "Who am I? Discovering Oneself".	2 June 2021
			
55	All Program	WGSHA organized Faculty Development Program on the topic "The Role and Contributions of Mini-Case to support Teaching Business Subjects" by Dr Jay Kandampully, Professor of Service Management in the Department of Human Sciences, Ohio State University, Columbus, USA.	4 June 2021
			
56	All Program	An expert session on "Role of an Executive Housekeeper in a Pre-Opening Property" was organized for the students of WGSHA by an expert - Mr Sreenath Krishnan, who works as an Executive	4 June 2021

Sl. No.	Activity	Particulars	Date(s)
		Housekeeper at Zula Wellness resorts in Qatar on the MS Teams platform.	
57	All Program	Mr Sherin Mathew, who is the commercial director for Hilton Chennai took a session about the “Nuances of sales in the hospitality industry”.	5 June 2021
			
58	All Program	WGSHA organized an online webinar on “Experiential Luxury: A Global Perspective” by Professor Dipra Jha who is currently working as an Assistant Director of the School of Hospitality Business Management at Washington State University.	7 June 2021
			
59	All Program	WGHA organized a Resource Pricing and Control session for the students of WGSHA by Mr Akshay Vijay, Vice President, Travelio.com, Jakarta, Indonesia.	9 June 2021
			
60	All Program	WGSHA organized a Faculty Development Program on Case Writing by Dr Venakata Srinivas Kumar, Assistant Professor at the School of Management Studies, University of Hyderabad.	14 June 2021
			
61	BHM	The students of the 34th course BHM WGSHA were treated to a webinar on the importance of guest satisfaction in the hotel industry by Mr Karan Kapur, Rooms Division Manager Shangri La The Marina, Cairns.	14 June 2021
			
62	MHM	Under the leadership of Chef K Thirugnanasambantham, Principal WGSHA and Mr Rajshekhar, Vice Principal, a webinar titled “Revenue Management: Online Distribution” was organized to provide information about the applications used in the online distribution in the hospitality industry to first-year MHM students. It was a two-day seminar, conducted on 17 and 24 June 2021 by Mr Richie Joseph, Revenue Manager, Trident BKC, Oberoi Hotels and Resorts Mumbai.	17 June 2021 to 24 June 2021
			
63	MHM	A session on “Hotel Financial Statement and Capital Investments” was organized for the students of Master of Hotel Management at WGSHA, MAHE. The expert speaker was Mr Lakshminarayan Srinivasan who is a WGSHA alumnus from the 14th-course BHM, Former Director, Feasibility and Development Finance, Hyatt Hotels Corporation, Gurgaon, Delhi.	18 June 2021 to 19 June 2021
			

Sl. No.	Activity	Particulars	Date(s)
64	All Program 	WGSHA organized a session on My Journey- “Adventures inside and outside the kitchen” by Mr Prakarshi Pulkit, Ex ITC Sous Chef, Chief of Innovation, Plant Made.	18 June 2021
65	All Program 	WGSHA is proud to have organized an Faculty Development Program on the topic “Case Study Writing” by Dr Gururaj Kidiyoor to Professor of Marketing at the T A Pai Management Institute, Manipal.	25 June 2021 to 26 June 2021
66	All Program 	WGSHA organized a session on “Refresh & Reboot – Unplug the Potential” by Philip Thomas, Chief Executive Officer and Manish Kohli, Chief Operations Officer by Starfish.	26 June 2021
67	All Program  	WGSHA organized a Guest Session on the topic “Career Planning and Mental Well Being” by Mr Rishabh Tandon Area Director HR-North India, Intercontinental Hotel Group.	29 June 2021 to 29 June 2020
68	BACA 	WGSHA organized a Guest Lecture for BACA second-year students to have an understanding of the branding concepts and storytelling suitable for culinary requirements. The resource person was Ms Sarina Menezes, Corporate Marketer Communication - Knight Frank, India.	30 June 2021
69	All Program 	A series of sessions to facilitate study abroad were conducted to facilitate WGSHA students’ transfer to institutes that partner with WGSHA. Representatives from our partner institutions in Switzerland, Bulgaria, Canada, and Italy participated in these sessions and presented their institutes to students, interacted with students and answered questions. This event was a part of WGSHA’s commitment to the continued professional development of its students.	30 June 2021
70	BACA 	The guest lecture was organized on the topic “Understanding Sales from Culinary Perspective” and was given by Mr Sherin Mathew, Commercial Director at Hilton Hotels and Resorts, Chennai India (17th Course Alumnus).	3 July 2021

Sl. No.	Activity	Particulars	Date(s)
71	BHM and BACA	An expert lecture was organized at WGSHA as a part of the Hotel Affiliation Lecture series for first-year BHM and BACA students. Mr Udayan Damodharan, Director of Talent and Culture, Ibis Novotel Tech Park, Accor Hospitality, Bengaluru was the resource person.	3 July 2021
			
72	BHM and BACA	As a part of the Ability and Skills enhancement course, an online workshop by name, "Make Up and Grooming – Workshop" was organized by WGSHA. The workshop was conducted by Ms Deepti Dange.	3 July 2021 to 27 July 2021
			
73	BACA	Guest Lecture was organized on "Customer Centric Marketing by Ms Sarina Menezes, Corporate Marketer Communication - Knight Frank, India for BACA students.	14 July 2021
			
74	All Program	WGSHA invited Dr Shoemaker, an eminent Professor, who spoke to the faculty and students of WGSHA, and briefed them about the art of case study writing.	20 July 2021
75	BACA	A session on "Food Story as a Food Blogger" was organized for the students of the 9th Course Bachelor of Culinary Arts (BACA) by Ms Sonal Dogra, Founder and Principal Consultant at ETHOSplus.	20 July 2021 to 23 July 2021
			
76	All Program	An Expert Lecture in strategic management: Expert Session on Corporate Strategies was conducted by Professor Aniruddha, Faculty Associate, TAPMI, Manipal.	23 July 2021
			
77	All Program	On the Rocks club, Department of Food and Beverage Service, WGSHA, MAHE Manipal organized a virtual demonstration session on "Explore the Unexplored - Innovative cocktail" followed by a Quiz competition for WGSHA students.	23 July 2021
			
78	All Program	Internal quality assurance cell WGSHA organized a faculty development program on the New education Policy 2020 "Transforming the Higher Education Scenario: NEP 2021" by Dr (Mrs) Lalitha Ramaswamy, Advisor, IQAC, Kongunadu Arts and Science College, Coimbatore.	24 July 2021
			
79	All Program	Welcomgroup Entrepreneurship Development Cell (WEDC), WGSHA conducted an insightful webinar on the growing trend of cloud kitchens. This is in conjunction with UGC's one year of Transformative Reforms under National Education Policy 2020 (NEP 2020): Theme "Skill, Entrepreneurship Development,	3 August 2021
			



Sl. No.	Activity	Particulars	Date(s)
		Employability: Challenges and opportunities". The webinar was conducted by Mr Manvir Singh Anand, Food Business Expert, Entrepreneur in the F&B Industry, TEDx Speaker and a Bestselling Author.	
80	BHM and BACA	Virtual Farewell for 32nd Course BHM and BACA 8th Course. Principal, Chef K Thirugnanasambantham congratulated the graduating students on reaching the milestone. He reassured them that they will always be a part of the WGSHA family and the institution is happy to be part of their path to success. Vice Chancellor, MAHE, Manipal - Lt Gen (Dr) M D Venkatesh delivered an inspirational message to the graduating class. He wished students a bright future and success in their professional careers. He appreciated them for choosing the premier institute such as WGSHA for receiving the best quality hospitality education. He advised them not to stop learning in today's fast-paced, ever-changing world. According to him students have to gain maximum advantage through abundant virtual learning sessions, webinars and workshops organized by the institute.	9 August 2021
81	MSc DAN and MHM	Online Orientation Program has been conducted for the students of MSc Dietetics and Applied Nutrition and Master of Hotel Management on 11 August 2021 at WGSHA. Ms Sireesha Chandana, Associate Vice President, Learning and Development and Employee Engagement, The Indian Hotels Company Ltd, Mumbai was the Chief Guest for the event and Ms Prachi Thakur, Diversity Strategist and Trainer, World Women Tourism, Singapore and Mr Sumesh Gopal, Director of Wellbeing, The Retreat Palm Dubai MGallery by Sofitel were the Guest Speakers.	11 August 2021
			
82	All Program	WGSHA launched its first Workplace Diversity workshop on 22 August 2021. The workshop is organized and planned by our Honourable Principal Chef K Thirugnanasambantham. The workshop is organized for six sessions in the coming weekends. The resource person, Ms Prachi Thakur is a diversity researcher and trainer in hospitality. She has successfully trained many hospitality professionals enabling them to deliver the best experience to the guests.	22 August 2021
			
83	All Program	WGSHA launched its first USA Alumni Meet on 25 August 2021. Most of them were visiting their Alma Mater for the first time since their graduation and naturally were thrilled to meet online on zoom and live over Facebook. There were moments of surprise, happiness, exhilaration and joy when people met their long-lost friends. The atmosphere was that of sheer camaraderie. Lt Gen (Dr) M D Venkatesh, Vice Chancellor MAHE, was the Guest of Honour and Mr Sanjay Bose, Executive Vice President HR and L&D, ITC Hotels was the Chief Guest of the Alumni Meet.	25 August 2021
			
84	All Program	Students and faculty celebrated the Onam festival at WGSHA Hostel.	25 August 2021

Sl. No.	Activity	Particulars	Date(s)
85	All Program 	A Guest Lecture was conducted by Mr Anand Jindal, Group Director, Revenue Management and Distribution, Wharf Hotels, Hong Kong on Revenue Management: Distribution Management and Work Routine of a Central RM team.	28 August 2021
86	All Program	WGSHA is always one-step ahead when it comes to celebrating joy in festivals. This year Janmashtami was even more special with on-campus activities kickstarting post-COVID and students celebrating along with the faculty. Celebrations started with some exquisite devotional songs and a presentation about the event followed by the traditional Pooja of God. As usual in WGSHA every special occasion has an individual menu. It was displayed on the screens to display the main attraction of the event. Positive vibes were spreading all around the place Mr Anil Rana, Director of MIT was the special Chief Guest of the day. With the support and blessings of our ever-energetic principal Chef K. Thiru and our Vice Principal Mr Rajshekhar, the Janmashtami celebrations happily ended.	30 August 2021
87	BHM and BACA 	After the abrupt closure of the campus for the COVID-19 pandemic causing a delay in the arrival of admitted students of 2020 of the BHM and BA (Culinary Arts) courses to WGSHA, Manipal, we finally welcomed them to our campus for their practical classes on 2 September 2021.	1 September 2021
88	All Program 	Department of Dietetics and Applied Nutrition organized various events (Brochure attached) as part of Rashtriya Poshan Maah 2021. The theme for this year was – “Converging towards a healthy walk-through life”. The main objective of Rashtriya Poshan Maah is to eradicate micronutrient deficiencies and Malnutrition. the Department of Dietetics and Applied Nutrition, WGSHA, MAHE organized the following activities during this month: • Nutrition Assessment • Exercise session • Logo designing • Cloth Painting • Photography • Fitness run.	7 September 2021 to 9 September 2021
89	BHM and BACA	A virtual Orientation Program was conducted online by WGSHA for the newly admitted batches of Bachelor of Hotel Management (BHM) 36th Course, and BA (Culinary Arts), 11th Course. Lt Gen (Dr) M D Venkatesh, Vice Chancellor, MAHE, Mr Dipak Haksar, Former Chief Executive, ITC Hotels and WelcomHotels, Chef Vikas Khanna, Michelin-Starred Celebrity Chef and WGSHA’s Distinguished Alumnus, Mr Sumit Kumar, General Manager, Hyatt Pune, Mr Amit Rana, General Manager, Crowne Plaza New Delhi, Mr Umapathy Amirtham, Hotel Manager, The Leela Palace Jaipur, Mr Rakesh Parameshwaran, WGSHA Alumnus, 13th Course, General Manager, The Residency Towers, Chennai addressed the newly admitted BHM and BACA students.	9 September 2021

Sl. No.	Activity	Particulars	Date(s)
90	All Program 	Fire Training Mock Drill and presentation was conducted for the faculty and staff at WGSHA by the Mr Leslie Joseph D'Souza - Fire Safety Officer, MAHE, and Manipal.	11 September 2021
91	BHM and BACA 	Various workshops were organized for the batch of 2020 - Bachelor of Hotel Management (BHM) -35th Course and BA (Culinary Arts) - 10th Course students who are here in campus from this year. The list of workshops were - Entrepreneurship Overview, Choosing our response to Stress, Drug Awareness Workshop, Digital exam training Session and Nutritional Assessment.	13 September 2021 to 17 September 2021
92	BHM and BACA 	Workshop on Stress management entitled "Choosing our response to Stress" was organized by Chef K Thirugnanasambantham, Principal, and WGSHA for second-year BHM and BACA students. The session was conducted by Dr Kavyashree, Assistant Professor, Department of Clinical Psychology, Manipal College of Health Professionals, MAHE, Manipal and is an extremely accomplished professional in the field of clinical psychology.	13 September 2021 to 17 September 2021
93	BHM and BACA 	Virtual Hospitality and Culinary Immersion Program 2021 was organized for newly joined students of BA (Culinary Arts) and BHM (Bachelor of Hotel Management), to provide the students with a better understanding of the industry by WGSHA. The Guest Speakers who addressed the students were: Chef Atul Kochhar, Twice Michelin, Starred Chef, Restaurateur, and Television Personality Mr Vidyuth Lokur, Vice President, Sales and Marketing, Cogent Foods, Private Limited, Alumnus 12th Course BHM, WGSHA Chef Mayank Kulshreshtha, Area Executive Chef Southern Region, ITC Hotels Mr Mohmmad Ismail, COO, Hotels and Catering, Cloud Kitchens at Pathfinder Global FZCO and Alumnus 2nd Course BHM, WGSHA, Ms Caroline Alexander, Cluster Director of Sales - Spain and Portugal MGM Muthu Hotels and Alumna 13th Course BHM, WGSHA Chef Andy Cuthbert, General Manager, Jumeirah Creekside Hotel and C&I Jumeirah Hospitality Medinat, Jumeirah; Continental Director Africa Middle East at WORLDCHEFS (World Association of Chefs Ms Manpreet Chabba, Assistant Director of Food and Beverage, Taj Mahal, Delhi and Alumna 23rd Course, WGSHA Chef Ajith Raman, Executive Chef Trident BKC, Mumbai. Mr Pravin Laghaate, Vice President and Global Head of Account Management, Clever Tap and Alumnus 10th Course BHM, WGSHA	13 September 2021 to 16 September 2021



Sl. No.	Activity	Particulars	Date(s)
94	BHM and BACA 	An expert session on grooming and etiquette was organized by WGSHA. The expert of the session was Ms Afrida Zaman Suneja (Grooming Manager, ITC Hotels) for BHM and BACA students.	21 September 2021
95	MHM 	A Guest Lecture was organized on the topic, "Know the difference: Reporting of Results and Discussion" by Mr Pradeep Kumar, Research Associate, Centre for Business Markets Indian School of Business, Hyderabad, for MHM students.	23 September 2021
96	BHM and BACA 	WGSHA with the collaboration of Manipal College of Nursing (MCON) MAHE organized a First Aid workshop for the students of the 35th Course BHM and 10th Course BACA.	23 September 2021 to 24 September 2021
97	MSc DAN 	Department of Dietetics and Applied Nutrition of WGSHA organized an expert talk on Aerobic and Anaerobic Performance Assessment by Dr Snehanshu Adhikari, Scientist and In charge of Exercise Department of Physiology, Sports Authority of India, Kolkata for MSc DAN Students	24 September 2021
98	All Program 	WGSHA conducted a never seen webinar International Summit on Hospitality, Accommodation and Facility management 2021 with the theme "Changing minds and Changing trends" as a part of the celebration of International Housekeeper's Appreciation Week, which saw speakers from various fields speak about Housekeeping and Facility Management. WGSHA conducted a never seen webinar International Summit on Hospitality, Accommodation and Facility management 2021 with the theme "Changing minds and Changing trends" as a part of the celebration of International Housekeeper's Appreciation Week, which saw speakers from various fields speak about Housekeeping and Facility Management.	25 September 2021
99	All Program	With games like getting set to fly, spray bottle shoot, Paper towel roll, and Stacking the towels race WGSHA organized a recreational session for all its faculties and staff during the International housekeeper's appreciation week 2021. The faculty and staff were filled with euphoria while participating in the activities	25 September 2021
100	All Program	World Tourism Day 2021 - The Seminar on "World Tourism Day" was started with the Opening remarks by Principal Chef K Thirugnanasambantham followed by an introduction and address by each of the guest speakers. The Chief Guest for the event was Mr P K Mohankumar, Hospitality Expert and Consultant. Founder and CEO - Turnstone Hospitality LLP and other resource person	27 September 2021









Sl. No.	Activity	Particulars	Date(s)
		were - Dr Nanda Kishor, Head in-charge and Associate Professor, Department of Geopolitics and International Relations, MAHE and Mr Dhananjay Saliankar, Head of Sales and Marketing, Fortune Hotels and WelcomHeritage Hotels (ITC's Hotel Division).	
101	All Program	The Gastronomy Club of WGSHA organized Wajba E Khaas an event celebrating the Arabic culture and food. The Arabic cuisine is an amalgamation of Middle Eastern and Mediterranean. The cuisine is rich and reflects a culture of trade in spices and herbs.	27 September 2021
102	MHM and MSc DAN	Organized Guest Lecture on - "Interview Techniques and Resume Building" by Mr Anurag Sharma, Founder LFA Consulting LLP, A Motivational Speaker, and Entrepreneur for MHM and MSc DAN Students.	9 October 2021
			
103	All Program	WEDC Cell of WGSHA celebrated National Innovation Day 2021 by organizing WGSHA Innovation Challenge.	12 October 2021
104	All Program	WGSHA is celebrating International Chef's Day -2021 by organizing E – Conference, the following chief guest and panel members were present Chef Manjit Gill, President of Indian Federation of Culinary Associations Chef Vijaya Baskaran, General Secretary Indian Federation of Culinary Associations CA Sujata Shukla Rajan, Chartered Accountant   Chronicler   Author Chef Y B Mathur, Executive Director Institute of Culinary Economics Chef Shri Bala, Author and Guest Chef Chennai Chef Ramesh Javvaji, Senior Chefs Mentor, SHALOM, Ms Anushruti, Food Writer   Health and Wellbeing Consultant Dr Ashish Chopra, Travel Writer   Television Host   Painter.	16 October 2021
105	MHM	Organized Workshop on Fire and Safety Procedures by Mr Leslie Joseph D'Souza, Chief Fire Safety Officer, Fire Safety, MAHE for MHM first-year Students	23 October 2021
106	MHM	Guest Lecture on Moving beyond Quality to Experience: A competitive direction through service management by Professor Jay Kandampully, Professor at the Ohio State, University Columbus, Ohio, United States for MHM students.	11 November 2021
			
107	MHM	Guest Lecture on "Integrated Marketing Communications" by Mr Sukesh Kumar B R (Senior Professor at KIAMS, NMIMS and GITAM Bengaluru), organized for MHM second-year students.	11 November 2021 to 19 November 2021
			
108	All Program	Student Council Installation 2021-22	12 November 2021
109	All Program	Literary Club of WGSHA Organized - The keys to success!-Offline event.	19 November 2021










Sl. No.	Activity	Particulars	Date(s)
110	All Program	Conducted: Gender Sensitization workshop "Solidarity Unlimited" by Ms Prachi Thakur, Diversity Strategist, World Women Tourism, for WGSMA Students.	22 November 2021 to 27 November 2021
111	MHM	Online Orientation Program of MHM – 2nd Course - Chief Guest, Ms Sangeetha Gandhi, Vice President, The Oberoi Centre of Learning and Development, Mr Arul Mani, Corporate Director Learning and Development, IHCL.	24 November 2021
112	MSc DAN	Online Orientation Program of MSc DAN – 12th Course- Chief Guest, Mr Hemant Malik, Divisional Chief Executive, ITC's Foods Business and Member of Corporate Management Committee ITC Ltd. Ms Bamini, Chairperson IDA-RD Board.	25 November 2021
113	BHM and BACA	Campus Recruitment by Marriott Hotels • Gaurav Singh – Market Vice President - South and East India, Bangladesh and Sri Lanka • Lizanne Pinto – Area Director of Human Resources - South and East India, Bangladesh and Sri Lanka • Abhishek Rajagolkar – Area Director of Sales and Distribution - South and East India, Bangladesh and Sri Lanka • Sachin Mylavarapu – Area Director of Operations - South and East India, Bangladesh and Sri Lanka.	6 December 2021
114	BHM, BACA and MHM	Campus Recruitment by Mahindra Placements • Mr Prakash Aranha – General Manager, Learning and Development (Resort) • Chef Debraj – Cluster Chef, Karnataka and Tamil Nadu Region • Mr Hitesh Rajpurohit – Cluster Manager, Learning and Development – Rajasthan, Gujarat and MP • Ms Shalya – Manager, Learning and Development, Karnataka and Tamil Nadu • Ms Rajvi Parikh - Manager, Learning and Development, Goa • Ms Purva Nadem - Manager, Learning and Development, Gujarat.	8 December 2021

#### Details of Guest Visit(lectures, collaboration, visitors on campus)









##### Guest Lectures :

Sl. No.	Visitor	Name of the Organization	Purpose of Visit	Date of Visit
1	Mr Adarsha Lathiks 	Manipal Global Education services	Webinar: Expert session on 'Introduction to MOOC/Coursera	11 January 2021
2	Dr Rajasekharan Pillai 	Manipal Institute of Management, MAHE	Expert session on research entitled 'Language of Research'	1 February 2021










Sl. No.	Visitor	Name of the Organization	Purpose of Visit	Date of Visit
3	Ms Sarina Menezes 	TailWind Consulting	Workshop on "A Road Map to your Career Ahead!"	6 February 2021
4	Dr Anand R 	KMC, Mangalore	Faculty Professional Development Workshop: Assessment of Outcomes in OBE	6 February 2021
5	Dr Nandan Prabhu 	Manipal Institute of Management, MAHE	Guest lecture for 'Research Paper Writing' an expert session	12 February 2021
6	Dr Ciraj A M 	CCEID MAHE	Faculty Professional Development Webinar on "Flipped Classroom"	12 February 2021
7	Mr Jorely Mathew 	Soneva Resorts, Bangkok	Expert Lecture Webinar on International Human Resource Management	15 February 2021 to 17 February 2021
8	Chef Deepankar Khosla 	Haoma, Bangkok, Thailand	Webinar	23 February 2021
9	Chef Vipul Gupta 	Moghul Caterers ,NJ, USA	Expert session	24 February 2021
10	Mr Prakash Viswanathan 	Hilton Indonesia	Hotel Affiliation Series on Hilton Hotels and Resorts	24 February 2021
11	Col K C Menon	Eco Science Research Foundation	Expert Lecture series webinar on Promotion of Local and Indigenous foods with a focus on Dietary Diversity	26 February 2021

Sl. No.	Visitor	Name of the Organization	Purpose of Visit	Date of Visit
				
12	Professor Arend Hardorff	Hotel School The Hague, Netherlands	FDP program	27 February 2021
				
13	Mr Akash Singh Rathore	Hilton Garden Inn-Lucknow	Webinar on Post COVID - 19: Service Scenario and Service Revamping	1 March 2021
				
14	Ms Priya Chandramouli	Kearney, Mumbai	Expert lecture series on the Journey from WGSMA to Corporate World	4 March 2021
				
15	Chef Vivek Desirazu	Amber India Restaurant, San Francisco, USA	Up-Close and Personal	5 March 2021
				
16	Mr Sahil Ranaut	Hyatt Hotels	2nd Semester MHM Orientation	8 March 2021 to 9 March 2021
				
17	Mr Sushant Raj	ITC Kohenu, Hyderabad	2nd Semester MHM Orientation	8 March 2021 to 9 March 2021
				
18	Dr Asna Urooj	University of Mysore	Expert Lecture Series in Nutrition (2.0)	23 March 2021
				
19	Mr Vikram Cotah	GRT Hotels Chennai	Industry-Academia Interface	27 March 2021
				











Sl. No.	Visitor	Name of the Organization	Purpose of Visit	Date of Visit
20	Mr Kunal Lamba 	Restaurant consulting services, New York City, USA	Expert lecture series on "How WGSMA shaped me into a multi-faceted professional in America"	30 March 2021
21	Chef Vasisht Subramanian 	Honest Restaurants, USA,	The up-close and personal session	7 April 2021
22	Ms Maria Tresita Pau 	Bharathiar University, Coimbatore, Tamil Nadu	Guest lecture session on "Connecting the dots through review of the literature"	12 April 2021
23	Mr Gaurav Singh 	Marriott Hotels India Pvt LTD.	Affiliation to Hotel Lecture Series	13 April 2021
24	Mr R Dhananjayan 	Indian Dietetic Association (Chennai)	Expert lecture series 6.0 on Medical Nutrition therapy	24 April 2021 to 3 May 2021
25	Ms Deeksha Sanjay Shetty 	National Institute of Technology, Surathkal, Karnataka	A guest lecture session on "Literature Review – A Scholar's Perspective"	26 April 2021
26	Mr Girish Shetty 	Global Market, CP Group, Auckland, New Zealand	Expert session on Asset Management, Mergers and Acquisitions	30 April 2021
27	Dr Chandan Vinay 	ESIC medical college and Model hospital, Rajajinagar, Bengaluru	The Expert Lecture Series in Nutrition (2.0)	10 May 2021
28	Ms Shalini Iyer	Director of Business Development & Training Consultant, Nina & Pinta, North Carolina, USA	Alumni lecture series on the topic Hospitality Insights and Verticals	12 May 2021

Sl. No.	Visitor	Name of the Organization	Purpose of Visit	Date of Visit
				
29	Dr K Sunitha Premalatha	Yashoda Hospital, Somajiguda, Hyderabad	The Expert Lecture Series in Nutrition (2.0)	13 May 2021
				
30	Ms Shruti Sain	CFO Sustainability Technology Solutions, Honey Well, Atlanta, USA	Expert lecture series	14 May 2021
				
31	Shri Mohamed Farouk	India Tourism Bengaluru , Ministry of Tourism, Government of India	Expert session on 'Impact of Tourism in India'	17 May 2021
				
32	Ms Janani Tamilvanan	Institute of Nutrigenetics; Founder, Geneobe Wellness, Coimbatore	Expert Lecture Series in Nutrition (2.0)	19 May 2021
				
33	Chef Vicky Ratnani	Webinar on Essence of Culinary	Gourmand food connoisseur celebrity chef	21 May 2021
				
34	Ms Deepti Dange	Image, Etiquette, Communication, Grooming & Style Coach, Director and Founder, Persona-Stars Image Management	Workshop on Personal Branding	26 May 2021 to 4 June 2021
				
35	Dr Shirshendu Ganguli	TAPMI	Guest lecture on "Insights into services marketing"	28 May 2021
				
36	Mr Sachin Koshe	Indian Subcontinent OTA insight Ltd, Chennai	Webinar on "OTA Insight: Support and Solutions for Hospitality Industry"	28 May 2021

Sl. No.	Visitor	Name of the Organization	Purpose of Visit	Date of Visit
				
37	Mr Senthil Rajamani	Xeenius Technology USA	Ability and Skill Enhancement Lecture series	2 June 2021
				
38	Dr Jay Kandampully	Ohio State University, Columbus, USA	Faculty Development Program	4 June 2021
				
39	Mr Sreenath Krishnan	Zulal Wellness resorts in Qatar	An expert session on "Role of an Executive Housekeeper in a Pre-Opening Property"	4 June 2021
				
40	Mr Akshay Vijay	Travelio.com, Jakarta, Indonesia	Resource Pricing and Control session	9 June 2021
				
41	Dr Venakata Srinivas Kumar	University of Hyderabad	Faculty Development Program	14 June 2021
				
42	Dr Venakata Srinivas Kumar	University of Hyderabad	Faculty Development Program	14 June 2021
				
43	Mr Karan Kapur	Shangri La The Marina, Cairns	webinar on the importance of guest satisfaction	14 June 2021
				
44	Mr Richie Joseph	Oberoi Hotels and Resorts Mumbai	Webinar on "Revenue Management: Online Distribution"	17 June 2021 to 24 June 2021
				

Sl. No.	Visitor	Name of the Organization	Purpose of Visit	Date of Visit
45	Mr Prakarshi Pulkit 	Chief of Innovation, Plant Made	session on My Journey- "Adventures inside and outside the kitchen"	18 June 2021
46	Mr Lakshminarayan Srinivasan 	Hyatt Hotels Corporation, Gurgaon, Delhi	A session on "Hotel Financial Statement and Capital Investments"	18 June 2021 to 19 June 2021
47	Dr Gururaj Kidiyoor 	T M A Pai Management Institute, Manipal	Faculty Development Program	25 June 2021
48	Mr Philip Thomas 	Chief Executive Officer, Starfish	Session on "Refresh and Reboot – Unplug the Potential"	26 June 2021
49	Mr Manish Kohli 	Chief Operations Officer, Starfish	Session on "Refresh and Reboot – Unplug the Potential"	26 June 2021
50	Mr Rishabh Tandon 	Area Director HR- North India, Intercontinental Hotel Group	Guest Session on topic "Career Planning and Mental Well Being"	29 June 2021
51	Mr Udayan Damodharan 	Director of Talent and Culture, Ibis Novotel Tech Park, Accor Hospitality, Bengaluru	Hotel Affiliation Lecture series	3 July 2021
52	Ms Deepti Dange 	Persona-Stars Image Management	"Makeup and Grooming – Workshop"	3 July 2021 to 21 July 2021
53	Ms Sonal Dogra 	Founder and Principal Consultant at ETHOSplus	A session on "Food Story as a Food Blogger"	20 July 2021 to 23 July 2021






Sl. No.	Visitor	Name of the Organization	Purpose of Visit	Date of Visit
				
54	Professor Aniruddha	TAPMI, Manipal	Expert lecture in strategic management:	23 July 2021
				
55	Mr Manvir Singh Anand	Food Business Expert, Entrepreneur in the F&B Industry, TEDx Speaker and a Bestselling Author	Insightful webinar into the growing trend of cloud kitchens.	3 August 2021
				
56	Ms Sireesha Chandana	Associate Vice President, Learning and Development and Employee Engagement, The Indian Hotels Company Ltd, Mumbai	Online Orientation Program	11 August 2021
				
57	Ms Prachi Thakur	Diversity Strategist and Trainer, World Women Tourism, Singapore	Online Orientation Program	11 August 2021
				
58	Mr Sumesh Gopal	Director of Wellbeing, The Retreat Palm Dubai MGallery by Sofitel	Online Orientation Program	11 August 2021
				
59	Mr Sanjay Bose	Executive Vice President HR and L&D , ITC Hotels	USA Alumni Meet	25 August 2021
				
60	Mr Anand Jindal	Group Director, Revenue Management and Distribution, Wharf Hotels, Hong Kong	Guest Lecture	28 August 2021
				
61	Mr Sumit Kumar	General Manager, Hyatt Pune	Virtual Orientation Program	9 September 2021

Sl. No.	Visitor	Name of the Organization	Purpose of Visit	Date of Visit
62	Mr Amit Rana 	General Manager, Crowne Plaza New Delhi	Virtual Orientation Program	9 September 2021
63	Mr Umapathy Amirtham 	Hotel Manager, The Leela Palace Jaipur	Virtual Orientation Program	9 September 2021
64	Mr Rakesh Parameshwaran 	General Manager, The Residency Towers, Chennai	Virtual Orientation Program	9 September 2021
65	Mr Dipak Haksar 	Former Chief Executive, ITC Hotels and WelcomHotels	Virtual Orientation Program	9 September 2021
66	Chef Vikas Khanna 	Michelin-Starred Celebrity Chef	Virtual Orientation Program	9 September 2021
67	Chef Andy Cuthbert 	General Manager, Jumeirah Creekside Hotel and C&I Jumeirah Hospitality Madinat, Jumeirah; Continental Director Africa Middle East at World Association of Chefs	Virtual Hospitality and Culinary Immersion Program 2021	13 September 2021 to 16 September 2021
68	Ms Manpreet Chabba 	Assistant Director of Food and Beverage, Taj Mahal, Delhi	Virtual Hospitality and Culinary Immersion Program 2021	13 September 2021 to 16 September 2021
69	Chef Ajith Raman 	Executive Chef Trident BKC, Mumbai	Virtual Hospitality and Culinary Immersion Program 2021	13 September 2021 to 16 September 2021

Sl. No.	Visitor	Name of the Organization	Purpose of Visit	Date of Visit
70	Mr Vidyuth Lokur 	Vice President, Sales and Marketing, Cogent Foods Pvt Ltd.	Virtual Hospitality and Culinary Immersion Program 2021	13 September 2021 to 16 September 2021
71	Chef Mayank Kulshreshtha 	Area Executive Chef Southern Region, ITC Hotels	Virtual Hospitality and Culinary Immersion Program 2021	13 September 2021 to 16 September 2021
72	Mr Mohammad Ismail 	COO, Hotels and Catering, Cloud Kitchens at Pathfinder Global FZCO	Virtual Hospitality and Culinary Immersion Program 2021	13 September 2021 to 16 September 2021
73	Ms Caroline Alexander 	Cluster Director of Sales - Spain & Portugal MGM Muthu Hotels	Virtual Hospitality and Culinary Immersion Program 2021	13 September 2021 to 16 September 2021
74	Mr Pravin Laghaate 	Vice President and Global Head of Account Management, Clever Tap	Virtual Hospitality and Culinary Immersion Program 2021	13 September 2021 to 16 September 2021
75	Ms Afrida Zaman Suneja 	Grooming Manager, ITC Hotels	Session on Grooming and Etiquettes	21 September 2021
76	Mr Pradeep Kumar 	Research Associate, Centre for Business Markets, Indian School of Business, Hyderabad	Guest lecture on Know the difference	23 September 2021
77	Dr Snehanshu Adhikari 	Scientist and In charge Exercise Department of Physiology, Sports Authority of India, Kolkata	Expert talk on Aerobic and Anaerobic Performance Assessment	24 September 2021

Sl. No.	Visitor	Name of the Organization	Purpose of Visit	Date of Visit
78	Mr P K Mohankumar 	Hospitality Expert and Consultant, Founder & CEO - Turnstone Hospitality LLP	World Tourism Day 2021 - Seminar	27 September 2021
79	Dr Nanda Kishor 	Head in-charge and Associate Professor, Department of Geopolitics and International Relations, MAHE	World Tourism Day 2021 - Seminar	27 September 2021
80	Mr Dhananjay Saliankar 	Head of Sales and Marketing, Fortune Hotels and WelcomHeritage Hotels (ITC's Hotel Division).	World Tourism Day 2021 - Seminar	27 September 2021
81	Mr Anurag Sharma 	Founder LFA Consulting LLP, A Motivational Speaker, and Entrepreneur	Guest Lecture on - "Interview Techniques and Resume Building"	9 October 2021
82	Chef Manjit Gill	President Indian Federation of Culinary Associations	International Chef's Day - E – Conference	20 October 2021
83	Chef Vijaya Baskaran	General Secretary Indian Federation of Culinary Associations	International Chef's Day - E – Conference	20 October 2021
84	CA Sujata Shukla Rajan	Chartered Accountant   Chronicler   Author	International Chef's Day - E – Conference	20 October 2021
85	Chef Y B Mathur	Executive Director Institute of Culinary Economics	International Chef's Day - E – Conference	20 October 2021
86	Chef Ramesh Javvaji	Senior Chefs Mentor, SHALOM	International Chef's Day - E – Conference	20 October 2021 to 21 October 2021
87	Ms Anushruti	Food Writer   Health and Wellbeing Consultant	International Chef's Day - E – Conference	20 October 2021
88	Dr Ashish Chopra	Travel Writer   Television Host   Painter	International Chef's Day - E – Conference	20 October 2021



Sl. No.	Visitor	Name of the Organization	Purpose of Visit	Date of Visit
89	Mr Sukesh Kumar B R 	Senior Professor at KIAMS, NMIMS and GITAM Bengaluru	Guest Lecture on “Integrated Marketing Communications”	11 November 2021 to 19 November 2021
90	Ms Sangeetha Gandhi	Vice President, The Oberoi Centre of Learning and Development	Online Orientation Program of MHM – 2nd Course	24 November 2021
91	Mr Arul Mani	Corporate Director Learning and Development, IHCL	Online Orientation Program of MHM – 2nd Course	24 November 2021
92	Mr Hemant Malik	Divisional Chief Executive, ITC’s Foods Business and Member of Corporate Management Committee ITC Ltd.	Online Orientation Program of MSc DAN	25 November 2021
93	Ms Bamini	Chairperson IDA-RD Board	Online Orientation Program of MSc DAN	25 November 2021
94	Ms Rinku Puri 	Circle HR Head, Indus Towers	Mentorship Program	29 November 2021 to 1 December 2021
95	Ms Rajani Pillai 	Head Sales and Marketing, Regional Sales Office ITC Hotels	Mentorship Program	29 November 2021 to 1 December 2021
96	Mr Anand Rudolph Pledger 	Sales Manager at Messe Frankfurt United Arab Emirates,	Mentorship Program	29 November 2021 to 2 December 2021
97	Mr Manish Sodhi 	CEO, Hotel CEO, Hotel Sahara Star, Sahara Hospitality Ltd,	Mentorship Program	29 November 2021 to 1 December 2021

**Details of Publications:**

National		International	
Indexed	Non - Indexed	Indexed	Non – indexed
0	0	12	0



**Conferences attended by Institution faculty and students:**

Faculty		Students	
National	International	National	International
5	21	0	1

**Details of Conferences/Workshops conducted by the Institution:**

Particulars	National	International
Conference	0	1
Workshop	18	0
Other	82	3

**Books/chapters authored by faculty members:**

Sl. No.	Name of the Book	Chapter(s) name (if authored, chapters only)	Faculty members	Publisher	Date
1	An SPSS Guide for Tourism, Hospitality and Events Researchers	Importance- Performance Analysis (APA) of Travel Agency Services for Outbound Tourists in India	DR Senthilkumaran and Dr Partho Pratim Seal	Routledge, UK	31 December 2021
					
2	National Conference Proceedings on Advances in Tourism and Hospitality Management (NCATHM 2021) ISBN: 978-93-90818-91-4	Chapter 19: Photolicious Products: To Assess the Impact of Social Media on Bakery 152-168 Products– A Chef’s Viewpoint	Manan Chakraborty and Sumit Kumar	Bharti Publications 4819/24, second floor, Mathur Lane, Ansari Road, Darya Ganj, New Delhi-110002	31 December 2021
					

**Awards/Recognitions:**

**Faculty Members**

Sl. No.	Name	Details	Date
1	Dr Meenakshi Garg	Received Copyright Registration Certificate for an educational booklet called the “Manipal Manual of Adolescent Eating and Exercise”, made in collaboration with faculty from the Physiotherapy Department, MCHP,	5 January 2021

Sl. No.	Name	Details	Date
		MAHE and Dr H Vinod Bhat, Former Vice Chancellor of MAHE.	
2	Dr Meenakshi Garg	As a Resource Person for the Webinar on "Importance of Folic Acid in daily life" - part of Folic Acid Awareness Week - 2021: CLIWARE Public Health Awareness Series	20 January 2021
3	Mr Valsaraj P	Executive Member of the DHS Foundations Global Members Club	26 January 2021
4	Mr Valsaraj P	As a Resource person at Innovative pedagogy: Short term training program (AICTE Sponsored, All India Level)	13 March 2021
5	Mrs Swathi Acharya	As a Resource Person for the session on 'Importance of Nutrition in Physical fitness' through an online platform.	27 March 2021
6	Chef K Thirugnanasambantham	Received appreciation for the effort in WGSHA accreditation by the Hotel Schools of distinction, USA, as its partner school making it the only hospitality school in Asia -Pacific region to be a member of this niche group of only nine members in the world	5 April 2021
7	Mr Kaliappan Subramonia Pillay	As a Resource Person on the topic "Food Safety Management in the short term course on Food Safety and Consumer Protection"	20 May 2021
8	Mr Rohan Jugran	Participated as Special Guest-Recognition of Specialized Expertise and Experience presented by Travel Tech, Sao Paulo, Brazil.	5 July 2021
9	Mr Valsaraj	Recognized as Best Head of the Department HOD of the Year -2021 presented by DHS Foundation, New Delhi	25 July 2021
10	Chef K Thirugnanasambantham	Participated as a Session Chair during IHOST 2021 organized by G D Goenka University in collaboration with Le Cordon Bleu	27 August 2021
11	Chef K Thirugnanasambantham	Participated as Keynote Speaker on "World Tourism Day" conducted by International Chamber for Service Industry	27 September 2021
12	Mr Abhijit	Secured First Place at WGSHA Innovation Challenge 2021	12 October 2021
13	Mrs Kshama Vishwakarma	Secured Third Place at WGSHA Innovation Challenge 2021	12 October 2021
14	Chef K Thirugnanasambantham	Sharing the Valuable knowledge as a panellist for the webinar titled "Building the Next Generation Culinary Industry" conducted by South India Chef's Association	10 November 2021
15	Dr Partho Pratim Seal	Recognised for his outstanding service as the chair of the panel session at the Interdisciplinary conference on healthcare and technical research -2021 organised by Directorate of Research, MAHE, Manipal	11 November 2021
16	Dr Vidya Patwardhan	Received IRSSM-2021 Best Paper Award sponsored by the Journal of Service Management	20 November 2021

Sl. No.	Name	Details	Date
17	Chef K Thirugnanasambantham	Received Highly Commended Award at International Research Symposium in Service Management (IRSSM - 2021) organized by Emerald Publishing	20 November 2021
18	Mrs Anusha Pai	Received appreciation certificate for being part of the organizing team and leading the event of the International summit on Hospitality, Accommodation and Facility management 2021 organized by WGSMA, Manipal	30 November 2021
19	Chef K Thirugnanasambantham	Nominated for the National Culinary Skills Competitions as Expert Trainer by the NSDC, Ministry of Tourism	7 December 2021

### Students

Sl. No.	Name	Details	Date
1	Ms Jayaveena	Received the best sportsperson award for the year 2019 from the Chief Minister of Tamil Nadu	20 February 2021
2	Nathan Alston D'Souza	International Champion in the 10th edition of Accor Take Off! Challenge, Acco Take Off! Challenge is a worldwide student competition organized by Accor. The competition enables students to be evaluated by top-level Accor Professionals and by recognized school teachers with various cultural backgrounds	6 September 2021
3	Sadhika Venkatesh	International Champion in the 10th edition of Accor Take Off! Challenge, Acco Take Off! Challenge is a worldwide student competition organized by Accor. The competition enables students to be evaluated by top-level Accor Professionals and by recognized school teachers with various cultural backgrounds.	6 September 2021
4	Subhash Praveen Ullal	International Champion in the 10th edition of Accor Take Off! Challenge, Acco Take Off! Challenge is a worldwide student competition organized by Accor. The competition enables students to be evaluated by top-level Accor Professionals and by recognized school teachers with various cultural backgrounds.	6 September 2021
5	Lavanya Raja	International Runner up in the 10th edition of Accor Take Off! Challenge	6 September 2021
6	Siddanth Raina	International Runner up in the 10th edition of Accor Take Off! Challenge	6 September 2021
7	Neha Mathew Chakola	International Runner up in the 10th edition of Accor Take Off! Challenge	6 September 2021
8	Chirag V Kirpalani	Won the Hospitality Quiz College Championship 2021.	21 October 2021
9	Gowri Santosh Pai	Won the Hospitality Quiz College Championship 2021.	23 October 2021

**Extra-Curricular Activities:**

**Sports Activities:**

**In Institution:**

Sl. No.	Event	Details	Date(s)
1	Inter Collegiate Staff Chess Tournament - 2021	Inter Collegiate Staff Chess Tournament - 2021.	11 December 2021

**Cultural Activities:**

**Outside University**

Sl. No.	Event	Details	Date(s)
1	Hosted a quiz for the Literary and Debating Society of National Law School of India University, Bengaluru.	Hosted a quiz for the Literary and Debating Society of National Law School of India University, Bengaluru. @ The Literary and Debating Society of NLSIU hosts weekly events for its members and on 16 May 2021, the above-mentioned students hosted a Food and Beverage quiz.	15 May 2021

**Photo Archive of Important events**



Formal Themed Lunch 2021 (MHM)



As part of Orientation, the students of MA Indian Cuisine and Food Culture went to Diploma Agriculture College, Brahmavara



WEDC Cell of WGSHA celebrated National Innovation Day 2021 by organizing National Innovation Challenge



WGSHA with the collaboration of Manipal College of Nursing (MCON) MAHE, organized a First Aid workshop for the students of the 35th Course BHM and 10th Course BACA



Hotel Affiliation Lecture Series by Mr. Gaurav Singh Market Vice President, South & East India, Bangladesh and Sri Lanka at Marriott International on 06.12.2022

# International Centre for Applied Sciences, Manipal

LG-02, AB-5, MIT Campus, MIT, Manipal 576104

Phone Number: 0820-2924018/2924026

Email-Office: office.icas@manipal.edu

Director: rs.aithal@manipal.edu



Name of the Director: **Dr Radhakrishna S Aithal**

Established: **1994**

## **Details of Programs offered by the Institution:**

- BSc (Applied Sciences) in Engineering

## **About Institution/School:**

International Centre for Applied Sciences (ICAS), Manipal; a Constituent unit of Manipal Academy of Higher Education (MAHE) started International Transfer Program in Engineering (full time, four years duration) in the year 1994 with the objective of providing international education and exposure to Indian students. This program [BSc (Applied Sciences) in Engineering] has been designed as a perfect launchpad for those who aspire to study and graduate from

one of the top universities in the world. This is a unique program where the students spend the first two years in ICAS, MAHE and the following two years in a university abroad, of their choice (the Engineering Degree awarded by the foreign university only). This is made possible by adopting the high-quality curriculum, teaching and evaluation methodologies that are followed by top universities abroad. In the last 28 years, more than 2,000 students have entered more than 100 foreign universities through acceptable credit transfer from ICAS, pursuing their Bachelor/Master's Degree in Engineering.

## Institutional Activities/Curricular Activities

### New Initiatives:

Sl. No.	Activity	Particulars	Date(s)
<b>International Centre for Applied Sciences</b>			
1	New Specializations under Computer Science and Engineering Stream	Program Elective Based Stream Specializations Namely Artificial Intelligence and Machine Learning and Big Data Analytics are introduced with effect from 2021. Admissions, anticipating enhanced credit transfer to top foreign universities.	18 October 2021

### All other activities in the department relating to the program/course:

Sl. No.	Activity	Particulars	Date(s)
<b>International Centre for Applied Sciences</b>			
1	Career Guidance Workshop	An interactive webinar "Study Abroad and Careers" from Planet Education Bangalore/Manipal was arranged on 10 June 2021 for the senior students. This webinar gave a practical insight into the Credit-based overseas education system for Engineering and IT careers and focused on the practical skills needed to be job-ready while they study in overseas universities.	10 June 2021
2	Alumni Interaction	Mr Vollin Mathew Mammen of 2017-19 batch, UIUC, USA interacted online with the students on "Education and Career in the US" covering Academic prospects in universities abroad, admission procedure, prerequisites, Job prospects etc. on 26 June 2021.	26 June 2021
3	Alumni Interaction	Two of our Alumni Mr Namit Jain and Mr Varun Agarwal of the 2016-18 batch, briefed us about foreign education and shared their experience at universities abroad. They gave comprehensive information including admission procedure, credit transfer, Immigration, Finance and answered queries of students under the title "Education Abroad" on 13 July 2021 at 11:00 am (IST) through the MS Teams platform. Further, they introduced their start-up firm Odyssey Career Consulting. Dr Sadashiva Prabhu S, Alumni Coordinator-ICAS, and students of the 2020-22 batch were present during the occasion.	13 July 2021
4	Alumni Interaction	One of our Alumni Mr Siddharth Kaushik of the 2016-18 batch, presently working as Software Developer, Infotech IT Pty Ltd Australia, addressed about Australian Universities, types of courses and employment under the title "Software Engineering in Australia ", on 24 July 2021, Saturday at 12:00 pm (IST) through MS Teams platform. Professor Arti Pawar, Assistant Professor-ICAS, Professor Nayan Khare, Assistant Professor-ICAS, Dr Sadashiva Prabhu S, Alumni Coordinator-ICAS, and students of second-year ICAS were present during the occasion.	24 July 2021
5	Alumni Interaction	One of our Alumni Ms Alka Panda of 2015-16 (Aeronautical Branch), presently pursuing her MS in Stanford University, addressed about her achievements, interdisciplinary areas in aeronautics, General application requirements, Finance, Application timeline for Virginia Tech under the title "Exploring Multidisciplinary Engineering" on 27	27 July 2021



Sl. No.	Activity	Particulars	Date(s)
		July 2021 at 11:00 am (IST) through MS Teams platform. Dr Radhakrishna S Aithal, Director-ICAS, Dr Ganesh A, Associate Director-ICAS, Dr Sadashiva Prabhu S, Alumni Coordinator-ICAS, Faculty of ICAS-Professor Nayan Khare, Dr Deepa Prabhu, Professor Arti Pawar and students of 2020-22 batch were present during the occasion.	
6	Saraswati Pooja	The sacred event of ICAS was held on 13 October 2021. The faculty and staff participated and prayed for their welfare.	13 October 2021
7	Orientation Program	On 18 October 2021, the virtual Orientation Program was held with the Director, Associate Director and faculty of ICAS, Director of Student Affairs, MAHE making a series of virtual presentations on the topics like academic activities and support, student welfare measures, Instructions for Online classes - Demo presentations. The session was concluded by Ms Priya K, Foreign Admission Counsellor, Planet Education Manipal on the topic "Credit Transfer Process and Prospects" which was very informative to the newly joined students of ICAS.	18 October 2021
8	Observance of Vigilance Awareness Week	As per the instructions from UGC, New Delhi and the Circular from Central Vigilance Commission (CVC); on the eve of observance of vigilance awareness week 2021, all the teaching and non-teaching staff of the International Centre for Applied Sciences (ICAS) have taken the "Integrity Pledge" with the theme "Independent India @ 75: Self Reliance with Integrity (Swatantra Bharat @ 75: Satyanishtha se Atmnirbharta" on Tuesday, 26 October 2021 at 11:00 am in the institute premises. Director, Dr Radhakrishna S Aithal administered the pledge.	26 October 2021

#### Details of Guest Visit (lectures, collaboration, visitors on campus)

##### Guest Lectures:

Sl. No.	Visitor	Name of the Organization	Purpose of Visit	Date of Visit
<b>International Centre for Applied Sciences</b>				
1	Vaibhav Kwatra	Deakin University, Australia	Guest Lecture/Workshop: Shark Tank Virtual Mini-Hackathon	20 August 2021
2	Ana Paula Lacerda	Australian National University, Australia	Webinar to UG students	6 September 2021
3	Mark Pell	University of Birmingham, UK	Direct Entry Subject Webinar	15 October 2021
4	Mark Pell	University of Birmingham, UK	University of Birmingham, Dubai - Partnership Webinar	30 November 2021

Photo Archive



Mr Siddharth Kaushik of the 2016-18 batch, presently working as Software Developer, Infotech IT Pty Ltd Australia, addressed about Australian Universities, types of courses and employment under the title "Software Engineering in Australia", on 24 July 2021



Ms Alka Panda of 2015-16 (Aeronautical Branch), presently pursuing her MS at Stanford University, addressed her Achievements, Interdisciplinary areas in aeronautics, General application requirements, Finance, and Application timeline for Virginia Tech under the title "Exploring Multidisciplinary Engineering" on 27 July 2021



Observance of vigilance awareness week 2021



Saraswati Pooja at the Institute held on 13 October 2021



Virtual Orientation Program 2021

## Manipal School of Information Sciences, Manipal

Address: Manipal School of Information Sciences, Lower Ground-02, Academic Block-5, MIT  
Campus, Manipal - 576 104

Phone Number: +91 820 2571914/2925031/2925032

Email-Office: office.sois@manipal.edu

Director Email: keerthana.prasad@manipal.edu



Name of the Director: **Dr Keerthana Prasad**

Established: **1998**

### Details of Programs offered by the Institution:

- (BE/BTech as Eligibility)

Master of Engineering (ME) in

- VLSI Design
- Embedded Systems
- Big Data Analytics
- Cloud Computing
- Artificial Intelligence and Machine Learning

### About Institution/School:

Manipal School of Information Sciences (MSIS) formerly known as Manipal Centre for Information Science (MCIS) is an ISO 9001:2015 and ISO 14001:2015 certified institute. MSIS

is an industry-driven state-of-the-art training institute of excellence in the field of VLSI, Embedded Systems and Medical Software of Manipal Academy of Higher Education (MAHE) was set up in the year 1998. Since its inception, the Institute has been continuously striving for excellence in education, training and research with a mission of offering value-based education. MSIS has been conducting ME courses in highly specialized areas like VLSI Design, Embedded Systems, Big Data Analytics, Cloud Computing, Artificial Intelligence and Machine Learning. At MSIS, we create a vibrant organization where creativity and discipline strike balance.

## Institutional Activities/Curricular Activities

All other activities in the department relating to the program/course:

Sl. No.	Activity	Particulars	Date(s)
1	IQAC	MSIS is an ISO 9001:2015, 14001:2015 and 50001:2011 certified unit of MAHE. Two management review meetings were conducted for this academic year on 14 January 2021 and 27 July 2021. Dr Christopher Sudhakar, Director Quality, MAHE, and other relevant faculty members of MSIS were invited for both MRMs. Emphasis was on the achievement status of the five pillars of IoE. We reviewed IMS policy, external and internal issues, monitoring and measurement of results, process performance, and conformity of products and services. Actions are taken to address risks and opportunities. The needs and expectations of interested parties, significant environmental aspects, and new potential opportunities for continual improvement.	1 January 2021 to 31 December 2021
2	Artificial Intelligence and Machine Learning	Conducted workshop on "TinyML" conducted by Buddhi Labs, Manipal.	25 October 2021
3	Artificial Intelligence and Machine Learning	Conducted technical talk on MLFlow, a popular cloud-based platform for managing large scale machine learning projects on the cloud. The talk was delivered by Mr Sean Owen from Databricks USA	9 November 2021
4	Artificial Intelligence and Machine Learning	The technical solutions team from Databricks has conducted a one-hour hands-on workshop on building an end-to-end Machine Learning Pipeline using a sample dataset.	10 November 2021
5	Cloud Computing	Conducted a technical talk on "Hands-on session on Cyber Security" by DLitHe, Bangalore.	24 December 2021
6	Artificial Intelligence and Machine Learning	Conducted workshop series for BDA and AIML students on Machine Learning Pipelines	31 December 2021

## Details of Guest Visit (lectures, collaboration, visitors on campus)

### Guest Lectures:

Sl. No.	Visitor	Name of the Organization	Purpose of Visit	Date of Visit
1	Dr Chaitanya CVS	Intel Corporation	Conducted online lecture on the topic "Expectation from VLSI student: Industry Perspective"	11 October 2021
2	Mr Piyush Itanker	Google	Conducted an online Lecture on "Using your time at Manipal wisely"	15 October 2021
3	Mr Hashir	Wipro	Conducted an online Lecture on "Chatbots"	13 November 2021
4	Mr Guruprasad Nayaka	NXP	Conducted online Lecture on "Semiconductor industry trends and opportunities"	4 December 2021
5	Mr Abhishek KR	Intel Corporation, Bangalore	Guest Lecture on the topic "Power Management in VLSI Systems"	11 December 2021

### Details of Publications:

National		International	
Indexed	Non - Indexed	Indexed	Non - Indexed
0	0	8	0

### Conferences attended by Institution faculty and students:

Faculty		Student	
National	International	National	International
0	4	0	4

### Details of Conferences/Workshops conducted by the Institution:

Particulars	National	International
Other	1	0

### Books/chapters authored by faculty members:

Sl. No.	Name of the Book	Chapter(s) name (if authored, chapters only)	Faculty members	Publisher	Date
1	Machine Learning for Sustainable Development	Applications of conventional machine learning and deep learning for automation of diagnosis: A case study	Roopa B Hegde Vidya Kudva Keerthana Prasad Brij Mohan Kumar Singh Shyamala Guruvare	De Gruyter	19 July 2021

### Details of Research Grants:

Sl. No.	Project Name	Principal Investigator	Funding Agencies	Total Grants Received (INR)	Date(s)
1.	PRESCRIP-TEC	Dr Keerthana Prasad	DBT	1,09,67,440/-	1 January 2021 to 31 December 2021
2.	Design and development of Wearable Electrolarynx with minimal human intervention and speech enhancer	Dr Madhushankara M	BSTD	11,89,900/-	1 January 2021 to 31 December 2021



### Extra-Curricular Activities:

#### Cultural Activities:

#### In Institution:

Sl. No.	Event	Details	Date(s)
1	Ethnic Day	The ethnic day was conducted to commemorate the diversity of India and students were asked to represent their state and culture. They also discussed their culture and strength of diversity.	11 December 2021
2	Photobooth Competition	A photobooth competition was conducted with each class representing one state.	11 December 2021
3	Painting and Sketch Competition	Conducted Painting and Sketch competition as a part of AZADI Ka Amruth Mahotsav under the topic "Freedom"	08 November 2021



## Manipal Institute of Management, Manipal

Address: Manipal Institute of Management Near 9th block MIT Campus Manipal  
Phone Number: 0820 2925311

Email-Office: office.mim@manipal.edu

Director Email: ravi.nayak@manipal.edu



Name of the Director: **Dr Raveendranath Nayak**  
Established: **1999**

### Details of Programs offered by the Institution:

- MBA General
- MBA Healthcare Management
- MBA Global Business
- PhD

### About Institution/School:

Established in 1999, the Manipal Institute of Management (MIM) formerly known as the School of Management (SOM) has been shaping a new generation of business leaders, who are socially responsible and proactive agents of change management. It is about real-world learning that combines traditional classroom teaching with case studies, role-plays, simulations, etc., to develop management skills, encourage higher-order thinking and sharpen the decision-making ability. MIM is a member of the Association of Indian Management Schools and Association of Management Development Institutions in South Asia.

### Institutional Activities/Curricular Activities

All other activities in the department relating to the program/course

### Details of Programs offered by the Institution:

- MBA General
- MBA Healthcare Management
- MBA Global Business
- PhD




### About Institution/School:

Established in 1999, the Manipal Institute of Management (MIM) formerly known as the School of Management (SOM) has been shaping a new generation of business leaders, who are socially responsible and proactive agents of change management. It is about real-world learning that combines traditional classroom teaching with case studies, role-plays, simulations, etc., to develop management skills, encourage higher-order thinking and sharpen the decision-making ability. MIM is a member of the Association of Indian Management Schools and Association of Management Development Institutions in South Asia.





## Institutional Activities/Curricular Activities

All other activities in the department relating to the program/course

Sl. No.	Activity	Particulars	Date(s)
1	Chief General Manager NABARD Visit to Farmer Producer Organisation (FPO) and Manipal Academy of Higher Education (MAHE)	The Chief General Manager of NABARD, Mr Neeraj Kumar Sharma visited the Mattu FPO promoted by MAHE on 5 February 2021. During his visit, he interacted with the farmers of Mattu and shared his views on sustainable practices that can be followed by Mattu Farmers. The aspect of continuous farming, joint farming and preservation of product were the major discussion points.	5 February 2021
		 	
2	Guest talk on "Selection of securities"	CA Shivaram Kamath, Director, Samvitti Capital Pvt Ltd, Mangalore gave a talk on "Selection of securities" on 17 April 2021 on Microsoft Teams online platform to MBA finance specialization students. The students had a wonderful insightful session to realise the real significance of attitudes and financial behaviour in the field of the stock market and to be excellent investors. He also emphasised gaining experience in the stock markets and it is only with the hands-on experience one can learn the behaviour of markets. The failure of various theories and why they do not fit right in the real world of investment were explained along with a few insightful tips in the field of investment for the young budding investors of MIM. He also urged the students to start investing at the earliest however small the amount is.	17 April 2021
			
3	ATAL Academy and Manipal Institute of Management organised five-day online Faculty Development Program (FDP)	Organized a five-day online FDP on "Structural equation Modelling" from 17 to 21 May 2021. The objective was to impart theoretical and practical knowledge on structural equation modelling from 17 to 21 May 2021. SmartPLS 3 and Jamovi (lavaan package) were used to learn the statistical techniques. The program included fourteen sessions by a galaxy of leading experts in the areas of management such as finance, marketing, organizational behaviour, human resources management and statistics. More than 200 faculty and research scholars have registered for the FDP from various parts of India. The workshop was inaugurated online by the Honourable Union Education Minister Sri Ramesh Pokhriyal on 17 May 2021 at 3:30 pm. Professor Anil Dattatraya Sahasrabudhe, Chairman of AICTE and Professor M P Poonia, Vice Chairman of AICTE All India Council for Technical Education were present.	17 May 2021 to 21 May 2021
			
4	Workshop on Preparing for the Right Job	An online workshop on preparing for the right job and getting placed during the pandemic was coordinated and conducted by Dr Suraj Francis Noronha, Assistant Professor – Senior Scale, MIM on 10 and 11 June 2021. Around 40 students from second-year MBA voluntarily participated in the workshop.	10 June 2021 to 11 June 2021
			

Sl. No.	Activity	Particulars	Date(s)
5	Photography Contest	As the inaugural event of the leadership club, all the students were allowed back to Manipal once again, to partake in online classes, it seemed Manipal, opportune to hold an event in celebration of the same by holding a photography competition amongst the students with the "people". There were five participants who all beautifully captured the essence of the theme and all of their photos were posted on the Leadership club Instagram page (@mimediamanipal). All of them were congratulated for their efforts and the time they took to showcase their artistry through the medium of photography.	17 September 2021
6	Switch to sustainable menstrual products	MIM, as a part of Daan Utsav-2021 conducted, a virtual event, "Switch to Sustainable Menstrual Products" on 06 October 2021. For this event, an awareness video was prepared and launched on 6 October 2021 at 3:00 pm on all social media platforms (Instagram, WhatsApp, Facebook). The main objective of this video was to bring awareness among people about the existing use of menstrual products such as sanitary pads and tampons which cause harm to the environment and educate them about the various other sustainable choices available.	6 October 2021
			
7	Clean-up Drive	On 28 October 2021, the leadership club organized a clean-up drive to spread the message of reducing the individual impact on public waste to reduce the burden on our essential municipal workers. To symbolize this message, the club members collected plastic trash from the roads on Udupi while sharing the message with the general public via posters and slogans. The event started once all the members (numbered 28), had come to the Sri Lakshmi Venkateshwara Temple in Udupi. From this point, the group was divided into one small group in charge of holding up the banners and posters, while the larger group was in charge of collecting the plastic garbage and depositing the same in a larger garbage bag to be at an appropriate site later on. The drive dumped at 8:30 am, with the students walking through Tenkapete Road and PPC College Road, chanting the slogans of "Clean India, Green India" and "Swaccha Bharatha, Shreshta Bharatha". At around 9:00 am, a reporter from <i>Namma Kudla</i> newspaper arrived to take an interview asking about the purpose of the event and why we thought it was important. The event concluded at around 9:30 am at the gate of PPC college with our director coming to offer his support. After which all the garbage was carefully collected and the event came to an end.	28 October 2021
			
8	Pre-Placement Activities organized by Career Counselling Cell	The Career Counselling Cell of MIM organised a virtual session on resume writing on 31 October and 7 November 2021. Ms Sonal Nayak was the facilitator for the workshop. The resume writing session was attended by all the students from the second-year MBA. The main purpose of conducting the workshop was to create an Impactful Resume and Cover Letter. The session was started with basic simple questions which helped the student to get a clear understanding of the basics of a resume and curriculum vitae.	31 October 2021 to 7 November 2021
			



Sl. No.	Activity	Particulars	Date(s)
9	Industry Expectations from MBA graduates 	The Career Counselling Cell of MIM organised a two-hour session for the second year MBA students on “Industry Expectations from MBA graduates” on 1 November 2021. The resource person was Mr Appalaraju Boggarapu, Senior Manager- HR in an IT Product Organisation. The speaker very skilfully amalgamated the evolution of Technology and Industry standards and respective skills needed. He also highlighted the importance of programming skills in today’s industry. The feedback from students was positive.	1 November 2021
10	Diwali Celebration 	To commemorate Diwali, the leadership club held variety of events within the college around the theme of the festival of lights. This event was notable as being the first one that had juniors present to observe and participate. To bring the spirit of the festival into the celebrations, all students were dressed in traditional clothing. This along with the Diwali themed events brought the festival into the campus for the day. The events held were Quiz Event, Rangoli Event and Collage Event.	2 November 2021
11	Mind Management 	The Career Counselling Cell of MIM organized a two-hour session for the second year MBA students on “Mind Management” on 3 November 2021. The resource person was Mr Satyanarayanan S, project manager at Dell stated the importance of Life skills and explained personality building and Emotional Intelligence.	3 November 2021
12	Program on Soft Skills for creating a potential company ready employee 	The Career Counselling Cell of MIM organised a one-week training program on Soft Skills for creating a potential company ready employee. The training program was attended by all students from the second-year MBA batch consisting of general, health care and global students. The session was conducted from 15 November 2021 to 22 November 2021 for two hours every day. The resource persons for the workshop were from Manipal Academy of Banking, Bengaluru.	15 November 2021 to 22 November 2021

### Details of Guest Visit (lectures, collaboration, visitors on campus)

#### Guest Lectures:

Sl. No.	Visitor	Name of the Organization	Purpose of Visit	Date of Visit
1	Ms Shruthi Bhat	Business Analyst, UnitedHealth Group, Bengaluru	Guest Lecture	23 January 2021
2	Sudhindra	Capgemini, Bengaluru (Bengaluru)	Guest Lecture	27 March 2021
3	Mr Kiran Punja	Senior Director of Human Resources, APAC Region at Aptean	Guest Lecture	7 April 2021
4	Mr Krishna Prasad	Assistant Manager, Marketing department, Kasturba Hospital, Manipal	Guest Talk	21 April 2021
5	Dr Apoorva Joshi	NASSCOM	Guest Talk	11 May 2021
6	Ms Anshu Manvi	CARE Hospitals, Banjara Hills, Hyderabad	Guest Talk	18 May 2021

Sl. No.	Visitor	Name of the Organization	Purpose of Visit	Date of Visit
7	Ms Anshu Manvi	Quality Manager, CARE Hospitals, Banjara Hills, Hyderabad	Guest Talk	18 May 2021
8	Mr Anushrutha Manchi	Co-founder of the trading minds	Interaction with students	4 June 2021
9	Ms Ankita Tiwari	State Consultant - Quality Assurance, National Health Mission,	Interaction with students	17 October 2021
10	Ms Swathy Sreeshan	Consultant, Ipsos Healthcare Consultancy, Chennai (Ph D Scholar, TISS, Mumbai)	Interaction with students	15 November 2021
11	Mr Yaswanth Krishna	Chief Operating Officer SAILA architects	Guest Talk	4 December 2021
12	Mr Joseph Premraj	Associate Vice President-HR at Murugappa Group, Chennai	Guest Lecture	9 December 2021
13	Mr Sunil Kumar	Associate Director Sales and Pricing Performance, Accenture	Guest Lecture	11 December 2021
14	Mr Yashwanth Krishna	SILA Architects, Bengaluru (Bengaluru )	Guest Lecture	15 December 2021
15	Chaithanya Holla	HP Global Analytics Inc. Ltd	Guest Talk	22 December 2021

#### Details of Publications:

National		International	
Indexed	Non - Indexed	Indexed	Non - Indexed
20	0	10	0

#### Conferences attended by Institution faculty and students:

Faculty		Student	
National	International	National	International
2	3	2	9


#### Details of Conferences/Workshops conducted by the Institution:

Particulars	National	International
Workshop	4	0


#### Books/chapters authored by faculty members:

Sl. No.	Name of the Book	Chapter(s) name (if authored, chapters only)	Faculty members	Publisher	Date
1	Tackling the VUCA World through Industry 4.0	Exploring the Effects of Consumer Disposition on Purchase Intention across Global and Local Brands-Towards a Conceptual Framework	Dr V K Ranjith	Om Publications	1 January 2021



Sl. No.	Name of the Book	Chapter(s) name (if authored, chapters only)	Faculty members	Publisher	Date
2	Tackling the VUCA World through Industry 4.0 	Customer Purchase Intention and Continued Reuse of Online food delivery Applications	Dr Santosh B R	Om publications	1 January 2021

#### Details of Research Grants:

Sl. No.	Project Name	Principal Investigator	Funding Agencies	Total Grants Received (INR)	Date(s)
1	NABARD 	Dr Joshi	NABARD	4,35,000.00	1 April 2021 to 31 March 2021


#### Awards/Recognitions: Students



Sl. No.	Name	Details	Date
1	"Best paper award" in ICHTR	Vaishnavi Vetsa from second-year MBA (HCM) has won the "Best paper award" under the Management Sciences category in the Interdisciplinary Conference on Health and Technical Research (ICHTR) Conference conducted by MAHE-SRF. The paper titled: "A Comparative Study on Medical Reimbursement and Group Health Insurance Policy at HUDCO" won the "Best paper award" in ICHTR	22 October 2021

#### Extra-Curricular Activities:

##### Sports Activities:


##### In Institution:

Sl. No.	Event	Details	Date(s)
1	Walkers and Joggers Club Inauguration 	Considering the physical and mental well-being of the students and also to improve the academic level of each and every student of MIM, the college had inaugurated the "Walkers and Joggers club" under the active guidance of our director Dr Raveendranath Nayak on 27 September 2021.	27 September 2021


Sl. No.	Event	Details	Date(s)
2	The FIT RAHO UDUPI at MAHE 	The "FIT RAHO UDUPI" at MAHE, an initiative to promote fitness as a lifestyle was held on 6 September 2021 at Manipal. Around 14 students from MIM took part in this 3 km run from the EDU building to Venugopal Temple. All the runners dressed in white and red t-shirts, gathered at the EDU premises to propagate the importance of a healthy lifestyle. Mr Raghupathi Bhat (MLA), Dr M D Venkatesha, and Dr H S Ballal addressed the gathering and emphasized the importance of physical exercise and running every day.	6 September 2021
3	21 days Yoga Sessions-1 	The 21 days yoga sessions took place at the Innovation Centre, MIT. Dr Arun Shanbhag supported the initiative by providing the lobby of the Innovation Centre for daily yoga practice in the evenings. The sessions were inaugurated by Dr Shobha M E, Joint Secretary, Sports Council, MAHE, Manipal, In the presence of Director MIM and other dignitaries. The session commenced on 7 October 2021 and went on till 29 October 2021. Sessions concluded on 29 October 2021 in the presence of Dr Upendra Nayak, Deputy Physical Education Director, MIM, Manipal.	7 October 2021
4	Interclass Carrom Competition	MIM organized its second event, the Interclass Carrom competition on 30 November 2021 and 1 December 2021. The event was organized by the Sports Council for all MBA students and was successful with the participation of 26 teams. The event was successful with the support of our Dr Upendra Nayak, Dr Kavitha and Dr Raveendranath Nayak and along with the active participation of MIM students.	30 November 2021
5	Interclass Chess Competition	MIM Sports Club organized its first event, the Interclass Chess competition on 23 November 2021 and 24 November 2021. The event was organized by the Sports Council for all MBA students and 28 students participated in the event	23 November 2021

### Cultural Activities:

#### In Institution:

Sl. No.	Event	Details	Date(s)
1	Dance Competition 	Rithika and Srineha were put in charge of managing the event and came up with a list of rules and regulations which were then disseminated to the students who registered via the google forms shared on 10 October 2021. The form was sent to both MIM and DOC departments. The registrations were kept up till 20 October and MIM Alumni Meghana Nayak was chosen to be the judge. A total of 11 responses were received out of which four were from DOC. The registered contestants were added to a group for communication as mentioned above. They were given five days to submit their videos. Out of 11 contestants, eight had submitted the video. One among them was disqualified due to non-compliance.	10 October 2021

## Outside University

Sl. No.	Event	Details	Date(s)
1	MRPL (Mangaluru Refinery and Petrochemicals Limited-MSNIM, Mangaluru, Inter-Collegiate Debate Competition	 <p>Krishna Prasad Chaganti has won the “Best Debater Award”, and Krishna Prasad Chaganti and Vaishnavi Vetsa, second-year MBA, Healthcare Management, has won Second Prize in the debate competition on 28 October 2021. The competition was organised by MRPL-MSNIM, Mangalore to create awareness in Professional colleges regarding the importance of Vigilance and Integrity. One of the events was the Inter-Collegiate Debate Competition, 2021. The topic for the Debate was “Lack of Integrity has hampered India’s Progress”. The debate was moderated by the management of both MRPL and MSNIM along with a secret judge. Colleges from across Karnataka participated in the 3 + hour Debate.</p>	28 October 2021
2	Inter-Collegiate Debate Competition	<p>The Annual Maria Phillip Memorial Inter-Collegiate Debate Competition concluded on 5 March 2021, at the Xavier Institute of Management and Entrepreneurship (XIME), Bengaluru. Due to the pandemic the regional rounds, this year were held online for the three region clusters - Bengaluru, Mangaluru and Mysore in October. The regionals saw participants from top engineering colleges, medical colleges, and business schools in the state. The topic for this year’s contest was “Government’s economic measures to deal with the impact of COVID-19 have so far been effective”. Flexon Joseph Fernandes and Richa Kaushik representing MIM, MAHE, Manipal won first place in the Mangalore regionals. The second place was bagged by the students of Kasturba Medical College, Mangalore and the third place by the team representing TAPMI, Manipal.</p>	5 March 2021

## Department of Commerce, Manipal

Near 9th Block, MIT Campus, Manipal-576104/  
Old TAPMI Building, Near Post office, Manipal – 576104

Phone Number: 0820-2925342, 2922084

Email-Office: doc.office@manipal.edu HOD Email: sandeep.shenoy@manipal.edu



Name of the HOD: **Dr Sandeep S Shenoy**

Established: **2007**

### Details of Programs offered by the Institution:

#### 1. UG Programs:

- a) BBA with 10 Specialisations
- b) BCom (Professional) and BCom (Business Process Services)

#### 2. PG Programs:

#### Degree:

- a) MCom (Professional), MCom (Banking Technology) and MCom (Logistics and Supply Chain)
- b) MSc in Health Economics
- c) MSc in Financial Economics
- d) MSc in Business Analytics

- e) MA in Digital and Creative Marketing

#### Diploma:

- a) PGD in Logistics and Supply Chain

#### About Institution/School:

Department of Commerce (DOC) was established in the year 2007 with the launch of the undergraduate program BBA specializing in e-Banking and Finance. The department subsequently introduced additional specializations namely Financial Markets, Professional, Logistics & Supply chain management, Insurance, Human Resource

management, Marketing Management, Business Analytics, Economics Studies, Family Business Management. The department also started a Master's Program in Commerce (MCom) specializing in Logistics and Supply Chain, Professional and Banking Technology. Bachelor of Commerce (BCom) program with Professional and Business Process Services specializations and one-year Postgraduate Diploma (PGD) in Logistics and Supply Chain are also offered at the department. From the academic year 2018, the department has introduced two more PG Programs i.e., MSc (Health Economics) and MSc (Financial Economics) and in 2019 we have started MSc (Business Analytics). In the academic year 2020, we started one more new PG program i.e., MA in Digital and Creative Marketing. The vision and mission of the department are to develop into a world-class centre of excellence in education, training and research. We strive to prepare students not only for examination but also for life without losing

their areas of specialization and competence. DOC hosts six centres focused on excellence in their respective domains. They are the Centre for Advanced Learning in Finance and Accounting, Centre for Managing Family Business, International Centre for Business Studies, Centre for Supply Chain Education and Research, Centre for Consultancy Training and Corporate Interface, Centre for Business Analytics. The DOC has recorded a consistent improvement in its academic, research, and placement performance. It offers a range of innovatively designed programs whose curriculum is constantly updated to meet the changing requirements of the industry and to meet the needs of major stakeholders. We are encouraged when we see many industries coming back to our department to recruit our students, which reinforces our belief in the effectiveness of our curriculum and its suitability for the dynamic corporate world.




### Institutional Activities/Curricular Activities

All other activities in the department relating to the program/course:

Sl. No.	Activity	Particulars	Date(s)
1	Workshop on "Building Digital Content with focus on Google, YouTube and Facebook"	The workshop on "Building Digital Content" was held from 8 January 2021 to 20 January 2021 facilitated by Mr Ram Pawru. Workshop on Integrating Content with Digital Media Channels was held from 9 August to 30 August 2021 facilitated by Mr Bharat Manghnani. As part of the industry-academia interaction program and digital marketing skill development initiative, MA-Digital creative marketing program (DOC, MAHE) coordinators have organized a 40-hour workshop facilitated by our training partner ISDC. A total of 80 hours of hands-on training sessions are conducted.	8 January 2021 to 20 February 2021
2	Workshop on "Fostering the Entrepreneurial Spirit Among Creative and Innovative Youth- Through Industry Academic Interface with Government Mediation"	Our department submitted a proposal for a financial grant to conduct a series of workshops on the topic "Fostering the Entrepreneurial Spirit Among Creative and Innovative Youth Through Industry-Academia Interface with Government Mediation" to the Department of Industries and Commerce, Government of Karnataka in September 2019 and received a grant of 1,50,000/- INR in March 2020. Accordingly, the DOC, MAHE has organized the workshop on the above-mentioned topic on, 29 January 2021, 4 February 2021, 5 February	29 January 2021 to 10 February 2021

Sl. No.	Activity	Particulars	Date(s)
		2021, and 10 February 2021. Around 250 Students from MAHE, MGM College Udupi, Government first Grade College Udupi and Government First Grade College, Tenkanidiyoor participated in the workshop.	
3	Faculty Development Program on "Analytics using Python-Level 1"	The aim of the program is to provide basic to advanced Analytical skills using different libraries of Python. This course introduced the participants to understanding Python programming language and various types of data, different techniques to do data analysis and visualization with the help of widely used libraries. Participants were able to develop skills in understanding, managing and analysing data using powerful analytical techniques in Python. The hands-on training was given to perform End-to-End Exploratory Data Analysis (EDA). The resource person for the training was Mr Shubham Tripathi, Data Scientist, The George Institute for Global Health.	15 Feb 2021
4	Workshop on HR Audit	The workshop was held on 22 February 2021. Resource person for the workshop: Mr Brian Sabio Lobo, Chartered Accountant, CPA Australia and Chaturvedi and Shah, LLP Chartered Accounts, Mumbai	22 February 2021
5	Bharath Ka Amruth Mahotsav	Following the letter dated 26 February 2021 from the Chairman, UGC, New Delhi about "Bharath Ka Amruth Mahotsav", a series of activities were conducted on the theme of Indian Independence and the related has been proposed to be held for the next 2 years. 1. Photography contest was held from 10 April to 30 April 2021. Theme: Historically significant places in India 2. The painting contest was held from 25 May to 12 June 2021. Theme: Atmanirbhar Bharat 3. Essay Writing was held on the theme, "Elimination of Single-Use Plastic". An essay competition was held between 25 June 2021 to 5 July 2021 for the MAHE students, staff, and their children.	26 February 2021 to 31 December 2021
6	Launch of E-Magazine and podcast series "DOCAST"	The document is our very own e-magazine. The document is created by the students of DOC for the students of DOC. It is a magazine filled with news, case studies, and stories from the world of business. All original and written by our writing team with some contributions from faculty as well. The document project was led by Debanshu Pani, our student research forum head and Sourabh Pathania, our Vice President who has done a wonderful job in bringing the project to life from its ideation stages to its execution.	27 February 2021
7	Soft Skill Development Training Programme (Workshop)	Soft Skills Development Program for MSc students of KMC organized by the Centre for Consultancy Training and Corporate Interface (CCTCI). The number of participants was 60.	1 March 2021 to 16 March 2021





Sl. No.	Activity	Particulars	Date(s)
8	Online Webinar on "Tackling Pandemic Stress And Adapting to Virtual Learning"	The session was delivered on tackling pandemic stress. The alumni, Tejaswani Jaladi was the resource person who gave tips to the students regarding how to manage themselves during the virtual learning process.	15 April 2021
			
9	Online Webinar on "The Path Towards Becoming Professionally Qualified"	The resource person for the webinar was Richard Bernard, from Deloitte. The session was a revelation for students who wanted to pursue different professional certifications and to learn about the nature of each certification.	30 April 2021
10	Online Webinar on "Enterprise Risk Management"	The resource person was Mr Praveen Suvarna, Business Head – BFSI and FinTech. He emphasized the importance of enterprise risk management, the methods and processes used by organizations to manage risks and seize opportunities related to the achievement of their objectives.	4 May 2021
11	Annual Day–2021	Online Annual day for Undergraduate students of the DOC was held on 18 May 2021. All the students and staff of the DOC, MAHE, Manipal, witnessed the event. Meritorious students were virtually felicitated during the event. The Chief Guest of the event was Dr PLNG Rao, Pro Vice Chancellor, Quality Assurance, MAHE, Manipal.	18 May 2021
12	International Yoga Day	Enthusiastic students and faculty members of DOC, MAHE, Manipal have participated in International Yoga day "Be with Yoga, Be at Home".	21 June 2021
			
13	Online Webinar on "Global Accounting Certification for Career Advancement"	Mr Ronak Baheti spoke about the importance of Association of Chartered Certified Accountants (ACCA) as a certification, which would change the career perspective of an individual and the benefits associated with it.	8 July 2021
			
14	Student Council Inauguration	"Student Council 2021-22 of DOC Inaugural event" was held on 15 September 2021 via MS teams Platform. Dr Geetha Maiya was the chief guest of the event and it was presided over by Dr Sandeep S Shenoy, HOD.	15 September 2021
15	International Conference on Commerce and Management	In the year 2021, we have conducted International Conference in association with Manipal International University, Malaysia, Deakin University, Australia and HU Applied Sciences, Utrecht, Netherlands as Knowledge	16 September 2021 to 17

Sl. No.	Activity	Particulars	Date(s)
		partners. The main theme of this year's conference is "Redefining Sustainable Global Business Dynamics". Owing to the COVID-19 Pandemic, we have hosted the second edition of the conference on 16 and 17 September 2021. The conference was held through online mode. The conference would attempt to facilitate researchers worldwide to present their research work, expanding knowledge and insight into the significant challenges currently being addressed in the research. Research papers, case studies, and articles would be presented from various inter-disciplinary areas and sectors for the conference. The keynote speakers for the two-day conference were Dr Edwin Weesie, Associate Professor, Lectorate Financial Economic Innovation, Utrecht, Netherlands, and Dr Chinmoy Sahu, Vice Chancellor of Manipal GlobalNxt University, Malaysia.	September 2021
16	BBA Orientation	"BBA Orientation Programme 2021" was organized by DOC on 20 September 2021 at 10:00 am. The Chief Guest for the orientation program was Mr Simon Avinash, Vice President-Employee Recruiting, Salesforce, Hyderabad. The program was presided by Dr H S Ballal Pro Chancellor, MAHE, Manipal. The total number of students who attended the program was 237.	20 September 2021
17	BCom Orientation	The BCom orientation program 2021 was done through MS Teams. Mr Koshy M Mathew of EY was the chief guest. The program was presided over by Lt Gen (Dr) M D Venkatesh, Vice Chancellor of MAHE, Manipal gave his presidential address: Dr. Sandeep Shenoy, Head Dept of Commerce, Faculty members, parents and students were present during the occasion of orientation.	22 September 2021
18	Inaugural Ceremony of Finance Club and Webinar on "Contemporary Issues in the Indian Banking Sector"	DeFin (Finance Club) organized the Inaugural Ceremony on 25 September 2021 at 10:00 am via MS Teams. On the same day, DeFin conducted a Webinar on the topic "Contemporary Issues in the Indian Banking Sector" which was delivered by our chief guest, Mr Puneet Sharma, Chief Manager, State Bank of India, New Delhi. The Webinar had 200 participants	25 September 2021
19	Daan Utsav	On 1 October 2021, in Namma Bhoomi, Kundapura Udupi, the DOC MAHE launched their first Daan Utsav project, "Gyaan Daan", a financial literacy program. Members of the Volunteer Services Organization (VSO) gave demonstrations on a variety of financial topics, including banking, insurance, and investing. The accumulation of plastic in our oceans and on our beaches has turned into a worldwide disaster. Each year, thousands of seabirds, sea turtles, seals, and other marine mammals die due to swallowing or being entangled in plastic. In response, DOC MAHE's second	1 October 2021 to 3 October 2021



Sl. No.	Activity	Particulars	Date(s)
		Daan Utsav project, "Cleanotsav", a beach cleanup drive, was organised on 3 October at Padukere beach in Malpe, Udupi. VSO members and faculties from DOC were actively involved in the event	
20	PG Programs Orientation	PG Program Orientation was held on 13 October 2021 through MS Team. The Chief Guest for the program was CA Sudhir Prabhu, Partner, Pathak H D and Associates, Mumbai and Mr Tanvir Singh, Talent Acquisition, EY Global Delivery Services.	13 October 2021
21	The district-level awareness program on "Schemes for Tribal women with disabilities"	On 25 October 2021, Monday from 10:30 am at Dr V S Acharya Hall of Udupi Zilla Panchayath at Rajatadri of Manipal, "the district level awareness program on schemes for Tribal women with disabilities" was organized cordially by the Udupi district administration, Udupi Zilla Panchayath, Integrated Tribal Development Project, Women and Child Welfare Department, Disabled and senior citizen welfare department and the DOC, MAHE, Manipal.	25 October 2021
22	Vigilance Week	As part of Vigilance week, we held three events on the theme "Independent India". These events were a quiz and poster making competition on Independent India and Entrepreneurs Talks. These events were informative and a great learning experience for students. The events were participated by around 150 students leading to its success. Apart from this, the council has also conducted grooming sessions for helping students get ready for fests. Establishment of clubs, building a media team, guiding the team of the document (E-magazine) and many more activities are being performed by the council on a day-to-day basis.	27 October 2021 to 5 November 2021
23	Clean India Program	The Department of Youth Affairs, Ministry of Youth Affairs and Sports has initiated the Clean India Program, a program covering 250 lakh villages that involve around 30,000 educational institutions. The program involves a cleanliness drive that includes cleaning up waste, collecting single-use plastic and many other activities. As a part of the same, DOC organized a cleanliness program on 29 October 2021, where students and faculties of the department cleaned the areas near Kamath Circle.	29 October 2021
		 	
24	Webinar on "How to Do Equity Research of your Own"	DeFin (Finance Club) organized a Webinar on the topic "How to do Equity Research on your own" which was delivered by our guests, Mr Aditya Kondawar, Chief Operating Officer, JST Investments, Mumbai and Mr Aditya Shah, Chief Investments Officer, JST Investments, Mumbai. The Webinar was held on 30 October 2021 through MS Teams. There were 110 attendees for this	30 October 2021

Sl. No.	Activity	Particulars	Date(s)
		particular Webinar. Mr Aditya Kondawar is a DOC alumnus from the program BBA (FM) 2012-15 Batch.	
25	Research Methodology Workshop on "Hypothesis Building and Testing: A Structural Equation Modelling Approach"	Research Methodology workshop on "Hypothesis Building and Testing: A Structural Equation Modelling Approach" was conducted on 10 November 2021 by the Centre for Consultancy Training and Corporate Interface (CCTCI) jointly with I-BAT. Researchers (mainly faculty) from India and abroad participated in the workshop	10 November 2021
26	Business Idea Innovation	The Innovation Centre, MAHE jointly with DOC, MAHE, organized the Business Idea Competition. The inauguration of this competition was held on 10 November 2021. The main objective of the Business idea competition was to foster a culture of innovation among the students of MAHE. To achieve this objective, 55 innovators presented the business innovation ideas from 17 constituent institutes of MAHE.	10 November 2021
27	Workshop on "Role of Students in Making Udupi Nasha Mukta" and Inauguration of DoC Nasha Mukta Club	The DOC, MAHE in association with the Department of Student Affairs (DSA), MAHE conducted a workshop on the "Role of Students in making Udupi Nasha Mukta" for the students of DOC on 17 November 2021, as a part of the project "Nasha Mukta Udupi Abhiyaan" by involving young leaders of MAHE which is a part of the nationwide Government campaign "Nasha Mukta Bharat Abhiyaan". The workshop addressed crucial issues related to substance abuse among youth and had around 500 participants. Shri Kurma Rao, IAS, Deputy Commissioner, Udupi, was the chief guest for the inaugural function of the workshop.	17 November 2021
28	Team Power organised a seminar to facilitate the entrepreneurial initiative of the women in the Udupi district. The workshop was organised by POWER on 20 November on the occasion of International Women's Entrepreneurship Day at "Ocean Pearl". Many women entrepreneurs and women students participated in the workshop to exchange their views and experiences.	DOC has identified eight enthusiastic women students to participate in the above workshop organised by POWER on 20 November on the occasion of International Women's Entrepreneurship Day at "Ocean Pearl". The deliberation in the workshop proved to be very useful to the students and two research scholars of the DOC.	20 November 2021

Sl. No.	Activity	Particulars	Date(s)
			
29	Webinar on “How to Analyse Financial Statement for an Investment”	DeFin (Finance Club) organized its second Webinar on the topic – “How to Analyse Financial Statement for an Investment” which was delivered by our guest, Mr Aashutosh Singla, Co-Founder, Finlight. The webinar was held on 24 November 2021 from 2:00 pm onwards through MS Teams. There were close to 140 attendees for this particular Webinar	24 November 2021
30	Establishment of Callidus	The council named “Callidus”, the debate club was established on 26 November 2021.	26 November 2021
31	Training Program at BASE .	Dr B R Ambedkar School of Economics University (BASE) is a renowned institute recognized by UGC and established by the Government of Karnataka in the field of Economics and is modelled on the lines of the widely reputed London School of Economics through its course curriculum, research, and various other training programs. Course Design: The training program covered a basic understanding of finance and econometrics. Additionally, highly relevant and career-focused financial concepts like Time series analysis, Volatility modelling, Panel data models, Event study models with factor analysis and co-integration models are a part of the training program. The five-day course is well suited for students aspiring for a career in Financial Analytics and Econometrics. Partnership with BASE helped us position our course with a distinctive advantage when compared to other competing Universities/Colleges offering the same course.	29 November 2021 to 3 December 2021
32	Sports Webinar Series on “Sports Management for Non-sport Professionals”	The sports webinar was organized on 30 November 2021 at 10:30 am. Topic: “Sports Management for Non-Sports Professionals”. The webinar was held through blended mode at DOC’s Research and PG Block. Dr Madhukar S M, CEO of Innaumation, Bengaluru was the resource person and he highlighted the benefits of sports and how to implement this in our lives. His own experiences and other case studies were deliberated. Around 200 students both physically and virtually were present and few of them interacted with the resource person.	30 November 2021
			
33	Convergence 2021-22	Convergence is an in-house management fest organised by the seniors of the college for the freshers batch every year. It aims to give every student an understanding of how managerial tests work and what it takes to put up a	3 December 2021 to 4 December 2021

Sl. No.	Activity	Particulars	Date(s)
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good competition. Many students' got an opportunity to write cases and a glimpse into the corporate world. The shift of convergence from offline to online mode at the last moment did pose some challenges to the council in conducting the event but everything ran smoothly in the end due to the amount of work put into the event by the organizing committee.

#### Details of Guest Visit (lectures, collaboration, visitors on campus)

##### Guest Lectures:

Sl. No.	Visitor	Name of the Organization	Purpose of Visit	Date of Visit
1	Mr Pradeep Panda	Indian Institute of Public Administration, New Delhi	Guest Talk	6 February 2021
2	Hadrine H Pereira	Senior Manager, ISDC	Guest Talk	17 June 2021
3	Mr Sujir Prabhakar	Former General Manager, Syndicate Bank	Guest Talk	22 June 2021
4	Dr N R Bhanumurthy	Vice Chancellor, Dr Ambedkar School of Economics, Bengaluru	Guest Talk	8 September 2021
5	Dr Deva Kumar	Professor and Head, Innovation and Research Centre, M S Ramaiah School of Applied Sciences, Bengaluru	Guest Talk	14 September 2021
6	Mr Prithviraj Nayak, Centre Manager	Centre for Entrepreneurship Development of Karnataka, Government of Karnataka	Guest Talk	17 September 2021
7	Anand Thiagarajan	Vice President, Human Resources at Innive Inc	Guest Talk	15 October 2021
8	Dr Dimple Butani, Research Fellow,	Health Intervention and Technology Assessment Program, Thailand	Guest Talk	21 October 2021
9	Mr Praveen Suvarna, Principal Head,	BMG India, Mumbai	Guest Talk	30 October 2021
10	Dr Sangeetha Iyer, Senior Research Analyst (MedTech Insights)	DRG Clarivate (London, UK)	Guest Talk	13 November 2021
11	Mr Aashutosh Singla	Co-Founder, Finlight	Guest Talk	24 November 2021
12	Mr Kalpesh Mody, Head-Legal, Compliance	Company Secretary, Chief Financial Officer at STCI Primary Dealer Limited	Guest Talk	11 December 2021 to 11 November 2021

**Details of Publications:**

National		International	
Indexed	Non - Indexed	Indexed	Non - Indexed
4	0	16	0

**Conferences attended by Institution faculty and students:**

Faculty		Student	
National	International	National	International
01	25	0	2

**Details of Conferences/Workshops conducted by the Institution:**

Particulars	National	International
Workshop	6	0
Other	06	0
Conference	0	1

**Details of Research Grants:**

Sl. No.	Project Name	Principal Investigator	Funding Agencies	Total Grants Received (INR)	Date(s)
1	Access to Palliative Care Services in Odisha	Dr Deepak Kumar Behera	Access Health International and Health System Transformation Platform (HSTP)	6,00,000/-	1 November 2021 to 31 October 2022

**Awards/Recognitions:****Faculty Members**

Sl. No.	Name	Details	Date
1	Dr Deepak Kumar Behera	Health System Global Speaker Scholarship and Membership for two years	1 January 2021
2	Dr Deepak Kumar Behera	India HPSR fellowship	1 January 2021
3	Dr Mathew Thomas Gil, Assistant Professor - Senior Scale	Invited as a Resource person for Teaching Faculty workshop on "Bibliometrix" organised by DOC, MAHE, Manipal on 15 January and 27 January 2021	15 January 2021
4	Dr Mathew Thomas Gil, Assistant Professor - Senior Scale	Invited as a resource person for the webinar on "How to Make an Effective questionnaire" organised by the Department of Management Studies, The Oxford College of Engineering, Bengaluru on 2 July 2021.	2 July 2021
5	Dr Sandeep S Shenoy, Professor	Resource Person at AICTE Training and Learning (ATAL) Academy – Faculty Development Program on "Artificial Intelligence in Pharmaceutical Product Development" organized by Department of Pharmaceutics, Manipal College of Pharmaceutical Sciences, MAHE, Manipal in association with Schrödinger Inc. Bengaluru.	26 July 2021

Sl. No.	Name	Details	Date
6	Dr Shilpa Gopal, Assistant Professor-Senior Scale	Invited as a Guest Speaker for the Marketing Symposium conducted by Christ University, Bengaluru	17 September 2021
7	Dr Shilpa Gopal, Assistant Professor-Senior Scale	Invited as a Chairperson for the Research paper presentation session on "Customer-Centric Digital Communication, Engagement and Channel Strategy and Sustainable Marketing Practices" at Jains CMS College, Bengaluru	28 October 2021
8	Dr Mathew Thomas Gil, Assistant Professor-Senior Scale	Invited as a Resource Person for the Webinar on "Identification of Business opportunities" organised by MIC sponsored impact lecture series II conducted by Dhanalakshmi Srinivasan College of Engineering and Technology on 28 October 2021.	28 October 2021
9	Dr Mathew Thomas Gil, Assistant Professor-Senior Scale	Invited as a Chairperson for the International Conference on Business Management in emerging Markets conducted by The Oxford College of Engineering, Bengaluru on 1 and 2 November 2021	1 November 2021
10	Dr Sandeep S Shenoy	Invited for the Guest Lecture on the topic "Contribution of Private Universities to Indian Higher Education Ecosystem" on 22 November 2021 at ABSMIDS, Nitte, Mangalore	22 November 2021

#### Students

Sl. No.	Name	Details	Date
1	Mr Satyam Shukla	He was selected for an internship offered by the Humboldt University of Berlin, which is one of the top 100 universities globally for the internship.	27 January 2021
2	Dhaneshvar Ravichandran, Siddharth Babu, Amrutha Rajesh, Ankit Jha, Bhavana Raghu, Nadia Yazden, Melvin Palakottu Jhonson, Mark Palakottu Johnson, Vishwanath Murali	CMA Scholarship for students	4 May 2021
3	Mr Rajeev Matha	Best Paper award VIT-AP University, School of Business, Andhra Pradesh	27 July 2021
4	Ms Abulin Lazhya - Best Outgoing Student of the BBA batch 2017-20.	This award is sponsored by Dr Satish Shetty and Trust. Ms Abulin earned EY's "Best Intern Award" in her second year and was then chosen to attend the 16-week fully funded "International Intern Leadership Conference 2019" as a representative of EY India in the United States.	29 September 2021
5	Spoorthi Shetty, third- year BBA (Professional)	Global Miss International India Universe second runners up 2021 which was held in Delhi on 11 November 2021	11 November 2021



Sl. No.	Name	Details	Date
6	Swarna Sherigar, first-year BCom (Professional)	Cadet and Junior Kickboxing championship held in December 2021 - first place in Creative Form Weapon Team	1 December 2021

#### Extra-Curricular Activities:

##### Sports Activities:

##### In Institution:

Sl. No.	Event	Details	Date(s)
1	MAHE Staff Carrom competition on 11 and 21 December at DOC.	Men's Singles: Mr K Mohandas Pai, MIC Manipal was the winner and Dr Roshan Nayak, KMC was the runner-up. Men's Doubles: Mr K Mohandas Pai, MIC Manipal and Mr Kishore Kotian were the winners. Mr Prashath and Mr Sharath from MAHE -Finance, were runner-ups. Women Singles: Dr Pratima J was the winner and Dr Shubha H S was the runner-up. Women Doubles: Dr Pratima J and Dr Shubha H S were the winners, and Dr Veena Nayak and Dr Sangeetha Kamath from KMC Manipal were the runner-ups	11 December 2021



##### Outside University:

Sl. No.	Event	Details	Date(s)
1	Basketball:	Mr Nihal Kumar, from DOC is representing MAHE, Manipal at the South Zone Inter-University Basketball Men tournament 2021-22 at Christ University, Bengaluru from 30 December 2021 to 4 January 2022.	30 December 2021



#### Cultural Activities:

##### In Institution:

Sl. No.	Event	Details	Date(s)
1	Symphony-Solo Singing competition	Symphony-Solo singing competition held on 4 August 2021 on the occasion of the 75th year of Indian Independence-on the theme "Indian Independence Indian Heritage"	4 August 2021
2	Halloween Event	The Halloween Event on held on 30 October 2021. As soon as we were back on campus, the council produced the idea of organizing the very first Halloween event in the department to host a warm welcome to our batchmates and juniors (who had missed their fresher's day). The event consisted of talent shows, a heist etc. The council was simply able to create a happy environment for everyone.	30 October 2021



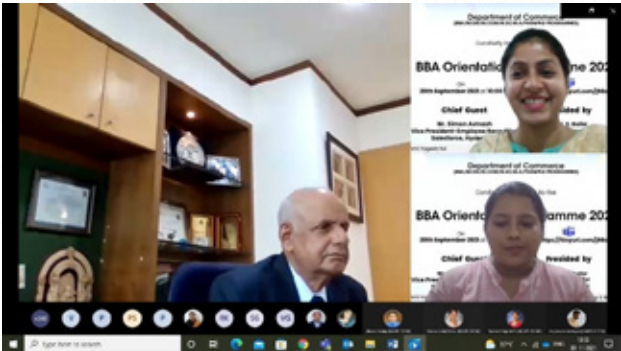
Photo Archive of Important events



Ms Abulin Lazhya - Best Outgoing Student of the BBA batch 2017-20.



The district-level awareness Program on "Schemes for Tribal women with disabilities"



Dr H S Ballal, Pro-Chancellor, addressing the gathering of BBA Orientation Program 2021 was organized by the Department of Commerce on 20 September 2021. The Chief Guest for the orientation program was Mr Simon Avinash, Vice President-Employee Recruiting, Salesforce, Hyderabad.



Enthusiastic students and faculty members of the DOC, MAHE, Manipal have participated in International Yoga Day "Be with Yoga, Be at Home".



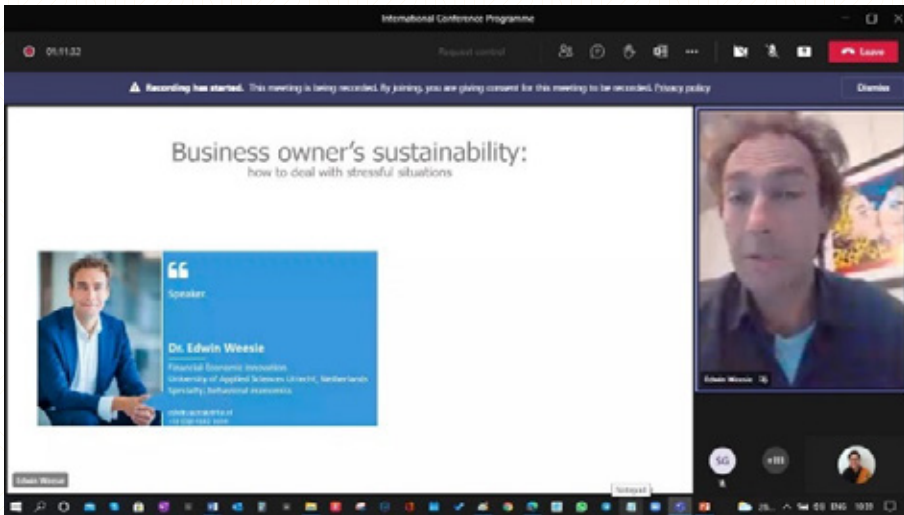
The Department of Youth Affairs, Ministry of Youth Affairs and Sports has initiated the Clean India Programme.



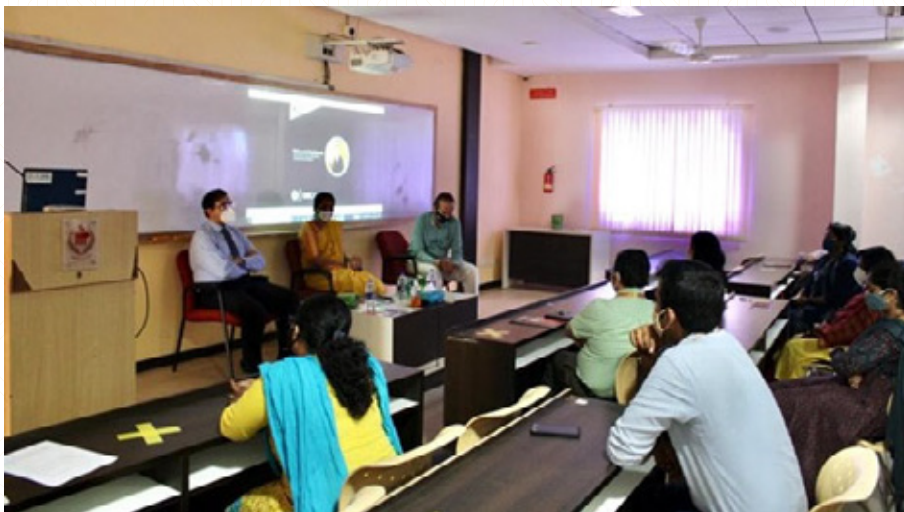
The Department of Commerce (DOC), MAHE in association with the Department of Student Affairs (DSA), MAHE conducted a workshop on the "Role of Students in making Udupi Nasha Mukti" for the students of DOC on 17 November 2021, as a part of the project "Nasha Mukti Udupi Abhiyaan"



Faculty Development Program on “Analytics using Python - Level 1”



International Conference in association with Manipal International University, Malaysia, Deakin University, Australia and HU Applied Sciences, Utrecht, Netherlands as Knowledge partners on 16 and 17 September 2021.



Launch of E-Magazine and podcast series “DOCAST”

## Department of Atomic and Molecular Physics, Manipal

Address: LG-01, AB-5, MIT Campus, MAHE

Phone Number: 0820-2925072/73

Email-Office: camp.mu@manipal.edu

HOD Email: santhosh.cls@manipal.edu



Name of the HOD: **Dr Santhosh Chidangil**

Established: **2007**

### **Details of Programs offered by the Institution:**

- MSc Photonics
- MSc Nanoscience and Technology
- Certificate Course in Laser Applications in Biology and Medicine
- Certificate Course in Nanoscience and Technology

### **About Institution/School:**

Department of Atomic and Molecular Physics (DAMP) was established in the year 2007

maturing from its nascent form as the Centre for Laser Spectroscopy as part of Kasturba Medical College (KMC) since 1997. Ever since the day of its establishment, the prime focus of the department has been research and development programs in the area of Laser and Spectroscopy. DAMP has now established itself as a leading centre for research in several areas like ultra-fast phenomena in atoms and molecules, photonics, biophotonics, nanobiophotonics, nanomaterial synthesis and characterisation and biophysics.

At the avant-garde photonics and applied nanoscience labs at DAMP are the techniques of Micro-Raman spectroscopy, Raman tweezers spectroscopy, laser-induced fluorescence (LIF) spectroscopy, laser-induced breakdown spectroscopy (LIBS), photoacoustic spectroscopy, nanoscale surface engineering, nanobiosensors, photothermal techniques, micro and optofluidics. Two centres are functioning in the department- Centre of Excellence for Biophotonics and the Centre for Applied Nanoscience.

The faculty members in the department are active researchers, most of them are guiding PhD students and investigating one or more research projects funded by government agencies. Apart from 11 regular faculty members, there are six adjunct faculty members - Dr V B Kartha (Former Head of the Spectroscopy Division of BARC), former Head of DAMP is the chief advisor of the research activities in the department. Dr Deepak Mathur, Former Distinguished Professor of TIFR is a J C Bose Fellow at DAMP. The research scholars including more than 30 PhD students form the backbone of the department for the research activities. The department maintains active collaborations with different institutes on and off-campus including premier research centres in and out of the country. The department also offers two postgraduate courses which are MSc Photonics and MSc Nanoscience and

Technology. The students graduating from these specialized courses are very much in demand in different laboratories all over the world for academic research as well as in the Research and Development divisions of industries. The department is now on its way to launch an undergraduate program in Physics.

The department is at the forefront in organising a multitude of scientific meets of different kinds including symposia, workshops and conferences and also encourages the students here to participate and present papers at similar events organised by other research centres. The students here reap the best benefits out of the contacts and collaborations that the department has with other leading research groups across the globe as well as from the rich research ambience here. The MAHE student chapter of SPIE (International Society for Optics and Photonics) functions at a DAMP and facilitates the students in receiving education and travel grants. Under the auspices of SPIE, outreach programs are regularly conducted in the neighbouring schools to spread the awareness of Optics and Photonics among the young learners. Also, every year, the chapter conducts a BSc Interaction Program wherein college students from the neighbouring areas get an opportunity to visit our laboratories and see the demonstration of the latest research techniques.

### Institutional Activities/Curricular Activities

#### New Initiatives:

Sl. No.	Activity	Particulars	Date(s)
1	BSc Honours in Physics	The planning and groundwork to launch the BSc Honours Program in Physics is ongoing	2 February 2021 to 31 December 2021

**All other activities in the department relating to the program/course:**

Sl. No.	Activity	Particulars	Date(s)
1	SPIE Event: Interactive session on 3D imaging and display	Speaker: Professor Anand Krishna Asundi. Date and Time: 16 May 2021, 2:20 pm to 3:30 pm IST. Participants: 39. Events held in connection with the International Day of Light	16 May 2021
2	SPIE Event: Webinar on GHz – THz Nonlinearities in semiconductor superconductor multipliers	Speaker: Dr Mauro Fernandes Pereira. Date and Time: 23 June 2021, 12:30 pm to 1:30 pm IST. Participants: 22	23 June 2021
3	SPIE Event: Webinar on Maxwell's contribution to Colour Science	Speaker: Professor Vasudevan Lakshminarayanan. Date and Time: 17 July 2021, 6:00 pm to 7:00 pm IST. Participants: 27	17 July 2021
4	SPIE Event-Lumino 2021	Online photography contest SPIE Manipal Chapter, the student chapter of the International Society for Optics and Photonics (SPIE) at Manipal Academy of Higher Education (MAHE) conducted the photography contest "LUMINO.2021" in view of International Day of Photonics 2021 on the themes- "Interaction of light with nature", and "light in the betterment of human life". There were 53 entries from 33 participants	10 October 2021 to 20 October 2021
5	Workshop on Computational Photonics by Alumnus Prerak Dhawan	An online workshop on Computational Photonics was held in three sessions on three different days in March, April and May on 26 March, 2 April and on 1 May. The workshop was conducted by Alumnus Mr Prerak Dhawan	26 March 2021 to 1 May 2021
6	Guest Talk	A talk by Professor Dr Asim Kumar Mallick, one of the most well-known Paediatrician and Neonatologist in the country from Calcutta (Kolkata) was held on 4 February 2021	4 February 2021
7	Alumni Webinar	A webinar on "What Lies After MSc Photonics/Nanoscience?" was held on 9 October 2021 with Alumni members as the resource persons. The speakers were: Dr Pravin Patil, Dr Anumpamaa Rampur, and Mr Pratik Solanki	9 October 2021
8	Alumni Interaction Series - Session 1	Alumni Dr Shraddha Rao from Lund University, Sweden interacted with the MSc students on 25 November 2021	25 November 2021
9	Alumni Webinar	A Webinar on "Nanotechnology for A Greener World" was held on 12 June 2021 with Alumnus Ms Kirti Thakur (University of Monash, Australia) as the speaker.	12 June 2021
10	Alumni Interaction Series-Session 3	Two Alumni from National Chiao Tung University, Taiwan and another alumna from the University of Kaiserslautern, Germany interacted with the MSc students on 20 December 2021. The speakers were Ms Anupama Nair, Mr Sumesh Nair, and Ms Susmitha	20 December 2021

Sl. No.	Activity	Particulars	Date(s)
11	Webinar	A webinar on "GHz-THz Nonlinearity in Semiconductor Superlattice Multipliers" by Professor Mauro F Pereira, Khalifa University of Science and Technology, UAE was held on 23 June 2021	23 June 2021
12	Alumni Interaction Series -Session 2	Two alumni from two different career fields i.e., Research and Industry, interacted with the MSc students on 6 December 2021. The speakers were Dr Surekha B from the University of Nottingham, England and Ms Hemashri Muguli from Varroc Lighting Systems, Pune.	6 December 2021
13	Certificate Course in Nanoscience and Technology	Certificate Course in Nanoscience and Technology was conducted by the department from April to June 2021	1 April 2021 to 30 June 2021
14	Certificate Course in Laser Applications in Biology and Medicine	Certificate Course in Laser Applications in Biology and Medicine was held during the months of March-June 2021.	1 March 2021 to 7 June 2021

#### Details of Publications:

National		International	
Indexed	Non - Indexed	Indexed	Non - Indexed
0	0	55	0

#### Conferences attended by Institution

Faculty		Student	
National	International	National	International
7	1	13	11

#### Details of Research Grants:

Sl. No.	Project Name	Principal Investigator	Funding Agencies	Total Grants Received (INR)	Date(s)
1	Development of a miniaturized and portable laser-induced Breakdown Spectroscopy LIBS set-up for fast identification and sorting of different plastic classes	Dr Unnikrishnan V K, Dr Santhosh Chidangil and Dr E Bhoje Gowd	DST, New Delhi	35,76,423/-	2019 to 2021
2	Establishing a Bio-Photonics Research facility for the development and demonstration of Screening for early detection of Cervical Cancer using Laser Spectroscopy techniques	Dr Santhosh Chidangil and Dr Muralidhar V Pai	VGST	40,00,000/-	2016 to 2021
3	Liquid Biopsy for Oral Cancer Screening using Super-hydrophobic Surface-Enhanced Raman Plasmonic Droplet Assay	Dr Sajan Daniel George, Dr Keerthilatha M Pai and Santhosh Chidangil	DST	30,52,136/-	2019 to 2022

Sl. No.	Project Name	Principal Investigator	Funding Agencies	Total Grants Received (INR)	Date(s)
4	Development of inexpensive surface Plasmon resonance SPR based biosensor for the detection of cardiovascular diseases	Dr Rajeev Kumar Sinha and Dr Tom Devasia	DST	21,52,000/-	2019 to 2022
5	Development of a vortex beam based plasmonic Raman tweezers setup for single, live cell-membrane studies	Dr Aseefhali Bankapur, Dr Santhosh Chidangil	SERB	22,25,000/-	2020 to 2023
6	Portable surface-enhanced Raman spectroscopy set up for the screening of lung cancer by breath analysis	Dr Aseefhali Bankapur, Dr Vyshak U S, Dr Santhosh Chidangil	DST	35,08,533/-	2020 to 2023
7	Femtosecond laser-assisted fabrication of wettable and anti-microbial contact lenses	Dr Sajjan D George, Dr Santhosh Chidangil	SERB	35,57,300/-	2020 to 2023
8	"Fingerprinting authenticity of Ayurvedic preparations using ambient electrospray deposition Raman spectroscopy (AERS), a home-grown method for rapid analysis"	Investigators: Dr T Pradeep, IIT Madras and Santhosh Chidangil Co-Principal Investigator: Dr Basavaraj	DST	22,05,520/-	2021 to 2024



#### Awards/Recognitions:

##### Faculty Members

Sl. No.	Name	Details	Date
1	Dr Santhosh Chidangil	Selected as the India Chair for the BRICS Workshop on Biophotonics-2021 SARATOV, RUSSIA	27 to 29 September 2021

##### Students:

Sl. No.	Name	Details	Date
1	Ms Keerthi K	Best Poster Award in National Laser Symposium at BARC, Mumbai-2021.	12 to 15 February 2021

#### Extra-Curricular Activities:

##### Cultural Activities:

##### Inter Institution:

Sl. No.	Name	Details	Date
1	Mr Vineeth P	Carnatic Vocal Recital at the Gunjan event organised by CCC	8 October 2021



## Department of Design

Address: Department of Design Manipal School of Architecture and Planning Academic Block -2,  
MIT Campus, MAHE, Manipal - 576 104 Udupi District, Karnataka, India.

Phone Number: +91 820 2924118/+91 8202924119

Email-Office: office.design@manipal.edu Coordinator Email: veena.rao@manipal.edu



Name of the Coordinator: **Dr Veena Rao**

Established: **2012**

### Details of Programs offered by the Institution:

#### Design courses

- Bachelor of Design (Interior Design)/BDes (ID)
- Bachelor of Design (Fashion Design)/BDes (FD)
- Master of Arts (Interior Design)/MA (ID)
- Master of Design (Interior Design)/MDes (ID)
- Master of Arts (Fashion Management)/MA (FM)
- Certificate of Fashion Design

#### About Institution/School:


Department of Design (DOD), established in 2012 under the mentorship of the Manipal

School of Architecture and Planning offers Fashion Design and Interior Design that fit the array of design education in India. These new programs offered under UGC regulations are designed to foster design education in India and offer a range of opportunities to design graduates. At our institute, we strive at inducing the concept of sustainability and the use of indigenous materials in designing the interior and fashion products for contemporary use. The design understanding is encouraged through individual projects given to the students to explore the vibrant fashion/interior industry and application of the rich heritage of textiles and crafts of our country in their design projects.

### Institutional Activities/Curricular Activities

All other activities in the department relating to the program/course:

Sl. No.	Activity	Particulars	Date(s)
1	BArch, MArch, MDes (Sustainable Design), BDes (ID), BDes (FD),	Internal Management Review Meeting (MRM ) of Manipal School of Architecture and Planning, MAHE in 2021 MS Teams. Dr Christopher Sudhakar, Quality	21 January

Sl. No.	Activity	Particulars	Date(s)
	CFD, MA(ID), MDes (ID), MA (FM), PhD	Representative, MAHE along with other MRM representatives were present online.	
2	BArch, MArch, MDes (Sustainable Design), BDes (ID), BDes (FD), CFD, MA(ID), MDes (ID), MA (FM), PhD	Internal MRM Meeting of Manipal School of Architecture and Planning, MAHE in MS Teams. Dr Christopher Sudhakar, Quality Representative, MAHE along with other MRM representatives were present online.	6 August 2021
3	Guest lecture-BDes (FD) and MA (FM)	The purpose of the guest lecture is to introduce sustainable concepts through zero-waste design. The speaker, Designer Uma Lakshmi Rachakonda emphasized the need for sustainable approaches in the fashion industry. The fashion industry contributes to approximately 20 per cent of global waste and 10 per cent of global carbon emissions making it the biggest polluter in the world only next to the oil industry (UNEP 2018). The following outcomes are achieved through the guest lecture: 1. Sensitizing students to think of different strategies such as zero-waste fashion, upcycling, design for disassembly etc, would help in moving towards green fashion. 2. Understand the application of zero-waste fashion through designing, planning for garment construction, layout for zero-waste and construction of zero-waste garments. 3. Address the Sustainable Development Goal -SDG12 of sustainable consumption and production.	11 September 2021
	  		
4	Guest lecture-MA (Fashion Management)	The online session on "Forecasting Fashion and Sustainability" by Ms Renuka C Shekhar was very informative. The expert gave a clear picture of the significance of implementing sustainable fashion practices from the consumer and designer levels to save the environment. The influence of sustainable practices on the fashion forecasting process was also briefed, along with identifying the trends and forecasting fashion. This is a national event attended by BDes (FD) and MA (FM) Students. Outcome: The session on "Forecasting Fashion and Sustainability has enabled our students to have a clear idea of the importance of implementing sustainable fashion practices while designing or consuming fashion products and when disposing of them. The guest lecture briefed the fashion forecasting process and general and sustainable fashion forecasting agencies.	6 November 2021
			
5	BArch, MArch, MDes (Sustainable Design), BDes (ID), BDes (FD), CFD, MA(ID), MDes (ID), MA (FM), PhD	DesignUru 3.0 - Students participated and volunteered in the event. DesignUru 3.0 is an exhibition of design works in different areas of design in Bangalore. Students volunteered and presented their academic works in different areas of design. The event was	16 December 2021 to 24 December 2021

Sl. No.	Activity	Particulars	Date(s)
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organized in Bengaluru. Around 27 students participated. Outcomes of the program were: Students were getting exposure to exhibition events. Our students' works were exhibited.


**Details of Guest Visit (lectures, collaboration, visitors on campus)**

**Guest Lectures:**

Sl. No.	Visitor	Name of the Organization	Purpose of Visit	Date of Visit
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1	Mr Bhaskar Tankashala	Manager-Marketing, Shahi Exports Pvt Ltd, Bengaluru	Expert lecture by Mr Bhaskar Tankashala on the topic "Knitwear-Variou fabrics based on structure and weight; constructing knitwear; and fabric finishes" for FD students of even semester 2021, BDes (FD), fourth-semester through online mode. The guest lecture was conducted in order to provide in-depth knowledge about Knitwear and the Knit industry. As a part of academic, students of fourth-semester BDes (FD) has a subject on Knitwear under Fashion Studio IV. This guest lecture helped to understand the complete process of manufacturing knitwear, starting from different types of fabrics, yarns, use of machines for knitwear and garments. The lecture was helpful for students in understanding the importance of knit fabric and how to select fabric for various garments. Guest faculty had shown various videos demonstrating the manufacturing of knit fabric and garments in the industry using different kinds of machines. Apart from Knitwear manufacturing, tech-packs and specification sheet had been explained. A complete process from design development to bulk manufacturing was displayed using videos and a PowerPoint slides presentation. Various fabric ornamentation for knitwear like Printing, Embroidery, Applique work, Vintage wash effect, Chain stitch effect, Puffy form embroidery, Gel Printing, Foil, Embossed Printing, Rhinestone Transfer Printing, Burn out printing, 3D heat transfer Printing, High-Density printing etc., was also covered during this session in order to motivate the students. Apart from manufacturing to surface ornamentation, the finishing of the garment was also covered in this session.	13 February 2021
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Sl. No.	Visitor	Name of the Organization	Purpose of Visit	Date of Visit
			Different finishing for different kinds of fabric was demonstrated using videos. Finally, there was a question and answer session where students were given time to ask their doubts and questions related to Knit garments to the expert faculty. The two subject faculties and 26 students participated in the same. Outcomes of the program were Students were able to understand the importance of the subject and were able to source the fabric as per their design requirements.	
2	Ms Wendy Yothers	Assistant Professor, Jewellery Design, Fashion Institute of Technology, New York 	Expert Lecture by Ms Wendy Yothers on the topic "From Inspiration to Wearable Art. Using our passion, our cultural heritage, and the spirit of our times to create expressive, wearable art" for BDes (FD), fourth-semester/BDes (ID), fourth-semester (For the students who have opted for elective Fashion Accessories) through online mode. The online session on "From Inspiration to Wearable Art. Using our passion, our cultural heritage, and the spirit of our times to create expressive, wearable art" by Ms Professor Wendy Yothers was very informative. The valuable inputs on the design process from concept to design and product development have helped give a clear idea of the design development process and how to integrate novelty and creativity in designs. Outcomes of the program were online sessions which have enabled our students to have a clear idea of the design process from developing the design from concept to wearable art. Nine faculties and 38 students participated.	28 February 2021
3	Mr Arjun Vasudev	Guest Faculty, NIFT Kannur, Fashion stylist at Fashion and Lifestyle Magazine	Guest Lecture by Expert Mr Arjun Vasudev on the topic: "Introduction to Fashion Styling and Photography-Fashion Visage" for BDes (FD), fourth-semester and MA (FM), second-semester students through online mode. Guest Lecture on "Introduction to Fashion Styling and Photography and Fashion Visage" by Ms Arjun Vasudev was organized through MS Teams, the topic was based on the units in Fashion Styling and Photography course for the BDes (FD) fourth-semester batches. The	6 March 2021

Sl. No.	Visitor	Name of the Organization	Purpose of Visit	Date of Visit
			topic covered the required learning and course outcomes mentioned in the course curriculum as per the plan. However, the lecture was very much helpful for any fashion enthusiast from any department. One faculty and 30 students participated. Outcomes of the program: The lecture was planned in such a way that it covered all the topics under the particular given Units. Learning outcomes (LO's), Course outcomes (CO's) and the Program Outcomes (PO's) were achieved as per the curriculum. Exposure to various reference pictures, video links and reference materials was very apt. The lecture was eye-opening and was delivered efficiently.	
4	Dr Neeru Jain	HOD and Associate Professor, Department of Jewellery Designing, IIS (Deemed to be University), Jaipur 	Guest Lecture by Expert Dr Neeru Jain, HOD and Associate Professor, Department of Jewellery Designing, IIS (Deemed to be University), Jaipur on the topic: "Jewellery making by beading art" for BDes (FD), fourth-semester students through online mode. Lecture on Beading Art- the basics and fines of jewellery making and beading art, tools and the usage of tools and a small online demonstration on a beading art. Two faculties and 25 students participated. Outcomes of the program were at the end of the lecture and demo, the students were able to create, appreciate and critique this art form, in terms of content, material and skill. Further, the students were also able to use this skill in order to do the work when needed.	27 March 2021
5	Harini Theranikal	Director – Fountane 3D Virtual, Hyderabad	Guest Lecture on CAD: The future of Fashion by Harini Theranikal, Hyderabad. (Online). Guest Lecture on "CAD – The Future of Fashion" was held on 10 April 2021 by Harini Theranikal for BDes (FD) Students. Ms Harini Theranikal, currently Director at Fountane 3D virtual, Hyderabad, is an alumna of the Department of Design, MSAP. She spoke about various 3D design software, its importance in the industry and introduced participants to CLO 3D. During the session, she mentioned 3D design software for	10 April 2021

Sl. No.	Visitor	Name of the Organization	Purpose of Visit	Date of Visit
			<p>fashion and its application to make fashion proto development. One can get a realistic rendering of the garment and can test the same design with different fabrics and vice versa. Changing the colour palette and prints have also been made easier. Talking about CLO 3D in particular, it helps to create cutting edge garment visualization that cultivates a more creative and sustainable landscape for apparel industries. Three faculties and 37 students participated in the same. Outcomes of the program were: Guest Lecture on “CAD – The Future of Fashion” taught the students the importance of technology in this fast-growing world where sustainability is a matter of utmost concern. CAD is a creative technology that can help the fashion industry in reducing the wastage of raw materials, money and time. It is certainly the future of fashion. The students were very much interested during the session and appreciated the effort. It was an excellent experience. Seeing a familiar face sharing her knowledge of new software and concepts was refreshing, exciting and informative. It was definitely a lecture worth attending that not only helped to learn about new software but will also help the participants to sharpen their creative skills by using them.</p>	
6	Divya Mehta	Senior Assistant Professor at IIIM Management Institute, Jaipur.	<p>Guest Lecture on “My First Running Start towards My Dream” by Divya Mehta (Online). Outcomes of the program were: The students were enriched towards planning to start up their own enterprises. It was a discussion wherein the students were made to identify their own potential as an entrepreneur and the strategies to go for a new start-up. One faculty and 15 students participated.</p>	24 April 2021
7	Ms Krishna Sathish	Fashion Consultant, Diesel Fashion India, Reliance Pvt Limited, Bengaluru.	<p>Guest Lecture by Expert Ms Krishna Sathish, Fashion Consultant, Diesel Fashion India, Reliance Pvt Limited, Bengaluru on the topic: “Womenswear and Menswear – Product Categories, Product Lines, Merchandising Plan, Client Styling and Fit” for BDes (FD), fourth-semester and MA</p>	24 April 2021

Sl. No.	Visitor	Name of the Organization	Purpose of Visit	Date of Visit
8	Ar Sumedha Sah	Practising Architect and self-taught Illustrator from Bengaluru	<p>(FM), second-semester students through online mode. This guest lecture was aimed at discussing product basics such as product types, planning merchandise and styling a core or fashion product for the benefit of MA (FM) students who had the course on Product Study and Design Womenswear and second-year BDes (FD) students who were working on a knitwear range. Three faculties and 22 students participated.</p> <p>Ar Sumedha Sah gave a lecture on the topic "Masters in Sustainable Architecture and her experiences in various projects" for BArch and fourth-year and fifth-year and BDes (ID) students in online mode. This session was held for the benefit of students of all programs at MSAP-BArch, BDes (ID) and (FD), MDes (ID), MDes (SD), and MA (FM). It was intended to enable students to make informed choices in higher education and professional practice. The guest speaker Ms Sumedha Sah, kickstarted the session by sharing her experiences as a student and the myriad experiences in the field. Thereafter the faculty members spoke about varied Masters programs, application processes, scholarships to look out for, and entrance tests which have to be done to study abroad. The session was coordinated by the Training and Placement Cell, MSAP. Outcomes of the program were: The guest speaker elaborated on how professional practice after undergraduate studies would enable one to decide on the Masters programs that could be taken up. She also shared one of the projects recently completed, "the Redevelopment of Railway Museum, Mysore". The students in the session interacted with the speaker and the faculty members with their queries about higher education, research and professional pursuits.</p>	14 August 2021
9	Ms Lakshmi Uma Rachakonda	Ethical Fashion Designer	Lecture by Ms Lakshmi Uma Rachakonda on the topic "Sustainable Fashion with emphasis on zero-waste design" for all batches of BDes (FD) and MA (FM) students scheduled on Saturday 11 September 2021	11 September 2021


Sl. No.	Visitor	Name of the Organization	Purpose of Visit	Date of Visit
			 <p>held online through MS Teams to all batches of BDes (FD) and MA (FM). The purpose of the guest lecture is to introduce sustainable concepts through zero-waste design. The speaker, Designer Uma Lakshmi Rachakonda emphasized the need for sustainable approaches in the Fashion industry. The fashion industry contributes to approximately 20 per cent of global waste and 10 per cent of global carbon emissions making it the biggest polluter in the world only next to the oil industry (UNEP 2018). Fast fashion, which rose to prominence at the turn of the 21st century had added to the industry's enormous greenhouse gas emissions and devastating environmental impact. We must move towards strategies that would aid in reducing the negative impact of the fashion industry. The speaker shared her collection based on the zero-waste fashion which was showcased at the West Valley annual fashion show in 2019. Six faculties and 55 students participated. The following outcomes are achieved through the guest lecture: Sensitizing students to think of different strategies such as zero-waste fashion, upcycling, design for disassembly etc that would help in moving towards green fashion. Understand the application of zero-waste fashion through designing, planning for garment construction, layout for zero-waste and construction of zero-waste garments. Address the SDG12 of sustainable consumption and production.</p>	
10	Mr Peter Alfonso	Interior Designer from Goa.	Ms Lipika Pindi Balaji and Mr Peter Alfonso	16 September
11	Ms Lipika Pindi Balaji	Fashion Designer and 3D Digital Fashion Designer	gave an expert lecture regarding portfolio preparation and applying for internships for 2021 third-year BDes (FD) and BDes (ID) and are open to other students in online mode. This guest lecture was aimed to benefit the third-year students of BDes (ID) and (FD) who would be undergoing internship in the upcoming semester, to prepare a design portfolio effectively. Four faculties and 60 students participated. Outcomes of the program were: Areas covered in the session were layout, fonts, and content but more	



Sl. No.	Visitor	Name of the Organization	Purpose of Visit	Date of Visit
			significantly the unique theme of each individual's portfolio. One expert spoke with examples from the Interior Design industry, while the other spoke with examples from the Fashion industry and explained that the content should represent the skill set. The expert is an alumnus of the Department of Design. The session was encouraging and informative. Around 8-10 students interacted with the experts through Q & A.	
12	Mr Gowtham Nandakumar	Assistant Professor, R V College of Architecture, Bengaluru	Expert lecture by Mr Gowtham Nandakumar was given on the topic Developing an Interior Design Thesis with research component for third-semester MDes (ID) students in online mode. Ar Gowtham briefed and explained the process, importance and application of research in interiors, and translation of the same into the thesis. Five faculties and 55 students participated.	25 September 2021
13	Ms Meghashree Alampally	Freelance Architect, Bengaluru	Expert lecture by Ms Meghashree Alampally on the topic "An approach to Interior Design Services through Case Studies" for third-semester MDes (ID) and third-semester BDes (ID) students in online mode. Following building services, aspects were discussed in the lecture based on a residential project in Manipal designed by the guest, Ar Meghashree Alampally: Plumbing (Water supply, Distribution and Sanitation), Electrical (Layout and fixtures), and HVAC system. Two faculties and 54 students participated. Outcomes of the program were: Expert lecture was a good opportunity for students to interact with distinguished resource person from the industry. The lecture helped the students of various semesters and programs to enhance their knowledge of building services concepts.	29 September 2021
14	Ar Shivram Somasundaram	Practising Landscape Architect	Ar Shivram Somasundaram gave an expert lecture on the topic "Design Consideration in Interior Landscaping" for fifth-semester BDes (ID) students in online mode. The various aspects of Landscape design, its importance in interior spaces and the current trends in the field were explained by	4 October 2021

Sl. No.	Visitor	Name of the Organization	Purpose of Visit	Date of Visit
15	Mr Sayal Elias	Head – Design Voi Jeans, Bengaluru	<p>Ar Shivram. Outcomes of the program were: The students were able to understand the different characteristics of plants, their suitability indoors, and the diverse techniques that are applied in interior landscape designs. Four faculties and 46 students participated.</p> <p>Expert Lecture by Mr Sayal Elias was given on the topic “Design Thinking From Concept to Product” for MA (FM) first-year and BDes (FD) fourth-year students. This guest lecture was aimed at describing “Design Thinking” and “Design Process”, and how the former leads to the latter in product development across design verticals. Outcomes of the program were: The expert elaborated on the what, why and how of design thinking with examples. The stages of the design process were also explained, with emphasis on understanding the user perspective and requirements before moving on to conceptualization, and design development. The use and positive impact of these design practices in the industry were shown with appropriate examples. One faculty and 64 students participated.</p>	9 October 2021
16	Dr Iyer Vijayalaxmi Kasinath	Professor, Department of Architecture, School of Planning and Architecture, Vijayawada	<p>Dr Iyer Vijayalaxmi Kasinath gave an expert 23 lecture on the topic of “Technical Writing in Architecture” for seventh-semester BDes (ID) 2021 and third-semester MDes (ID) students in online mode. A template to write a manuscript for publication was taught. The dos and don’ts for submission to publication were discussed. Five faculties and 52 students participated. Outcomes of the program were: Students will be able to follow the technical writing template discussed to write their papers for publication papers.</p>	October 2021
17	Mr Aniket Patil	Founder–Kvanh Clothing, Dombivli, Mumbai	<p>Expert Guest Lecture was given by Mr Aniket Patil was given on the topic “Couture Designing” to BDes (FD) third, fifth and seventh-semester students and faculties through online mode using MS Teams. He is a Founder of Kvanh Clothing, Mumbai and a Guest faculty at NIFT Mumbai. He shared his experience and addressed</p>	23 October 2021

Sl. No.	Visitor	Name of the Organization	Purpose of Visit	Date of Visit
18	Dr Sumita Rege	Associate Professor, Department of Occupational Therapy, MCHP, MAHE	<p>students about the importance of the design process and couture design techniques to be considered during garment construction. Outcomes of the program were: The lecture helped the students to understand the professional journey of the speaker. He motivated the students to be good observers and also to give importance to Design Process, Ethical and Sustainable Fashion. Students were very happy to listen to the resource person and his professional knowledge. Two faculties and 50 students participated.</p> <p>Guest lecture on "Ethnography" by Resource person: Dr Sumita Rege to BDes (ID) students. Ethnography is a type of qualitative research method of observation to gather non-numerical data. This type of research "refers to the meanings, concepts, definitions, characteristics, metaphors, symbols, and description of things" and not to their "counts or measures". In this method, the researchers observe and/or interact with a study's participants in their real-life environment. The aim of an ethnographic study within a usability project is to get "under the skin" of a design problem (and all its associated issues). Ethnographic methods are a research approach where you look at people in their cultural setting, with the goal of producing a narrative account of that particular culture, against a theoretical backdrop. How they interact with one another, and with their social and cultural environment. Three faculties and 26 students participated. The outcomes of the program were: The student will be able to define the goals and objectives of ethnography, discuss the methods and ethics of an ethnographic study, and conduct a basic cultural study using ethnographic methods, objectives, and frames of analysis.</p>	27 October 2021
19	Renuka C Shekhar	Fashion Designer, Business Coach and International trainer	The session was given by Renuka C Shekhar on the topic "Forecasting Fashion and Sustainability" to our first-semester MA (FM) students on Saturday 6 November 2021 through Microsoft Teams. The online	6 November 2021

Sl. No.	Visitor	Name of the Organization	Purpose of Visit	Date of Visit
			 <p>session was very informative. The expert gave a clear picture of the significance of implementing sustainable fashion practices from the consumer and designer levels to save the environment. The influence of sustainable practices on the fashion forecasting process was also briefed, along with identifying the trends and forecasting fashion. Outcomes of the program were: "Forecasting Fashion and Sustainability" has enabled our students to have a clear idea of the importance of implementing sustainable fashion practices while designing or consuming fashion products and when disposing of them. The guest lecture briefed the fashion forecasting process and general and sustainable fashion forecasting agencies.</p>	
20	Ms Pooja Shanbhag	Grants Coordinator, MAHE	<p>The online guest lecture was conducted by Ms Pooja Shanbhag, Grants Coordinator, MAHE on the topic "Grants Awareness Session". This lecture was for the benefit of our faculty members regarding Grant proposals and their management. The Grants Awareness Session was started with a Welcome address by Professor Dr Nandineni Rama Devi, Director, MSAP, and Professor Dr Pradeep Kini, Associate Director, R&amp;C, MSAP, briefed on the Scope of the session. and the subject expert was introduced by Dr Resmi G, Assistant Professor-Senior Scale, MSAP The following topics were covered by Ms Pooja Shanbhag, Grants Coordinator, Directorate of Research, MAHE. The question-and-answer slot helped the faculties clarify their doubts regarding the grants and notes of thanks delivered by Dr Resmi G. Outcomes of the program were: The session facilitated the faculties to clarify the process to be followed while applying for grants and the pre and post grants management activities. The session also gave the faculties of MSAP to clarify their doubts about applying for grants and the importance of updating the grants application status in the RMS portal.</p>	13 November 2021

**Details of Publications:**

National		International	
Indexed	Non - Indexed	Indexed	Non - Indexed
1	0	0	0

**Conferences attended by Institution faculty and students:**

Faculty		Student	
National	International	National	International
2	0	0	0


**Details of Conferences/Workshops conducted by the Institution:**

Particulars	National	International
Seminar	1	0
Conference	0	0
CME/CDE	0	0
Workshop	4	0
Other	14	0

**Awards/Recognitions:**

**Institution (including "The Best Teacher Award" for the year)**

Sl. No.	Name	Details	Date
<b>Department of Design</b>			
1	India Today – MDRA Best Colleges Ranking – 2021 – Fashion Design	India Today-MDRA Best Colleges Ranking – 2021 (FASHION DESIGN)-Awarded 21st Rank in the Fashion Design Category.	1 July 2021
2	The Outlook-ICARE India's Best Colleges Rankings 2021 - "India's Best Colleges"	The Outlook-ICARE India's Best Colleges Rankings 2021 - "India's Best Colleges" -Fashion Design-8 Rank	2 August 2021
3	"BEST COLLEGES IN INDIA THE WEEK-HANSA RESEARCH SURVEY 2021"	"BEST COLLEGES IN INDIA THE WEEK-HANSA RESEARCH SURVEY 2021"- Awarded 6 <sup>th</sup> Rank in Private Fashion Technology Colleges All India-Department of Design, MSAP, Manipal	15 Aug 2021


Sl. No.	Name	Details	Date
1	Resmi G 	Conducted online session on the Guest lecture on "Medical Textiles" for first-year PG students of the Department of Textiles and Clothing organised by Avinashilingam Institute for Home Science and Higher Education, Coimbatore, Tamil Nadu	31 May 2021
2	Kiran Elezabeth Joseph	Team Lead for "Dental Trimming Enclosure-Student" being selected as the winner of the ideation competition organised by The Innovation Council of Manipal College of Dental Sciences, Manipal	26 June 2021
3	Nagaveni N Nayak	Judged "Spoorti 2021–The Inner voice"-online competition judge for the event titled "Best from Waste" Indira Shiva Rao Polytechnic, Udupi	1 July 2021

Sl. No.	Name	Details	Date
4	Haritha M K	Mentorship in ISOLA EB (Indian Society of Landscape Architects Education Board) Research Symposium 2021 Indian Society of Landscape Architects	26 November 2021
5	Rohit Kumar	Grand Challenge-2021-Team Gnathodynamometer-Received First Place organized by Manipal GOK Bioincubator in association with its Student Entrepreneurship Cell.	31 December 2021

### Students

Sl. No.	Name	Details	Date
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#### Department of Design


1	Ankita Shenai 	BDes (ID), a third-year, sixth-semester student, participated in the "E-Poster making competition under Nasha Mukt Udupi Abhiyan" organized by the Department of Student Affairs, MAHE. It was an Inter-College competition under MAHE. No prize was bagged by the participant.	26 June 2021
2	Ankita Pal	BDes (ID), a second-year, fourth-semester student participated in "Poster creativity under Spark Quest 2.0 organized by Techno India Hooghly" held outside the university. It was an inter-college competition. She received the certificate of participation.	28 June 2021
3	Gayathri E	BDes (FD), a third-year, sixth-semester student participated in "Parakrama: Poetry Competition" (English) organized by MSAP. The total number of participants was 38 within the college. She won second place in the competition.	5 July 2021
4	Misa M T	BDes (ID), a second-year, fourth-semester student secured third place in "Parakrama: Poetry Competition" (English) which was organized by MSAP. Around 38 students participated in the competition within the college.	5 July 2021
5	Ayisha Saniya	BDes (ID), a third-year, sixth-semester student secured third place in the "Poster making competition" organized on the occasion of "National Cyber Security Awareness Month-October 2021".	23 October 2021
6	Hari Keerthana	BDes (ID), a third-year, sixth-semester student secured second place in the "Poster making competition" which was organized on the occasion of "National Cyber Security Awareness Month-October 2021".	23 October 2021

#### Extra-Curricular Activities:


##### Cultural Activities:

##### In Institution:

Sl. No.	Event	Details	Date(s)
1	Parakrama: Poetry competition	Celebration of 125th birth anniversary of Subhash Chandra Bose through online mode. Category: Hindi (SubhashkiNeev) and English (A Vision of Revolution) for students of the institution. Around 38 students participated in the competition.	5 July 2021
2	Independence Day Events	Competitions: Tricolour food making. Transition reel Digital Art through online mode.	19 August 2021

Sl. No.	Event	Details	Date(s)
3	Awareness against single-use plastic – Quiz Competition	Theme-Awareness against single-use plastics through online mode via MS forms. Around 97 students participated in the competition.	23 October 2021
			
4	Observance of Vigilance Awareness Week 2021	<p>Event 1 – Faculty members were requested to take the online pledge. Around 60 faculty members had taken the pledge in the previous years and the remaining 10 faculty (newly joined) took the pledge this year.</p> <p>Event 2 – Mails were sent to all students to take the online pledge and 49 students have submitted the online pledge e-certificate to the institute.</p> <p>Event 3 – For master's degree classes, the online live pledge was administered by the respective faculty members and around 35 students.</p> <p>Event 4 – Posters sent from UGC were displayed on the institute notice boards. All faculty members and students were requested to encourage their family members to take the online pledge. The outcome of the program was: An awareness was created among the students and faculty members that corruption has been one of the major obstacles to the economic, political, and social progress of our country and we have to work together to eradicate corruption.</p>	26 October 2021

#### Inter Institution:

Sl. No.	Event	Details	Date(s)
1	TMA Pai E-poster Competition	Bagged second prize in the competition, organized by MAHE.	30 April 2021
2	E-poster making competition	E-Poster making competition under Nasha Mukt Udupi Abhiyan organized by: Department of Students Affairs, MAHE, through online mode.	26 June 2021
			

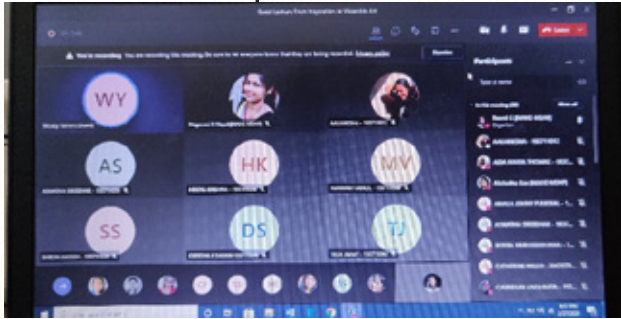
#### Outside University

Sl. No.	Event	Details	Date(s)
1	Rotary Young Leadership Award	Held for students through online mode	5 June 2021

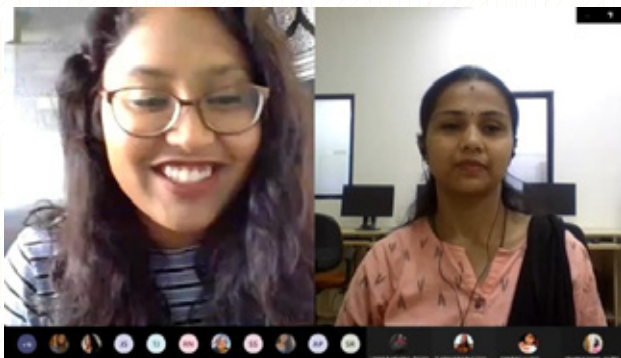
2 Designuru Exhibition  
Bengaluru

Around 27 students participated 15 December 2021  
in offline mode.

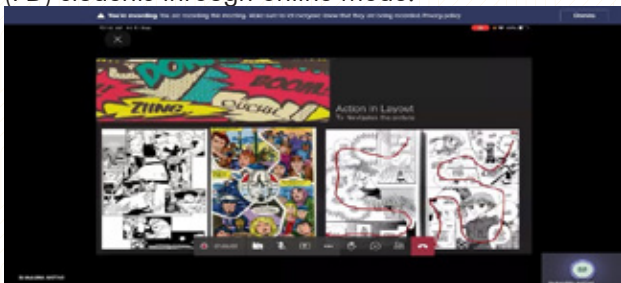
**Photo Archive of Important events**



Expert Lecture was given by Ms Wendy Y others on the topic "From Inspiration to Wearable Art. Using our passion, our cultural heritage, and the spirit of our times to create expressive, wearable art" for BDes (FD), fourth-semester/BDes (ID), fourth-semester (for the students who have opted elective Fashion Accessories) through online mode on 28 February 2021.



Guest Lecture on "CAD - The Future of Fashion" was held on 10 April 2021 by Harini Theranikal for BDes (FD) students through online mode.



Online Workshop by Mr Bhimappa Pattar on Graphic Novel was held for our first-year students BArch, BDes (ID) and BDes (FD) online through MS Teams on 17 September 2021.



"World Green Building Week 2021" was an event of celebration on behalf of IGBC Student Chapters, through online sharing of promise campaigns, activities and sapling plantation by staff and students of MSAP and DOD, organized from 20 to 24 September 2021.



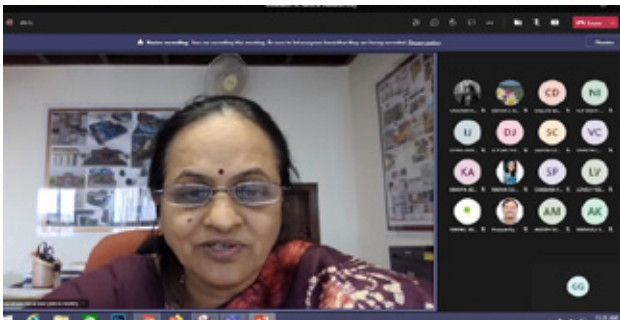
VSO Daan Utsav 2021 was organized by the VSO-MSAP Team for a theme titled "Health and Our Environment" between 30 September and 6 October 2021.



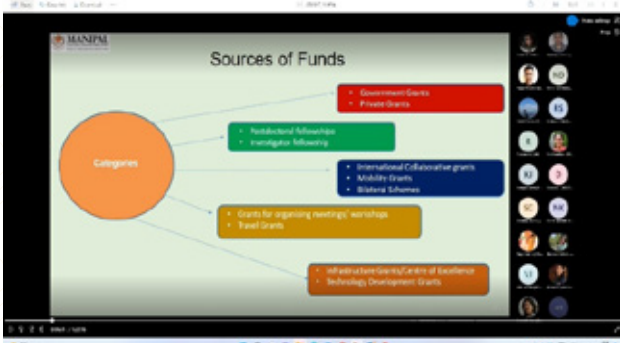




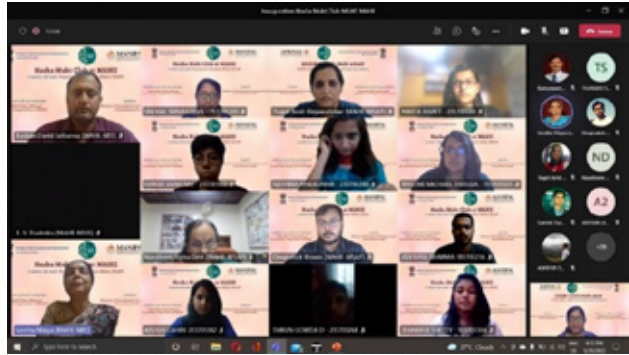
Mr Mohan Kumar E conducted an Online Workshop on Calligraphy Writing for first-year students (BArch, BDes (ID) and BDes (FD) on 9 October 2021.



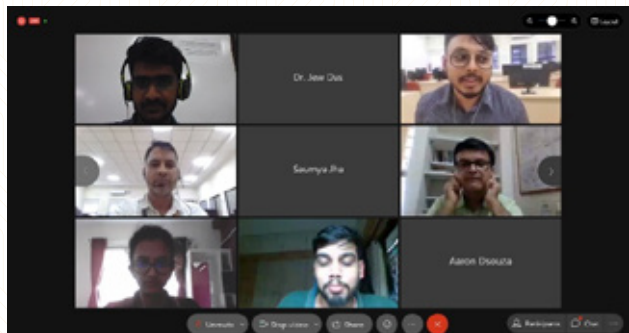
"National Education Day" is an event of celebration which was organized by students and faculty of MSAP, through an online seminar on 11 November 2021.



Online Guest Lecture on "Grants Awareness Session" by Ms Pooja Shanbhag, Grants Coordinator, MAHE for the benefit of our faculty members regarding Grant proposals and their management on 13 November 2021.



Nasha Mukt Club was inaugurated in the MSAP constituency of MAHE in the presence of Dr Geetha Maiya, who is the Director of Student Affairs, MAHE, Manipal and also the Principal Investigator for the Nasha Mukt Udupi Abhiyan.



Three-Day Online Training was held on "Vulnerability Assessment and Resilience Development for Human Habitats" from 27 to 29 September 2021 organized by the National Institute of Disaster Management and Manipal School of Architecture and Planning, MAHE, Karnataka.

## Manipal Centre for Business Practice

Address: Bengaluru Address: Manipal Centre for Business Practice (MCPB) MAHE Bangalore Campus, Govindapura, Yelahanka, Bengaluru, Karnataka – 560064

Manipal Address: Manipal Centre for Business Practice (MCPB)

Manipal Academy of Higher Education (MAHE),

Tiger Circle Road, Madhav Nagar, Manipal, Karnataka – 576104

Phone Number: +91 8123803339

Email-Office: [mcbp.office@manipal.edu](mailto:mcbp.office@manipal.edu) Director Email: [n.ravi@manipal.edu](mailto:n.ravi@manipal.edu)



Name of the Director: **Dr N Ravichandran**

Established: **2020**

### Details of Programs offered by the Institution:

- Integrated Programme in Management (IPM)
- Bachelor of Science in Data Sciences
- One Year Postgraduate Program in Analytical Consulting
- One Year Postgraduate Program in General Management
- Executive Education programs list - Art and Craft of Decision Making, Design Thinking, Supply Chain Management, Logistics Management and so on.

### About Institution/School:

Manipal Centre for Business Practice (MCPB), an academic unit of Manipal Academy of Higher Education (MAHE), Manipal is focused on executive education, applied research including case research, problem-solving consulting and educational institutional building activities. It is affiliated with MAHE, an Institute of Eminence. MCPB aims to provide high quality, high impact executive education to professional managers working in a range of organizations (profit, non-profit, social enterprises, medium and small-scale industries, and government departments—state and central). MCPB executive education

portfolio includes courses in functional marketing, finance, operations, supply chain, and strategy and domain areas (e.g., healthcare, education, infrastructure, transportation, retail, banking, and insurance). These programs are uniquely designed to meet the requirements of young managers, middle-level functional managers and members of the senior management team. The duration of the programs can be from 10 hours to 100 hours. To suit the convenience of the participants, the programs are delivered in blended mode. The interconnected activities which help MCBP to deliver high-quality courses included but are not limited to (a) To conduct applied research on management challenges relevant to the Indian community/society/context. (b) To undertake

problem solving consulting opportunities both in private and public sector organizations in India and neighbouring countries (c) To help academic/training institutions focused on management education to strengthen their quality and help them to realize their potential. MCBP strategy is to leverage the three inter-connected activities like applied knowledge creation, application of this knowledge and propagation of the same to influence practice to deliver high-quality executive education at an appropriate price. The faculty resources at MCBP consist of a distinguished group of senior academicians, practitioners, and industry experts. MCBP is complementing the faculty resources with a set of the internal faculty team.

### Institutional Activities/Curricular Activities

#### New Initiatives:

Sl. No.	Activity	Particulars	Date(s)
1	Bachelor of Arts (Data Sciences)	This three-year undergraduate course prepares the students who have passed out of school (10 + 2) to develop skills and abilities in the area of analytics with a strong focus and preparation based on Social Sciences, Humanities, and Liberal Arts. The course focus is on employable skills in the area of analytics at the entry level. At the end of the course, the participants should be able to secure entry-level analytical jobs in any industry. The course also focuses on the overall personality development, soft skills, and awareness related to the social context in which we live.	6 September 2021
2	One Year Postgraduate Program in Analytical Consulting	This course will prepare students to be employed as consultants in the area of Analytics in the public sector, private sector, for-profit, not-for-profit, NGOs and other trust-based organizations. The participants will have an opportunity to work with a real-life problem with a real company with real data. The participants play the role of a consultant in the context of the company and use the skills they have learnt to provide advice to the company. The linkage between the industry and academic learning is an important feature of the course.	6 September 2021
3	One Year Postgraduate Program in General Management	This course will prepare students to be employed as consultants in the area of managing the business in the public sector, private sector, for-profit, not-for-profit, NGOs and other trust-based organizations. The participants will have an opportunity to work with a real-life problem with a real company with real data. The participants play the role of a consultant in the context of the company and use the skills they have learnt in trying to provide advice to the	6 September 2021

Sl. No.	Activity	Particulars	Date(s)
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company. The linkage between the industry and academic learning is an important feature of the course.

### Details of Guest Visit (lectures, collaboration, visitors on campus)

#### Guest Lectures:

Sl. No.	Visitor	Name of the Organization	Purpose of Visit	Date of Visit
1	Arun Rishi	Founder - The Aayushyamaan Bhav Trust and Research Centre, Ujjain	Online guest talk on "Art of Clapping" for Integrated Program in Management (IPM) Immersion Edition 2021	24 September 2021
2	Meera Ravishankar	Soft Skills and Language trainer	Online guest talk on "Reading Reflections" for IPM Immersion Edition 2021	24 September 2021
3	K M Padmanabhan	Chartered Accountant	Online guest talk on "Igniting enthusiasm (FISH)" for IPM Immersion Edition 2021	25 September 2021
4	Satish Deodhar	Professor at IIM Ahmedabad	Online guest talk on "Economics" for IPM Immersion Edition 2021	27 September 2021
5	Sapna Padmanabhan	Freelance Facilitator, Leadership Consultant	Online guest talk on "Assertiveness Skills" for IPM Immersion Edition 2021	27 September 2021
6	Kanishk Dhupad	Advertising photographer and cinematographer	Online guest talk on "Pivoting is always plan A': my journey from a Commercial photographer to Entrepreneur" IPM Immersion Edition 2021	28 September 2021
7	Prasad Cherkady	Freelance actor, filmmaker, Yakshagana dancer, choreographer, and singer	Online guest talk on "Yakshagana" for IPM Immersion Edition 2021	29 September 2021
8	Maya Sadhasivan	Soft Skills Facilitator	Online guest talk on "Attitude Defines Success: What's Yours?" for IPM Immersion Edition 2021	29 September 2021
9	Shajan Samuel	Chief Revenue Officer at Safalta-Edtech Brand of Amar Ujjala	Online guest talk on "Run for your life!" for IPM Immersion Edition 2021	30 September 2021
10	Subramaniam Ramkumar	Visiting Professor at IIM Ahmedabad and ISB	Online guest talk on "Marketing" for IPM Immersion Edition 2021	30 Sep 2021
11	Rajeeva Khrendekar	Indian Mathematical Statistician	Online guest talk on "Statistics" for IPM Immersion Edition 2021	1 October 2021
12	Daulat Singh Chauhan	Pro Chancellor and Managing Director of ITM University, Gwalior	Online guest talk on "Gandhian thoughts" for IPM Immersion Edition 2021	4 October 2021
13	Dr Venkatesh Upanyasams	Chief Medical Officer	Online guest talk on "Wonders of the Human Body" for IPM Immersion Edition 2021	4 October 2021

Sl. No.	Visitor	Name of the Organization	Purpose of Visit	Date of Visit
14	Annaswamy Vaidheesh	Mentor and Coach	Online guest talk on "What is Management?" for IPM Immersion Edition 2021	5 October 2021
15	Sowmya Srinivasan	Chief Storyteller at SoulSpace Storytell	Online guest talk on "Storytelling: Past, Present and Future" for IPM Immersion Edition 2021	5 October 2021
16	Biswanath Swain	Associate Professor at IIM Indore	Online guest talk on "Ethics" for IPM Immersion Edition 2021	6 October 2021
17	Arpita Shedbalkar	Visiting Faculty for Foreign Language (German)	Online guest talk on "Art Appreciation" for IPM Immersion Edition 2021	7 October 2021
18	Aarathie Ramaswamy	Chess Women Grandmaster, National Women Chess Champion 2003	Online guest talk on "Chess" for IPM Immersion Edition 2021	7 October 2021
19	Bharath Kishore	Dancer, Choreographer, and Instructor	Online guest talk on "Introduction to Salsa" for Integrated Program in Management (IPM) Immersion Edition 2021	8 October 2021
20	G Rajkumar	HR Advisor, Performance Consultant, Executive Coach, Leadership Trainer, Change Agent, Design Expert, Motivational Speaker, Start-up Mentor, Author	Online guest talk on "An Introduction to HR" for Integrated Program in Management (IPM) Immersion Edition 2021	9 October 2021
21	Madhavan Mukund	Distinguished Professor, Deputy Director, and Dean of Studies at Chennai Mathematical Institute	Online guest talk on "Computer Science" for Integrated Program in Management (IPM) Immersion Edition 2021	9 October 2021
22	Sharat Chandra	Entrepreneur - Butterfly Fields	Online guest talk on "Entrepreneurship" for Integrated Program in Management (IPM) Immersion Edition 2021	11 October 2021
23	Ashok Kumar Mohan	Assistant Professor, TIFAC-CORE in Cyber Security	Online guest talk on "Ethical Hacking" for Integrated Program in Management (IPM) Immersion Edition 2021	11 October 2021
24	Ashok Korwar	Strategist, Speaker, Author, Finance Specialist, Design Thinking Proponent	Online guest talk on "Design Thinking" for Integrated Program in Management (IPM) Immersion Edition 2021	12 October 2021
25	Nazarius Manoharan	Consultant to Ad companies and corporates, Life/Executive coach and trainer for corporates and individuals	Online guest talk on "Happiness Quotient" for Integrated Program in Management (IPM) Immersion Edition 2021	12 October 2021

Sl. No.	Visitor	Name of the Organization	Purpose of Visit	Date of Visit
26	Jayaprakash Narayan	Politician and Columnist	Online guest talk on "Dynamics of Indian Politics" for Integrated Program in Management (IPM) Immersion Edition 2021	13 October 2021
27	Jagathjivanram Thulasiram	Corporate Trainer and Counsellor	Online guest talk on "Public Speaking" for Integrated Program in Management (IPM) Immersion Edition 2021	13 October 2021
28	Viral Nagori	Assistant Professor – Digital Platform and Technology at MICA	Online guest talk on "Digitization, Digitalization and Digital Transformation" for Integrated Program in Management (IPM) Immersion Edition 2021	15 October 2021
29	Shailaja Grover	Professor at IIM Bangalore	Online guest talk on "Analytics" for Integrated Program in Management (IPM) Immersion Edition 2021	15 October 2021
30	Pratap Sundar	Academic Director (MIGM, PLIIM) Adjunct Professor of Operations Management ISB, Mohali	Online guest talk on "Spiritual Leadership with a focus on Ramana Maharshi" for Integrated Program in Management (IPM) Immersion Edition 2021	15 October 2021
31	Hitesh V Bhatt	Professor, General Management	Online guest talk on "Understanding Rurality" for Integrated Program in Management (IPM) Immersion Edition 2021	16 October 2021
32	Komal Jenifer D'Souza	Visiting Faculty, Department of Commerce at MAHE	Online guest talk on "Chasing your dreams and living your passion both at the same time- Anchoring, Vlogging and beyond" for Integrated Program in Management (IPM) Immersion Edition 2021	16 October 2021



#### Extra-Curricular Activities:

#### Sports Activities:

#### Within University:

Event Name	Details	Date
Chess Tournament	MCBP organized a Chess tournament in association with the Grand masters of Smart Queen Chess Academy. In this event almost 20 students of IPM program were participated.	4 October 2021 to 30 December 2021



**Outside University:**

Event Name	Details	Date
Karate National championship	Karate National championship at Amritsar Won Two Silver Medals	8 January 2021 to 15 January 2021

**Cultural Activities:****Inter Institution:**

Event Name	Details	From
Hult Prize	Manipal Academy of Higher Education organized an event Hult prize in which MCBP team (Team Novus) stood 2 <sup>nd</sup> runner ups.	20 July 2021

**Outside University**

Event Name	Details	Date
Bizcruz	MCBP students secured a third place in the Bizcruz, a business pitch competition hosted by Symbiosis Centre for Management Studies, Noida.	22 October 2021 to 23 October 2021
Kerala start-up mission's Idea Feast	Got selected for Kerala start-up mission's idea grant 2021 and eligible for two lakh INR grants.	13 <sup>th</sup> September 2021



XI

Faculty of Humanities,  
Liberal Arts and Social  
Sciences



# Manipal Institute of Communication, Manipal

Address: Press Corner Udyavani Road Manipal - 576 104

Phone Number: 08202571903

Email-Office: office.mic@manipal.edu

Director Email: padma.rani@manipal.edu



Name of the Director: **Dr Padma Rani**

Established: **1997**

## Details of Programs offered by the Institution:

- BA Media and Communication
- MA Media and Communication
- BSc Animation
- PG Diploma in Corporate Communication
- PG Diploma in Sports Communication
- MA Film Art

## About Institution/School:

Manipal Institute of Communication (MIC) is a premier institution of media and communication and is ranked among the top 10 Journalism,

Media, and communication colleges in India. Established in 1997, the institution has contributed to the burgeoning media industry by providing it with trained professionals for over two decades now. MIC is committed to excellence in the field of media and communication education. The students are trained in all aspects of media and entertainment with a high emphasis on gaining a holistic understanding of the ethical, cultural, and political atmosphere with an international outlook. The pedagogy is a blend of practical skill-oriented and theoretical knowledge.

## Institutional Activities/Curricular Activities

All other activities in the department relating to the program/course:

Sl. No.	Activity	Particulars	Date(s)
1	Workshop for PG Students	Newspaper Design	13 January 2021 to 14 January 2021
2	Inauguration of Centre	Inauguration of Centre for Creativity Enhancement and Innovation	2 February 2021
3	Inauguration of Centre	Inauguration of Centre for Film Studies	12 February 2021
4	Vikram Sarabhai Birth Centenary	Vikram Sarabhai Birth Centenary	18 February 2021 to 19 February 2021
5	Workshop	Workshop on Maximising Social Science Publication	24 February 2021
6	Fire Mock Drill	Fire Mock Drill for all teaching and non-teaching staff members	25 February 2021
7	Women's Day	Women's Day	6 March 2021
8	Article 19	Article 19	26 March 2021 to 27 March 2021
9	SPSS Workshop	SPSS Workshop for PG Students by Department of Data Sciences, PSPH	3 April 2021
10	Namma Angadi	Namma Angadi - Online	9 April 2021 to 11 April 2021
11	Interaction with Faculty - Venus Upadhyaya	Venus Upadhyaya, Journalist - Visit to MIC and Interaction with faculty	12 April 2021
12	Team Development Workshop	Team Development Workshop for Non-teaching Staff members	28 June 2021 to 30 June 2021
13	Deakin - MIC	Deakin - MIC MAHE Research Collaboration Initiation Meeting	29 June 2021
14	Team Building Workshop	Team Building Workshop for faculty by Disha Consultants, Chennai	01 July 2021 to 02 July 2021
15	Orientation Day	Orientation for Postgraduate Students	11 October 2021
16	M V Kamath Centenary Address	M V Kamath Centenary address by Ms Nirmala Seetharaman, Finance Minister, Government of India	28 December 2021

## Details of Guest Visit (lectures, collaboration, visitors on campus)

Guest Lectures:

Sl. No.	Visitor	Name of the Organization	Purpose of Visit	Date of Visit
1	Professor M D Nalpat	UNESCO Chair, New Delhi	Talk on Vaccine Diplomacy	19 March 2021
2	Manik Premchand	Mumbai	Talk on the Evolution of music in Hindi Cinema	4 June 2021



Sl. No.	Visitor	Name of the Organization	Purpose of Visit	Date of Visit
3	Srinivasan Nandagopal	National Press	Talk on Is Journalism an ism any longer?	16 November 2021
4	Mrinal Chatterjee	Director, IIMC, Dhenkanal	Guest Lecture for students	26 November 2021

#### Details of Publications:

National		International	
Indexed	Non - Indexed	Indexed	Non - Indexed
2	4	1	1

#### Conferences attended by Institution faculty and students:

Faculty		Student	
National	International	National	International
10	2	2	2

#### Details of Conferences/Workshops conducted by the Institution:

Particulars	National	International
Workshop	2	1
Seminar	20	0

#### Awards/Recognitions:

##### Faculty Members

Sl. No.	Name	Details	Date
1	Dr Padmakumar K	IIAMCR - Faculty Ambassador in India	23 June 2021
2	Dr Padma Rani, Director	Certificate of Excellence awarded by World Economic Forum	10 December 2021
3	Dr Padma Rani, Director	Honouring Stellar Contribution to Media and Communication Education	20 December 2021

#### Photo Archive of Important events



M V Kamath Centenary Address by Ms Nirmala Seetharaman, Finance Minister, Government of India

## Manipal Centre for European Studies, Manipal

Address: 5th Floor, Advance Research Centre, Madhav Nagar, Manipal - 576 104 Udupi, Karnataka, India

Phone Number: +91 820 2923053

Email-Office: office.mces@manipal.edu

HOD Email: neeta.inamdar@manipal.edu



Name of the HOD: Neeta Inamdar

Established:2009

### Details of Programs offered by the Institution:

#### MA European Studies

MA European Studies is a two-year graduate program tailored to offer a broad conceptual understanding of the European Union (EU) institutions and the economic, political, and socio-cultural dimensions of Europe. It aims to equip learners with a wide range of critical skills to study the growing relevance of Europe and EU institutions in the wider world. This program is designed to foster the understanding of various aspects of European studies, centered around four specialization tracks: business and economics, education, policy and management,

politics and international relations, culture and literary studies.

#### PhD program

The centre also offers a PhD program for students interested in pursuing research on European studies. The three areas of research interest include:

- Internationalisation of Higher Education/ Cross-border Education
- Multilingualism, Plurilingualism, Linguistic Diversity, and Language Policy
- Cultural Diversity, Multiculturalism, and Interculturalism

### About Institution/School:

Manipal Centre for European Studies (MCES), positioned within the Faculty of Liberal Arts–Humanities and Social Sciences, is a unique Centre dedicated to sharing and enhancing knowledge between India and Europe through multidisciplinary study programs and research projects. Funded by the Delegation of the European Union to India, the Centre was established in 2009 with the vision to foster

India-EU educational connection by enhancing knowledge sharing across disciplines and geographical boundaries. The recent award and recognition by the European Union in July 2018 of the Centre as a Jean Monnet Centre of Excellence in India-EU Interdisciplinary Studies - Culture, Literature, Education and Society marks a major milestone in the Centre's journey towards fulfilling its mission of being the preferred destination of students and faculty with specific interests in India-EU studies.

### Institutional Activities/Curricular Activities

All other activities in the department relating to the program/course:

Sl. No.	Activity	Particulars	Date(s)
1	MCES also organised outreach activities in colleges in Karnataka and Goa. Four workshops were organised in 2021.		12 March 2021 to 25 November 2021
2	MCES also organised two workshops on SPSS and ATLAS.ti for research scholars and students of MAHE.		3 April 2021
3	MCES in collaboration with UNESCO and the Association of European Studies in India (AESI) organised the India-EU Higher Education Meet titled "Reimagining Border in Cross-border Education" (SDG4) funded under the Jean Monnet Centre of Excellence.		7 October 2021 to 8 March 2022



### Details of Guest Visit (lectures, collaboration, visitors on campus)

#### Guest Lectures:

Sl. No.	Visitor	Name of the Organization	Purpose of Visit	Date of Visit
1	Mr David Crosier	Eurydice, EACEA	Special Lecture-Bologna Process, Policy Coordination and Implementation: A European Experience (Online)	18 March 2021
2	Ms Nitika Srivastava	Senior Writer and Researcher, Consortium of Indo-Pacific Researchers, Alabama, USA	Special Lecture-From Cooperation to Contestation: Geopolitics of EU-Russia Relations (Online)	14 April 2021



Sl. No.	Visitor	Name of the Organization	Purpose of Visit	Date of Visit
3	Dr Francisca Hoyer, 	Stockholm, Sweden	Special Lecture-Relations of Absence: Germans in the East Indies and their Families c.1750-1820 (Online)	25 May 2021
4	Dr Margarita Starkeviciute 	Former MEP	Special Lecture-Strategic Autonomy and EU's Foreign Trade Agreements	17 June 2021
5	Mr Jo Leinen 	Former Member of the European Parliament (MEP)	Special Lecture-European Green Deal: A Blueprint for India's Climate Policy? (Online)	15 September 2021
6	Mr Michael Hindley 	Former Member of the European Parliament (MEP)	Special Lecture-European Parliament's Journey from a Consultative Assembly to Co-Legislator	28 October 2021
7	Ms Birgit Daiber 	Former Member of the European Parliament (MEP)	Special Lecture-Left Politics in the European Union	7 December 2021
8	Ms Anitha Guru 	Former Faculty at MMMC	Special Lecture-Speech Sound Production: Anatomy of Vocal Tract	10 December 2021
9	Mr Nitesh Anchan 	Research Associate, Centre for Intercultural Studies and Dialogue (CISD), MCES	Special Lecture-Argumentation and Reasoning	11 December 2021

#### Details of Publications:

	Indexed	Non-Indexed
International	3	9
National	-	-





### Conferences attended by Institution faculty and students:




	National	International
Faculty	0	6
Student	-	-

### Details of Conferences/Workshops conducted by the Institution:

Particulars	National	International
Conference	0	1
Seminar	0	1
Other	0	2
Workshop	7	3

### Books/chapters authored by faculty members:

Sl. No.	Name of the Book	Chapter(s) name (if authored, chapters only)	Faculty members	Publisher	Date
1	Contours of India-EU Engagements: Multiplicity of Experiences 	Europe, Christendom and its Encounter in India: The Missionary Experiences in Karnataka	Sharal T Correa and Dr Denis Fernandes	Manipal Universal Press	30 April 2021
2	Contours of India-EU Engagements: Multiplicity of Experiences (eds) 	Knowledge Diplomacy in Action: Delineating Educational Connect in India-EU Engagements	Neeta Inamdar Medini Hegde	Manipal Universal Press	30 April 2021
3	Contours of India-EU Engagements Multiplicity of Experiences 	India-EU Cooperation in Commercial Aircraft Manufacturing	Yatharth Kachiar and Ayush Mohanty	Manipal Universal Press	30 April 2021
4	Contours of India-EU Engagements: Multiplicity of Experiences (eds) 	-	Neeta Inamdar Priya Poojary Praveen Shetty	Manipal Universal Press	1 April 2021

Sl. No.	Name of the Book	Chapter(s) name (if authored, chapters only)	Faculty members	Publisher	Date
5	Contours of India-EU Engagements: Multiplicity of Experiences (eds) 	Constructive Engagement in Times of Strategic Confusion: Mapping India-EU Relations	Neeta Inamdar, Priya Vijaykumar Poojary and Praveen	Manipal Universal Press	30 April 2021
6	Tackling Online Education: Implications of Responses to COVID-19 in Higher Education Globally 	Internationalizing the Curriculum: Case Study of an Indian Master's Degree in European Studies	Pranjali Kirloskar	Cambridge Scholars Publishing, UK	30 September 2021
7	Contours of India-EU Engagements Multiplicity of Experiences 	Role of IHE in Knowledge Diplomacy: Challenges to Building Bridges between Universities in India and Europe	Pranjali Kirloskar, Neeta Inamdar	Manipal Universal Press	30 April 2021

### Awards/Recognitions:

#### Faculty Members

Sl. No.	Name	Details	Date
1	Dr Neeta Inamdar	Professor Dr Neeta Inamdar - Head, MCES was awarded "Exceptional Leader of Excellence" presented at the Annual Women's Economic Forum 2021.	10 December 2021

#### Students

Sl. No.	Name	Details	Date
1	Aniruddha Ravindra Inamdar	Tallinn University, Estonia   Erasmus + student mobility   Tuition fee waiver   2 semesters	9 August 2021
2	Anitha Guru	Aarhus University, Denmark   Tuition fee waiver   2 semesters	9 August 2021
3	Basil	Trento University, Italy   Tuition fee waiver   1 semesters	9 August 2021
4	Nivedita Gokaran Jitendra	Charles University for two years Master	26 August 2021



Sl. No.	Name	Details	Date
5	Mary Treseena	Aarhus University, Denmark   Tuition fee waiver   2 semesters	1 September 2021
6	Shubhankar Paul	Received EMJMD scholarship in EUROSUD	1 September 2021
7	Rucha Sahasrabuddhe	Lille University, France   Tuition fee waiver   2 semesters	1 September 2021
8	Yoheshwari Devaraj	Charles University for two years Master	9 September 2021
9	Sushmita Roy	Research scholar at MCES marked to the list of EuropeIndia 40 leader list Top 40 Under 40	13 November 2021

### Staff

Sl. No.	Name	Details	Date
1	Tejasvini Ahuja	Received Erasmus Mundus Joint Master Degree Scholarship for the GLOCAL program.	1 September 2021

### Photo Archive of Important events



Orientation Day - MA European Studies 2021 batch

## Department of Geopolitics and International Relations, Manipal

Address: First Floor, Old TAPMI Building, Near Post Office,  
Manipal Academy of Higher Education, Manipal-576104

Phone Number: 0820 2922996

Email-Office: geopolitics.mu@manipal.edu

Director Email: ravi.p@manipal.edu



Name of the In-charge Head of the Department: **Dr Ravindranathan P**

Established: **2010**

### Details of Programs offered by the Institution:

- MA in Geopolitics and International Relations,  
PhD in Geopolitics and International Relations

### About Institution/School:

The Department of Geopolitics and International Relations (GIR) offers a Masters and PhD program in GIR. The department, in addition to teaching, conducts policy and academic research on pertinent themes impacting the international security environment. The research also focuses on the Science and Technology aspects of International Relations. The department has made a modest attempt in identifying the

best possible subjects in its curriculum for its Masters program. The Masters course focuses on understanding the emerging GIR from a strong theoretical perspective and combines this knowledge and information with the experience of the practitioners. The area of academic and policy research mostly includes the regions which impact India's national security negatively, the regions which are in transition and the regions which are converging with India. The research focuses on multifaceted dimensions of understanding the region from the political, economic, strategic and diplomatic prism. The objective of the department has been to evolve India's perspective on the contemporary geopolitical environment.

## Details of Guest Visit (lectures, collaboration, visitors on campus)

### Guest Lectures:

Sl. No.	Visitor	Name of the Organization	Purpose of Visit	Date of Visit
1	Dr Matt McDonald 	Associate Professor, School of Political Science and International Studies, Faculty of Humanities and Social Sciences, The University of Queensland, Australia	To deliver guest lectures online	9 September 2021
2	Dr Lawrence Prabhakar Williams	Visiting Professor and Consultant on Strategic Issues	To deliver guest lectures online	24 September 2021
3	Professor (Dr:) Rajat Ganguly	Murdoch University, Perth, Australia, Editor-in-Chief, Journal of Asian Security and International Affairs	Online Lecture	27 September 2021
4	Anna Brach	Head, Human Security, Geneva Centre for Security Policy (GCSP), Switzerland	Webinar	1 October 2021
5	Oli Brown	Climate Security Expert, Network (CSEN) Senior Associate, Adelphi, Germany	Webinar	1 October 2021
6	Patryk Kugiel	Senior Analyst, Polish Institute of International Affairs, Warsaw	Online Lecture	4 October 2021
7	Stefania Benaglia	Associate Researcher, Centre for European Policy Studies, Brussels	Online Lecture	5 October 2021
8	Air Marshal (Retd) Dr M Matheswaran	Founder, Chairman and President, The Peninsula Foundation	Online Lecture	8 October 2021
9	Ambika Vishwanath	Director and Founder, Kubernein Initiative, India	Webinar	9 October 2021
10	Dr Mirza Sadaquat Huda	Postdoctoral Research Fellow, OSCE Academy, Kyrgyzstan	Webinar	9 October 2021
11	Maj Gen (Dr) A K Bardalai 	Indian Army Veteran, Former UN Peacekeeper, Distinguished Fellow, The United Service Institution of India	Online Lecture	21 October 2021
12	Amb. Gautam Bambawale	Former Indian Ambassador to China	Webinar	30 October 2021
13	Professor Srikanth Kondapalli	Professor, Centre for East Asian Studies, JNU	Webinar	30 October 2021
14	L Gen S L Narasimhan (Retd)	Director General, Centre for Contemporary Chinese Studies	Webinar	30 October 2021

Sl. No.	Visitor	Name of the Organization	Purpose of Visit	Date of Visit
15	Dr Dattesh D Parulekar	Assistant Professor, School of International and Area Studies, Goa University	Online Special Lecture	5 November 2021
16	Dr Rahul Tripathi	Professor, Department of Political Science, Goa University	Online Lecture	6 November 2021
17	Dr Tomoko Kiyota	Associate Professor, Nagasaki University	Webinar	12 November 2021
18	Dr Jagannath P Panda	Research Fellow and Coordinator, East Asia Centre, MP-IDSA	Webinar	12 November 2021
19	Mr Ananth Krishnan	China Correspondent, The Hindu (Hong Kong)	Online Lecture	19 November 2021
20	Salma Kadri	Program Officer-Climate, Security and Development, Cairo International Centre for Conflict Resolution, Peacekeeping and Peacebuilding (CCCCPA), Egypt	Online Lecture	23 November 2021
21	Amb.Rtn Anil Trigunayat	Former Ambassador of India to Jordan, Libya and Malta	Online Lecture	24 November 2021
22	Amb. T P Sreenivasan	Former Permanent Representative of India to the United Nations	Online Lecture	25 November 2021
23	Professor Sandeep Shastri	Vice Chancellor; Jagran Lakeeity University, Bhopal, India	Online Lecture	26 November 2021
24	Dr Manjari Singh	Associate Fellow, CLAWS	Online Colloquium	27 November 2021
25	Dr Shaima Magued	Faculty, Cairo University	Online Colloquium	27 November 2021
26	Dr Muddassir Quamar	Associate Fellow, MP-IDSA	Online Colloquium	27 November 2021





#### Details of Publications:

National		International	
Indexed	Non - Indexed	Indexed	Non - Indexed
4	18	3	5

#### Details of Conferences/Workshops conducted by the Institution:

Particulars	National	International
Seminar	4	4
Other	40	20

### Books/chapters authored by faculty members:

Sl. No.	Name of the Book	Chapter(s) name (if authored, chapters only)	Faculty members	Publisher	Date
1	EU-India Relations 	India's Climate Diplomacy Towards the EU: From Copenhagen to Paris and Beyond	Dr Dhanasree Jayaram (co-author)	Springer	31 December 2021
2	Climate Diplomacy and Emerging Economies: India as a Case Study 		Dr Dhanasree Jayaram (co-author)	Routledge	31 December 2021
3	Understanding Present and Past Arctic Environments: An Integrated Approach from Climate Change Perspectives 	Geopolitical and Geoeconomic Implications of Climate Change in the Arctic Region: The Future of Contestation and Cooperation	Dr Dhanasree Jayaram (co-author)	Elsevier	31 December 2021
4	Understanding Present and Past Arctic Environments: An Integrated Approach from Climate Change Perspectives 	Geopolitical and Geoeconomic Implications of Climate Change in the Arctic Region: The Future of Contestation and Cooperation	Dr Anand V (co-author)	Elsevier	31 December 2021

### Awards/Recognitions:

#### Faculty Members

Sl. No.	Name	Details	Date
1	Dr Dhanasree Jayaram	Alexander von Humboldt International Climate Protection Fellowship 2022-23, Germany	27 October 2021


#### Students

Sl. No.	Name	Details	Date
1	Ms Poornima B	Wikistrat Simulation Excellence Award for Top Analyst Contribution	21 July 2021

**Extra-Curricular Activities:**

**Cultural Activities:**

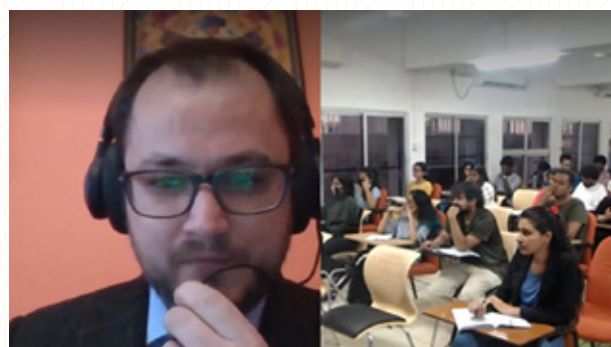
**In Institution:**

Sl. No.	Event	Details	Date(s)
1	Dusshera/Vijayadashami and Ethnic Day 	Literary and cultural activities were performed by students on the occasion of the Dusshera/Vijayadashami festival.	15 October 2021

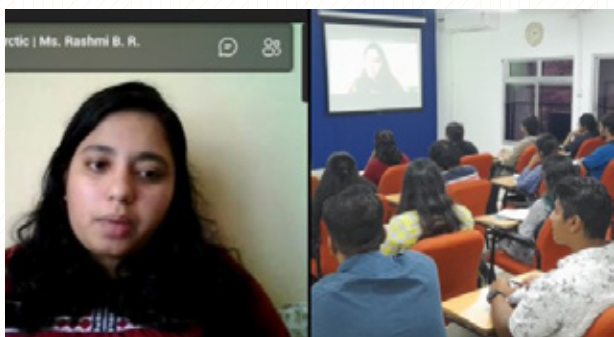
**Photo Archive of Important events**



Dr Pranav Kumar delivered a special lecture to the students of the Department of Geopolitics and International Relations, MAHE on the Geopolitics of Sub-Saharan Africa on 30 November 2021. Dr Pranav Kumar was formerly a faculty of the Department.



Mr Przemyslaw Ozierski, an independent security expert on Central Asia, delivered a special lecture on the “Geopolitics of Central Asia” to the students of Department of Geopolitics and International Relations, MAHE on 29 November 2021 with a focus on the ethnic divides in the region.



Rashmi B R, an alumna of the Department of Geopolitics and International Relations, MAHE delivered two special lectures-on the Geopolitics of the Arctic, and the Arctic Council, to the students of the Department on 17 November 2021. The lecture is part of the Department’s Alumni Interaction Series.



Dr Vivek Pandi, Assistant Professor, Manipal Centre for Natural Sciences (MCNS) delivered a special lecture to MA students of the department on #biodiversity, various threats posed to biodiversity including #climatechange, international and national efforts to deal with the crisis.





The Department of Geopolitics and International Relations organized a special lecture by Mr Abhimanyu Raja on 9 November 2021 about the Strides in Artificial Intelligence and Robotics technology and National Security.



The Department of Geopolitics and International Relations, MAHE organized a Distinguished Lecture by Professor Rahul Tripathi on 5 November 2021 on the theme "Future of Multilateralism in an Uncertain Global Political Economy"



Ms Cleo Paskal delivered a special lecture to the Masters students of the Department of Geopolitics and International Relations, MAHE today on the Three Geos in the South Pacific.



A Distinguished Lecture was organized by the Department of Geopolitics and International Relations, MAHE where His Excellency Mr Jonathan Zadka, Consul General of Israel to South India and Mr Joseph Avraham, Consul for Trade and Economic Affairs, Consul General of Israel, Bengaluru were speakers on 25 August 2021

## Department of Library and Information Science, Manipal

Address: Health Sciences Library Building, MAHE, Manipal - 576 104

Phone Number: 08020 - 2922358; 0820 - 2922609

Email-Office: [libraryscience@manipal.edu](mailto:libraryscience@manipal.edu)

Coordinator Email: [shiva.bhat@manipal.edu](mailto:shiva.bhat@manipal.edu)



Name of the Coordinator: **Dr Shivananda Bhat K**

Established: **2011**

Details of Programs offered by the Department:

- MLiblSc (Master of Library and Information Science)
- PhD (Library and Information Science)

### About Department:

The Department of Library and Information Science was established on 1 August 2011 with the launch of the BLISc (Bachelor of Library and Information Science) program. The department is situated at the Health Sciences Library at the [manipal.edu](http://manipal.edu) building. Apart from classroom learning, students are also given practical exposure. MAHE libraries will be “working

laboratories” through which students can apply classroom concepts through hands-on training.

### Highlights

- Updated and employable curriculum
- Practice-led teaching and practice-supported learning
- Hands-on-training through online and offline resources
- Exposure to the advanced techniques in the field of librarianship
- Computing, internet and library software training facilities
- Library practising in world-class MAHE Libraries
- All faculty members with PhD qualification



Details of Programs offered by the Department:

- MLibISc (Master of Library and Information Science)
- PhD (Library and Information Science)

**About Department:**

The Department of Library and Information Science was established on 1 August 2011 with the launch of the BLISc (Bachelor of Library and Information Science) program. The department is situated at the Health Sciences Library at the manipal.edu building. Apart from classroom learning, students are also given practical exposure. MAHE libraries will be “working laboratories” through which students can apply classroom concepts through hands-on training.

**Highlights**

- Updated and employable curriculum
- Practice-led teaching and practice-supported learning
- Hands-on-training through online and offline resources
- Exposure to the advanced techniques in the field of librarianship
- Computing, internet and library software training facilities
- Library practising in world-class MAHE Libraries
- All faculty members with PhD qualification

**Details of Publications:**

National		International	
Indexed	Non - Indexed	Indexed	Non - Indexed
1	0	4	0

**Conferences attended by Institution faculty and students:**

Particulars	National	International
Conference	0	1

**Details of Conferences/Workshops conducted by the Institution:**

Particulars	National	International
Workshop	2	0

## Department of Philosophy

Address: 6th Floor, Advanced Research Centre (ARC), Manipal Academy of Higher Education (MAHE), Madhav Nagar, Manipal 576104

Phone Number: +91-820-29-37750

Email-Office: office.philosophy@manipal.edu

HOD Email: acharya.srinivasan@manipal.edu



Name of the Coordinator: Srinivasa Kumar N Acharya

Established:2019

### Details of Programs offered by the Institution:

- MA Indian Philosophy
- MA Sanskrit Studies
- PG Diploma in Indian Philosophy
- PG Diploma in Sanskrit Studies
- Certificate Courses/Courses offered for other institutions
- Conversational Sanskrit
- Sanskrit - Textual Basics
- Bhagavad Gita
- Introduction to Indian Philosophy
- Introduction to Philosophy (Research and Ethics)
- European philosophical thoughts and reflections
- Indian textual traditions: analysis and appreciation
- Ethics and Epics: Indian and European discourses
- Linguistics and Phonetics
- European literature in Indian translation (ELIT)
- Introduction to Computational Linguistics (ICL)
- Open Electives at Manipal Institute of Technology (MIT), MAHE, Manipal
- Introduction to Indian Ethics and Epics
- Introduction to Sanskrit Computational Linguistics

### About Institution/School:

The Department of Philosophy (DoP) is a constituent of the Faculty of Liberal Arts-Humanities and Social Sciences. It incorporates teaching and research activities in the areas of Humanities and Social Sciences through academic programs, projects, publications, and events. It is resolved to create an academic platform for philosophical practice in a diverse academic and professional environment. The department has brought out a couple of scholarly translations and publications and is conducting interdisciplinary research in the areas of philosophy, literature, digital humanities, and computational linguistics. With a team of young faculty members who are the beneficiaries of globally prestigious Erasmus Plus

teaching mobility and Raman Charpak research fellowships at European universities, it offers a two-year Master's Program in Indian Philosophy as well as a one-year Postgraduate Diploma in Indian Philosophy, as of 2020. It also offers a variety of elective/certificate courses in multiple areas of Humanities at other MAHE constituent units.

**Objectives:** To develop intellectual resources through interdisciplinary studies and research. To collaborate and foster academic exchanges with international institutions. To promote dialogue between Indian and western knowledge systems. To create an interface between classical and contemporary India and its traditions. To nurture an ethical and intellectual climate through philosophical practices.

### Institutional Activities/Curricular Activities

New Initiatives:

All other activities in the department relating to the program/course:

Sl. No.	Activity	Particulars	Date(s)
1	European Literature in Indian Translation (ELIT)	The intellectual movements of Europe have exercised a profound influence on literary and philosophical movements in the Indian subcontinent. We observe these influences mainly during the colonial and post-colonial times (19th, 20th and 21st centuries) The course delves into the influences of European literary movements and aesthetic concerns on literary forms, most importantly translations of subject matter in Indian languages.	8 February 2021 to 30 March 2021
2	Introduction to Philosophy (as part of Research and Ethics)	This is a program-based course on Research and ethics (UGC course) in collaboration with the Centre for Doctoral Studies (CDS), DoR, MAHE. 150 students were attending the course.	15 May 2021
3	Ethics and Epics: Indian and European Discourses	The social scenario triggers the debates on understanding and practice of ethics, values, and traditions. The course attempts to revisit the classical epic literature, narratives and characters to identify and render interesting views on questions of morality. These epics account for various situations of human life dwelling upon ethical dilemmas. The studies on such reveal interesting views on ethical theories and help in understanding the ethical frameworks and the changes brought in them with time.	13 September 2021 to 16 November 2021
4	Certificate Course in Conversational Sanskrit	This is a certificate course to develop conversational skills in the Sanskrit language. This course is open to all-ages. Sanskrit knowledge is not prerequisite to joining this course.	22 September 2021 to 29 October 2021

Sl. No.	Activity	Particulars	Date(s)
5	Linguistics and Phonetics	This is two credits course offered for BA Foreign Languages and Intercultural Studies program students learning in the first semester at the Department of Languages.	11 October 2021 to 8 January 2022
6	Certificate course in Textual Sanskrit	This is a certificate course to develop the textual basics of the Sanskrit language and empower to read a Sanskrit text independently. This course is open to all-ages. Sanskrit knowledge is not prerequisite to joining this course.	10 November 2021 to 17 December 2021
7	Certificate course in Bhagavad Gita	This is a certificate course is to explore the vast storehouse of knowledge presented in Gita and its varied interpretation could open up interesting areas of study. In addition, the course focuses to deal with Gita with an open and analytical approach aiming to understand the tradition of commentaries as well. During the course, other than the Course Instructor, subject experts may be invited to deliver special lectures on various pertinent topics. This course is open to all-ages.	10 November 2021 to 17 December 2021

### Details of Guest Visit (lectures, collaboration, visitors on campus)

#### Guest Lectures:

Sl. No.	Visitor	Name of the Organization	Purpose of Visit	Date of Visit
1	Dr Geetesh Nirban	Associate Professor, Department of Philosophy, Kamala Nehru College, New Delhi	A seminar organized on Indian Thoughts on Language, Literature and Morality by Contemporary Women Philosophers in India as part of International Women's Day and World Philosophy Day co-organized with Manipal University Jaipur (MUJ) and the Indian Council of Philosophical Research (ICPR). The title of his lecture was Moral Interrogations and Gender Equality: Reflections from Mahabharata.	27 March 2021
2	Professor Shivani V	Professor and Head, Department of Vyakarana, Karnataka Sanskrit University (KSU), Bengaluru	A seminar organized on Indian Thoughts on Language, Literature and Morality by Contemporary Women Philosophers in India as part of International Women's Day and World Philosophy Day co-organized with MUJ and the Indian Council of Philosophical Research (ICPR). The title of his lecture was Vag Vai Jaya: Distending world through word	27 March 2021
3	Dr Meera Baidur	Associate Professor, Department of Arts, MUJ	A seminar organized on Indian Thoughts on Language, Literature and Morality by Contemporary Women Philosophers in India as part of International Women's Day and World Philosophy Day co-organized with MUJ and the Indian Council of Philosophical Research (ICPR). The title of the lecture was Body, Liberation and the Social: Women Philosopher-Poets.	27 March 2021
4	Dr Sushim Dubey	Professor, Department of Philosophy, Nalanda University, Bihar	A seminar on MAHE Mahabharata: Philosophical Interventions co-organized with ICPR. The title of the talk was "The concept of Yoga in Mahabharata".	30 March 2021

Sl. No.	Visitor	Name of the Organization	Purpose of Visit	Date of Visit
5	Vidvan Vijayasimha Totantillaya	Independent Researcher, Bengaluru	A seminar on MAHE Mahabharata: Philosophical Interventions co-organized with ICPR. The title of the talk was Mahabharata-Pathabheda-Mimamsa	30 March 2021
6	Dr Ramakrishna Pejattaya,	Chinmaya Vishwavidyapeetham, Kerala	A seminar on MAHE Mahabharata: Philosophical Interventions co-organized with ICPR". The title of the talk was A mismatch between the tree and its root: some insights into the nature of dharma based upon Yudhishtira's character".	30 March 2021
7	Dr Dhananjaya Rao	Director, Vedic-Vedantic Studies and Research Institute (VVSRI), New Delhi	A seminar on International Yoga Day Seminar Series: Yogah Karmasu Kaushalam – an art of equanimity and agency co-organized with ICPR, New Delhi. The title of the talk was Bhagavate Yoga.	21 June 2021
8	Dr Shyam Ranganathan	Faculty Member, Department of Philosophy, York University, Canada	A seminar on International Yoga Day Seminar Series: Yogah Karmasu Kaushalam – an art of equanimity and agency co-organized with ICPR, New Delhi. The title of the talk was Dharma-Meghah Samadhih - the moral rain cloud assessment.	21 July 2021
9	Professor Bibek Debroy	EAC-PM, Government of India, New Delhi	Master's Immersion Seminars – MA Indian Philosophy and MA Sanskrit Studies of DoP, Manipal. The title of the talk was Inaugural Lecture - Importance of a multidisciplinary approach to Liberal Arts in India	3 September 2021
10	Ms Revati Nadgir	Senior Executive - Sales and Management, Manipal Universal Press (MUP), Manipal	Master's Immersion Seminars – MA Indian Philosophy and MA Sanskrit Studies of DoP, Manipal. The title of the workshop was Breaking the Ice: Workshop on Effective Communication.	4 September 2021
11	Dr Meera Baindur	Associate Professor, Department of Arts, MUJ	Master's Immersion Seminars – MA Indian Philosophy and MA Sanskrit Studies of DoP, Manipal. The title of the talk was Thinking Critically through Diversity, Inclusivity and Privilege.	6 September 2021 to 7 September 2021
12	Dr Praveen Shetty	Assistant Professor -Senior Scale, Manipal Institution of Technology, Manipal	Master's Immersion Seminars – MA Indian Philosophy and MA Sanskrit Studies of DoP, Manipal. The title of the workshop was Cultures Matter: Workshop on Essentials of Intercultural Communication	6 September 2021 to 7 September 2021
13	Ms Priya Poojary	Lecturer, Manipal Centre for European Studies (MCES), MAHE	Master's Immersion Seminars – MA Indian Philosophy and MA Sanskrit Studies of DoP, Manipal. The title of the workshop was "Fundamentals of Academic Writing".	8 September 2021
14	Dr Mrinal Kaul	Assistant Professor, Department of Humanities and Social Sciences, IIT-Bombay	Master's Immersion Seminars – MA Indian Philosophy and MA Sanskrit Studies of DoP, Manipal. The title of the talk was "What is wrong with philosophy in India/South Asia?"	9 September 2021
15	Dr Srajana Kaikini	Assistant Professor, Department of Liberal Arts, Krea University, Chennai	Master's Immersion Seminars – MA Indian Philosophy and MA Sanskrit Studies of DoP, Manipal. The title of the talk was What Art We?	9 September 2021

Sl. No.	Visitor	Name of the Organization	Purpose of Visit	Date of Visit
16	Dr Mrinal Kaul	Assistant Professor, Department of Humanities and Social Sciences, IIT-Bombay	Master's Immersion Seminars – MA Indian Philosophy and MA Sanskrit Studies of DoP, Manipal. The title of the talk was What constitutes "creativity" in South Asia?	11 September 2021
17	Dr Anuradha Chaudhary	Assistant Professor, Department of Humanities and Social Sciences, IIT-Kharagpur	A seminar on International Yoga Day Seminar Series: Yogah Karmasu Kaushalam – an art of equanimity and agency co-organized with ICPR, New Delhi. The title of the talk was "Sanskrit yoga: A means to fine-tune human consciousness"	11 September 2021
18	Dr Jayaraman Mahadevan	Director, Textual Research Division in Yoga, Indic Academy	A seminar on International Yoga Day Seminar Series: Yogah Karmasu Kaushalam – an art of equanimity and agency co-organized with ICPR, New Delhi. The title of the talk was "Catur-vyuhās: The Heart of Yogasutras"	11 September 2021
19	Dr Saroj Kanta Kar	Programme Officer, ICPR, New Delhi	A seminar on International Yoga Day Seminar Series: Yogah Karmasu Kaushalam – an art of equanimity and agency co-organized with ICPR, New Delhi. The title of the talk was "Anaavritti of Chitta as a method of Meditation in Yoga and Buddhism"	11 September 2021
20	HH Sri Vidyashrishatirtha Swamiji	Sosale Sri Vyasaraja Matha, Bengaluru	Manipal-Toronto Seminar Series on Nyayamrta-Advaitasiddhi co-organized with the University of Toronto (U of T) as part of phase 1 of the collaborative project "Argument and Counterargument in Early Modern Vedanta" funded by SICI, New Delhi. The title of the talk was Nyayamrta	18 September 2021 to 31 October 2021
21	Vidvan Mani Dravida Sastrigal	Faculty member, Madras Sanskrit College, Chennai	Manipal-Toronto Seminar Series on Nyayamrta-Advaitasiddhi co-organized with the University of Toronto (U of T) as part of phase 1 of the collaborative project "Argument and Counterargument in Early Modern Vedanta" funded by SICI, New Delhi. The title of the talk was Advaitasiddhi	13 November 2021 to 5 December 2021
22	Dr Aravinda Bhat	Assistant Professor, Department of Languages, MAHE	Seminar Series on the occasion of World Philosophy Day 2021. The title of the talk was "The Problems of Perception"	25 November 2021
23	Professor Dr Veeranarayana K Pandurangi,	Professor and Dean, Faculty of Shastra, Karnataka Sanskrit University, Bangalore	Seminar Series on the occasion of World Philosophy Day 2021. The title of the talk was "The Philosophy of Language in Vedic Discourses"	26 November 2021
24	Professor Dr N T Bhat	Translator and Author, Manipal	A seminar on The Art of Translation as part of Translation Studies for Master's students	11 December 2021
25	Nitesh Anchan	Research Associate, Centre for Intercultural Studies and Dialogue (CISD), MCES, MAHE	A seminar on Argumentation and Reasoning co-organized with MCES, Manipal as part of Research Methods course for Master's students	11 December 2021

#### Details of Publications:

National		International	
Indexed	Non - Indexed	Indexed	Non - Indexed
0	2	0	0

#### Conferences attended by Institution faculty and students:

Faculty		Student	
National	International	National	International
1	2	0	0

#### Details of Conferences/Workshops conducted by the Institution:

Particulars	National	International
Workshop	1	0
Seminar	1	7

#### Details of Research Grants:

Sl. No.	Project Name	Principal Investigator	Funding Agencies	Total Grants Received (INR)	Date(s)
1	European literature in translation (ELIT) (course)	Tanima Nigam	Jean Monnet Centres of Excellence, MCES, MAHE, Manipal	1,08,778.24	8 February 2021 to 30 March 2021
2	Yogah Karmasu Kaushalam - Yoga is an art of equanimity and agency (as part of International Day for Yoga 2021)	Gowtham R	Indian Council for Philosophical Research (ICPR), New Delhi	17,000/-	21 June 2021 to 11 September 2021
3	Ethics and Epics: Indian and European Discourses	Srinivasa Kumar N Acharya	Jean Monnet Centre of Excellence, MCES, Manipal	3,26,334.72	13 September 2021 to 16 November 2021
4	Epistemology: perception and language (as part of World Philosophy Day 2021)	Tanima Nigam	Indian Council for Philosophical Research (ICPR), New Delhi	15,000/-	26 November 2021
5	MAHE Mahabharata: Philosophical Interventions (As part of Periodic Lectures)	Arjuna S R	Indian Council for Philosophical Research (ICPR), New Delhi	10,000/-	30 March 2021

Photo Archive of Important events



The Philosophy of Language in Vedic Discourses



A seminar on The Art of Translation as part of Translation Studies for Master's students by Dr Aravinda Bhat



Master's Immersion Seminars – MA Indian Philosophy and MA Sanskrit Studies of DoP, Manipal.



## Department of Languages

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HOD Email: [rahul.putty@manipal.edu](mailto:rahul.putty@manipal.edu)



Name of the HOD: Rahul Putty

Established:2019

### Details of Programs offered by the Institution:

Undergraduate: BA Foreign Languages and Intercultural Studies (BA FLIS), with specializations in French, German, and Spanish

Certificate Courses: Beginner to Advanced levels of learning in French, German, Spanish, Polish, Sanskrit, Kannada, and Hindi.

BA FLIS aims at transforming students' passion for learning new languages and discovering diverse cultures into graduate attributes that have a wide scope of application for both further studies and professional enhancement. The innovative and interdisciplinary curriculum of the program includes specialization tracks in French, German, and Spanish, which creatively intersect with studies in cultural mediation, history, literature, diplomacy, and other topical subjects in the liberal arts and humanities. This

original approach within foreign language studies programs in India allows students to acquire knowledge and skills to engage meaningfully with the global processes of today.

### Focus

The thrust areas of the program include interdisciplinary modules in:

- Foreign Language Acquisition with specializations in French, German, or Spanish (CEFR B2 Level), as well as auxiliary studies in Polish, French, German or Spanish Intercultural Mediation
- Comparative Sociocultural dimensions of languages
- Literary Studies and History
- Praxis in Arts and Heritage
- Cultural Diplomacy
- Research and Projects

Career Prospects: BA FLIS opens up career pathways spanning a wide range of domains requiring foreign language and intercultural competence in institutions and fields with a strong international dimension to their work, such as:

- Foreign services
- Translation and interpretation, liaison, and consultancy in multinational enterprises, international organisations, or cultural institutes
- Tourism, heritage, and creative industry
- Foreign language teaching and other related educational services.

Duration: 3 years; 6 semesters

Eligibility: 10+ 2 or equivalent from any discipline with a minimum of 50% at least in subjects of relevance to the program (languages, social sciences, arts etc.); Citizenship: Indian nationals can apply under the General Category. Foreign nationals or Non-Resident Indians or Indian nationals supported by NRI relatives can apply under the Foreign/NRI Category.

#### **About Institution/School:**

The Department of Languages (formerly Centre for Languages) specializes in developing innovative academic programs and knowledge pathways in the domain of languages and culture studies. Today, the increasing international character of the social, political or economic spheres provides exciting opportunities for study and work across sectors such as travel and tourism, diplomatic services, education, corporate world, entertainment, and communications, to name a few. Keeping this in mind, the study of foreign languages and cultural mediation are focus areas at our institution and are infused with the objectives of creating the required academic capital for facilitating a deeper engagement

of India with the wider world and expanding learning and career avenues for students. The Department of Languages shares its history with both Manipal Centre for European Studies and the Alliance Française de Bangalore – Manipal Chapter, which were pioneering initiatives by MAHE in 2009 to further the cause of international higher education. The Centre for (Foreign) Languages was established in 2016 to accentuate already ongoing endeavours by the Centre for European Studies in the field of languages and India-Europe higher education collaborations. More than 5,000 students have benefitted from language classes through the Centre and its institutional partners over the years. In April 2019, the Centre was reconstituted as a department and as a specialized academic unit to further enhance the scope of foreign language and cultural mediation studies in India. The Department's study modules revolve around six interlinked clusters: language and linguistics, cultural mediation, literary studies, governance and cultural diplomacy, heritage and sustainability, and research and projects. This multi-perspectival orientation provides a unique platform for students from diverse disciplinary backgrounds to integrate their interests in both languages and dimensions of international studies that are of relevance today. The languages that form part of the course offerings at the Department, both as full-time and certificate courses, comprise French, German, Spanish, Italian, Polish, Japanese, Sanskrit, Kannada, and Hindi. Institutional/International partners: Alliance Française de Bangalore; Narodowa Agencja Wymiany Akademickiej (NAWA), Instituto Cervantes de Nueva Delhi; British Council Examinations and English Services India Pvt Ltd.

## Institutional Activities/Curricular Activities

### New Initiatives:

Sl. No.	Activity	Particulars	Date(s)
1	NAWA Information Office, MAHE	The NAWA information office at MAHE was inaugurated virtually as part of Polish Science Day organised by the Office of International Affairs and Collaborations and the Department of Languages. The Chief Guest for the event was His Excellency Adam Burakowski, Ambassador of the Republic of Poland to India. The guest of honour for the event were Dr Grazyna Zebrowska (Director General of NAWA), Lt Gen (Dr) M D Venkatesh (Vice Chancellor, MAHE) and MR Raghu C Rajappa (Honorary Consul of the Republic of Poland in Bengaluru). The MoU was signed between MAHE and Adam Mickiewicz University. It is a vision for cooperation in Polish language and culture studies.	19 February 2021
2	#CLUE talk series	A series of multilingual interventions throughout the year on many aspects and diverse themes related to European languages and Cultures (CLUE) Objective: To obtain insights from and interact with academicians, language instructors, diplomats and others connected to this field. The series is curated by DOL and open to the interested public	24 July 2021

### All other activities in the department relating to the program/course

Sl. No.	Activity	Particulars	Date(s)
1	BA Foreign Languages and Intercultural Studies	Re-Orientation Sessions – organised for everyone, involving an open hour to seek clarifications, voice concerns and/or suggestions; interactions with BA FLIS alumni; workshops on peer and group learning and more...	11 January 2021 to 15 January 2021
2	BA Foreign Languages and Intercultural Studies	The Re-Orientation program was for semesters 3 and 5. The objectives were to familiarise with the department, the environment and the fraternity for students of semester 3 (Meet and Greet), besides, reconnecting with one another for students of semester 5	5 October 2021
3	Open Elective: Introduction to a New Language- (Kannada/Hindi/ German/Spanish)	A 36-hour introductory and innovative course teaching the basic conversational skills in the target language opened out for various Departments/Institutions of MAHE The Kannada module- <i>Matadona Kannada</i> © is a unique, first of its kind, designed and imparted at the Department of Languages	11 October 2021 to 30 November 2021
4	BA Foreign Languages and Intercultural Studies	The Orientation Program was conducted online for the freshers of semester 1 to welcome and acquaint them with the Bachelor's program with a series of planned activities and games.	13 October 2021 to 15 October 2021
5	BA Foreign Languages and Intercultural Studies	The Re-Orientation commenced with the senior students taking the freshers on a guided walking tour through the campus, followed by a group photoshoot and familiarisation with the department. The event ended with the FLISter's Flair Talent Festival- A student-driven fest to showcase the talents at Department of Languages. All three cohorts of the flagship BA program participated and put up performances of songs, dance, quiz, poetry and art.	15 November 2021

## Details of Guest Visit(lectures, collaboration, visitors on campus)

### Guest Lectures :

Sl. No.	Visitor	Name of the Organization	Purpose of Visit	Date of Visit
1	Justyna Guziak	NAWA - Narodowa Agencja Wymiany Akademickiej	Workshop conducted on Discover Poland Interactive session by Ms Justyna Guziak	12 January 2021
2	Ms Anna Wydra	Otter Films	Anna Wydra, co-producer of Rabbit à la Berlin (Oscar nomination-2010, Best Short Documentary Subject) runs Otter Films, a Warsaw based production company focused on art-house fiction and documentary films for international cinema and television. She has produced and co-produced award-winning films. She is also a member of the European Film Academy. The guest was invited to talk about the story development, production, and post-production in Rabbit à la Berlin, followed by an interactive session with the participants. The event was in collaboration with Manipal Centre for European Studies, as part of the module "Watching" Europe: European Society and Culture through Cinema	1 April 2021
3	Mr Damian Irzyk	Consul General of the Republic of Poland in Mumbai	The event was held to discover the growth of the Visegrád alliance of Poland, Czechia, Slovakia and Hungary since 1991 and their cities in forging unique diplomatic pathways. Recent years have seen cities play an increasingly important role as agents of change in international relations. The event was named as "The Visegrád Group and City Diplomacy". The Visegrád Group, also known as the V4, is an important political and cultural alliance of the Central European countries - Poland, Hungary, Czech Republic and Slovakia. He will be talking about the three-decade growth of the Visegrád with a focus on the emerging role of the V4 cities in international relations, in creating new pathways of engagement within Europe and with the world.	20 Apr 2021

### Conferences attended by Institution faculty and students:

Faculty		Student	
National	International	National	International
0	1	0	0

### Extra - Curricular Activities:

#### Cultural Activities:

#### In Institution:



Sl. No.	Event	Details	Date(s)
1	International Mother Language Day 2021: BYOB 3.0	The International Mother Language Day 2021 was celebrated in the Department of Languages, aligned with the year's theme: "Fostering multilingualism for inclusion in education and society". It resonated strongly with the developments in India, the new NEP 2020 to engage in the cause of promoting multilingualism whilst sustaining the mother tongues. The series of events started online and incorporated into the lectures touching upon the theme. The final events such as Bhasha Sangralaya, DoL ka Dhaba, Bhasha Vishesh, Know Your Bhasha, and a fun-filled afternoon was held at the Department on the 26 February 2021.	21 February 2021

Photo Archive of Important events



FLISters Flair 3.0 "Screen to stage: RE-orienting together"



## Gandhian Centre for Philosophical Arts & Sciences

Address: Old TAPMI building, Behind Police Station, MAHE, Manipal, Karnataka, India

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Director Email: [varadesh.gange@manipal.edu](mailto:varadesh.gange@manipal.edu)



Name of the Director: **Professor Varadesh Hiregange**

Established: **14 December 2014**

Details of Programs offered by the Institution:

- MA (Ecosophical Aesthetics)
- MA (Art and Peace Studies)
- BA (Aesthetics and Peace Studies)
- Certificate course in Gandhian and Peace Studies
- Certificate course in Yakshagana Appreciation

**About Institution/School:**

The Gandhian Centre for Philosophical Arts and Sciences (GCPAS) engages in interdisciplinary teaching and research with a view to developing alternative knowledge systems to deal with contemporary crises. The Centre engages in the intersectionality of aesthetics, philosophy, ecology, journalism, Gandhian and peace studies, development, and gender studies. It is a

constituent department of the Manipal Academy of Higher Education (MAHE), a deemed university recognized as the Institution of Eminence by the Ministry of Human Resources, Government of India. World today is passing through a crisis of violence, of every kind – violence connected to region, religion, caste, class, nature, culture, science, gender, economy, ecology, nation, and development. Education needs to respond to the rising challenges and hence, GCPAS, MAHE is offering its first-of-its-kind postgraduate programs – MA in Ecosophical Aesthetics and MA in Art and Peace Studies and an undergraduate program- BA Aesthetics and Peace Studies. In fact, there is a whole gamut of arts, sciences and social sciences which impart meaning to life and hold insight into the resolution of the crisis; philosophical exploration is the basic bedrock of such a search and media play a major role. The GCPAS adopts this kind of an inter-disciplinary and trans-disciplinary approach, envisioning a peaceful, just, aesthetic and ecosophically sustainable present and future.

The MA in Ecosophical Aesthetics is the first of its kind postgraduate program which prepares students in critical appreciation of different art forms with an Ecosophical perspective making them suitable for art media and art of media.

- The MA in Art and Peace Studies is a first of its kind postgraduate programme which explores the possibilities of peace - individual and international - through art media and art of media.
- The BA in Aesthetics and Peace studies is a first of its kind undergraduate program which combines liberal arts and social sciences with a broad framework of aesthetics and peace studies honing specific skills in the art of media. The employment possibilities include Journalism, Media, and communication; socio-cultural and environmental (national and international) sector; academics and research; policy research organisations; international relations agencies; publishing. The uniqueness of the programs is their inter-disciplinarity, a rare combination of subjects leading to knowledge, wisdom, and employability, which means to better life and

### Institutional Activities/Curricular Activities


#### New Initiatives:

Sl. No.	Activity	Particulars	Date(s)
1	Certificate programme in Aesthetics	A certificate program in Aesthetics: The course presents an environment for art learning and creative thinking and scope for experimentation.	1 January 2021 to 31 December 2021

#### All other activities in the department relating to the program/course:

Sl. No.	Activity	Particulars	Date(s)
1	Certificate programme in Yakshagana Appreciation	A certificate program in Yakshagana appreciation: Yakshagana is a traditional art form, primarily performed in Coastal Karnataka and Malnad region. It is a complete theatre art in the sense it makes use of instrumental music, songs, dance, dialogues, and rich costumes.	1 January 2021 to 31 December 2021












Sl. No.	Activity	Particulars	Date(s)
2	BA Aesthetics and Peace Studies	A unique undergraduate program - BA in Aesthetics and peace studies is being launched this academic year on behalf of the Gandhian Centre for Philosophical Arts and Sciences (GCPAS) MAHE. The GCPAS, which already has its two innovative postgraduate programs and research, has embarked on yet another first-of-its-kind undergraduate program, which is also in tune with the National Education Policy-2020 with multiple exit points. This BA program is a rare combination of Liberal Arts and Social Sciences with a broad framework of Aesthetics and Peace studies, honing certain skills suitable for art media. The subjects include literature, different arts, media, political science, international relations, sociology, psychology, history, and philosophy, among others. One year of completion will ensure a certificate for the students; two years, a diploma; three years, the graduation; and four years, the graduation with Honours. Those who complete four years degree with Honours will have the opportunity to go for a one-year postgraduate program in GCPAS.	1 January 2021 to 31 December 2021
3	MA Ecosophical Aesthetics 	First, of its kind, this is a two-year program to fulfil the need for “art writers”. It is essentially “art journalism from an ecosophical perspective”. Ecosophy combines ecology and philosophy. The program includes a philosophical appreciation of all art forms - music, dance, literature, theatre, cinema, and painting, among others, with a focus on writing with ecosophy being the connecting thread. Any individual with a graduation or equivalent degree can take up this program.	1 January 2021 to 31 December 2021
4	MA Art and Peace Studies	MA in Art and Peace Studies is an innovative postgraduate program which attempts to connect art and peace studies from a philosophical perspective. Peace-personal, social, ecological, and international - is a final purpose of life which is also very much in need and art adds flavour and meaning to life. The program intends to achieve peace of every kind through art. It includes areas such as society, polity, development studies, gender studies, Gandhian studies, journalism, media and international peace and different forms of art such as music, dance, theatre, visual arts, and cinema	1 January 2021 to 31 December 2021
5	Certificate Program in Gandhian and Peace Studies	A certificate program in Gandhian and Peace Studies: The course is designed to add rigour and help all applicants willing to become well-rounded professionals. This course focuses on the welfare of all - Sarvodaya in Gandhian philosophy.	1 January 2021 to 31 December 2021



## Details of Guest Visit (lectures, collaboration, visitors on campus)

### Guest Lectures:

Sl. No.	Visitor	Name of the Organization	Purpose of Visit	Date of Visit
1	Professor M D Nalpat 	UNESCO	Global Politics and Non-violence	13 March 2021
2	Jayant Kaikini 	Eminent writer	Tattvankura-International Students' Festival	27 May 2021
3	T M Krishna 	Renowned Vocalist	Tattvankura-International Students' Festival	28 May 2021
4	Mr Sudheendra Kulkarni 	Eminent Journalist and Political Commentator	International Conference on Ecosophy, Art and Peace (ICEAP)	3 June 2021
5	Professor Manu Chakravarthy 	Eminent culture critic and author	International Conference on Ecosophy, Art and Peace (ICEAP)	4 June 2021
6	Professor Bashabi Fraser 	Scottish Centre of Tagore Studies, Edinburgh Napier University	International Conference on Ecosophy, Art and Peace (ICEAP)	4 June 2021
7	Professor Shreeraj Gudi 	Manipal Institute of Communication	Seminar on "Building Peace through Environment Conservation"	15 September 2021
8	Dr Nandakishor 	Department of Geopolitics and International Relations, MAHE	Seminar on Multiculturalism and Peace Building	22 September 2021
9	Professor Ida D Souza K 	Department of Global Health, PSPH, MAHE	Seminar on "Gender and Peace Building"	29 September 2021

Sl. No.	Visitor	Name of the Organization	Purpose of Visit	Date of Visit
10	Dr Chandan Gowda 	ISEC, Bengaluru	Seminar on "Hind Swaraj in our Times"	2 October 2021
11	Professor Raviraj Kini	Nitte Institute of Communication	Seminar on "Media and Peace Building"	6 October 2021
12	Professor K P Rao	Eminent Linguist	"Book - Talk" Professor K P Rao on his "Novel Varnaka"	6 October 2021
13	Mamatha Rai 	Kadike Trust, Karkala	Sustainable Lifestyle conservation	18 October 2021
14	Professor Manu Chakravarthy 	Cultural Theorist and Author	Seminar on "Art and Peace"	23 October 2021
15	Dr Raghu Murthugudde 	Senior Earth Scientist, University of Maryland, USA	Workshop on "Climate Change" What can you do?	27 November 2021
16	Sri Raghunandana	Theatre Director	Special workshop on "Contrasting Romeo Juliet with Macbeth"	27 November 2021
17	Professor N Manu Chakravarthy	Cultural Theorist and Author	Satyajit Ray Centenary - Special seminar	4 December 2021 to 4 April 2022
18	Usha Rajagopalan 	Author and Environmentalist	A Special session on "Subramania Bharati"	6 December 2021
19	Professor Choodamani Nandagopal	Eminent Art historian Aesthetics	Special Session on "Aesthetics: East and West"	7 December 2021

### Details of Publications:

National		International	
Indexed	Non - Indexed	Indexed	Non - Indexed
1	1	0	6

### Conferences attended by Institution faculty and students:

Faculty		Student	
National	International	National	International
3	2	2	3

### Details of Conferences/Workshops conducted by the Institution:

Particulars	National	International
Conference	0	2
Seminar	9	3
Workshop	4	0
Other	3	0

### Books/chapters authored by faculty members:

Sl. No.	Name of the Book	Chapter(s) name (if authored, chapters only)	Faculty members	Publisher	Date
1	Mahila Sahitya Samputa-Ankana	Mannapalladallonduru Mridu Kanaside	Ms Sushmitha A Shetty	Kannada Sahitya Parishat	1 September 2021

### Extra-Curricular Activities:

#### Cultural Activities:

#### In Institution:

Sl. No.	Event	Details	Date(s)
1	Cultural Day	Cultural Day was held at GCPAS	14 December 2021
2	Independence Day	Celebrated the spirit of independence	16 August 2021



#### Outside University

Sl. No.	Event	Details	Date(s)
1	Tattvankura	Students' International Fest hosted by GCPAS, MAHE	27 May 2021



Photo Archive



Cultural Day at GCPAS



Creative Day at GCPAS



Creative Day at GCPAS



Play- We the people of India



GCPAS Students



Satyajit Ray Film Festival at GCPAS



Theatre Workshop by Sri S Raghunandana



GCPAS students at Aditi Art Gallery



GCPAS Students



**XII**

# Centre of Excellence

## Manipal Centre for Humanities, Manipal

Address: Manipal Centre for Humanities Dr TMA Pai Planetarium Complex Alevloor Road, MAHE,  
Manipal 576104

Phone Number: 0820-29-23561

Email-Office: office.mcph@manipal.edu

HOD Email: nikhil.govind@manipal.edu



Name of the HOD: **Dr Nikhil Govind**

Established: **2010**

Details of Programs offered by the Institution:

- BA Humanities
- MA English
- MA Sociology
- MA History
- PhD Program

### **About Institution/School:**

The Manipal Centre for Humanities (MCH) began functioning in February 2010. This Centre was established to not only promote humanities and liberal arts education at MAHE but also to function as a Centre of Excellence for teaching, research, and social sensitivity. With increased awareness all over the world about the importance of humanities education, the

objective of this Centre is to foster innovation in research and pedagogy in the humanities and to retain its reputation as one of the top programs in India. Masters and PhD programs in the fields of English, Sociology and Philosophy are conducted for students that match the best international institutions. The task of the Centre is to encourage critical and creative thinking across a wide variety of disciplines. One of its core aims is to foster original writing from India in the fields of social sciences and humanities. The programs incorporate concepts from both Western and non/Western intellectual traditions to give the students a strong theoretical foundation, as well as research/writing skills.

## Institutional Activities/Curricular Activities

### New Initiatives:

Sl. No.	Activity	Particulars	Date(s)
1	MA History	New MA Program started for the discipline of History	1 August 2021
2	MA History	New MA program started for the discipline of History	2 August 2021

All other activities in the department relating to the program/course:

Sl. No.	Activity	Particulars	Date(s)
1	Career Counselling Cell - Making a Career in Films	On 8 January 2021, the Career Counselling Cell of MCH organized its first event of the new semester – a talk on how to make a career in films for the final year students. Uthana Bharighat, an MCH alum, was the featured speaker at the event. Previously an awardee of the Inlaks Scholarship, he is currently set to join as an assistant professor of the Film and Television Institute of India (FTII).	8 January 2021
2	Career Counselling Cell - How to Convert dissertation into a Monologue	On 26 February 2021, the Career Counselling Cell of MCH organized a talk on how to How to Convert a dissertation into a Monologue. Yadhukrishnan P T an MCH alum, was the featured speaker at the event. He is currently in the final year of PhD at MCH	26 February 2021
3	CHAICOPY - Dig IN: the language of food	CHAICOPY is an MCH Literary Journal of poetry, flash fiction, short fiction, creative non-fiction photo essays, visual art, and artist profiles.	28 February 2021
4	CHAICOPY	Cooking From the Heart - Featuring Prithvi Patil. He is a final year WGSMA student who is passionate about cooking and filling his plate with love, as much as he fills those eating from it.	24 April 2021
5	Narratives of Aging: From India and Beyond	Dr Jagriti Gangopadhyay is an Assistant Professor of Sociology at the MCH and the faculty coordinator for the Centre for Women's Studies. On the occasion of the launch of her first book, Culture, Context and Aging of Older Indians: Narratives from India and Beyond, a book discussion and round table session. The book discussion hosted the author, Dr Jagriti in conversation with the eminent scholar, Dr Sarah Lamb. Dr Sarah Lamb, the Barbara Mandel Professor of Humanities Social Sciences and Professor of Anthropology and Women's, Gender, and Sexuality Studies at Brandeis University, started off by remarking that the book was one of the best academic reads she has come across, in recent, on the topic of ageing.	6 August 2021
6	CHAICOPY	A Chaicopy Retrospective - On 25 August 2021, the MCH Literary Club organized an event to commemorate the journey of its beloved literary journal, Chaicopy from when it began in 2017 till date. Hosted by its current Editors-in-Chief, MA students Manjita Joshi and Serene George, attendees were warmly welcomed to a nostalgic introduction of what Chaicopy is and the dear place it holds in the heart of MCH.	25 August 2021 to 25 August 2022





Sl. No.	Activity	Particulars	Date(s)
7	Career Counselling Cell - PhD in Humanities: Exploring Opportunities Abroad	On 3 September 2021, the Career Counselling Cell of MCH organised its first event of the semester – a talk on pursuing a PhD in Humanities abroad, specifically in the USA. The talk, held on Microsoft Teams, featured Rohini Shukla an MCH alum from the 2015 MA batch. Rohini is a fourth-year PhD student and scholar in the Department of Religious Studies at the University of Columbia, New York. After an introduction by Dr Prabodhan Pol and Dr Ranjana Saha, Rohini spoke about her journey in academia and higher education, giving the audience of BA and MA students important insights on applying to PhD programs abroad.	3 September 2021
8	CHAICOPY	Mediums - CHAICOPY is a - MCH Literary Journal of poetry, flash fiction, short fiction, creative non-fiction photo essays, visual art, and artist profiles.	17 September 2021
9	Student Awareness Event	Conducted by Student Council - MCH on issues concerning safety via Microsoft Teams.	11 October 2021
10	Career Counselling Cell - Teach for India Fellowship Session	The Teach for India fellowship session was held on 25 October 2021 organised by the Career Counselling Cell of MCH. The session began with Ajay Kumar Budumuru introducing the organisation of Teach for India (TFI). The speaker explained how social work is no longer an obscure field. Rather, it was said to be having great potential and scope and as being highly necessary for the world. The social work and teaching sectors provide students and university graduates with an excellent opportunity at building a stellar leadership skillset. These sectors also have a huge positive impact on various strata of society. With increased funding and growing opportunities opening up in the last decade, the social work field has experienced a shift from “drab to glam”. A few videos on Teach for India were screened, explaining the purpose, and working of the organisation. The videos also shared inspirational stories of children across the country, who have benefited from their services.	25 October 2021
11	A Virtual Open Mic	Ever since the 2020 pandemic, the MCH Student Council has successfully conducted these virtual sessions to provide a conduit for channelling the creative energy of the students. This session too saw an outburst of the thoughts, passion, and finesse silently brewing in the student community. The session opened with a presentation centred on the UGC Vigilance Awareness Week and Cyber Security, delivered by the event-host Aatreyee Ghoshal. Thereafter, the students were asked to take an integrity pledge as Indian citizens to develop vigilance against and abstain from corruption in any form—be it economic, political, or social. The slogan “Do your part, #BeCyberSmart” was also introduced in lieu of the National Cyber-Security Month. However, this tested the students’ patience as they eagerly waited for the participatory section. One would think technology was empathizing with these young souls as it glitched all through this informative segment	29 October 2021




Sl. No.	Activity	Particulars	Date(s)
12	The Other Scene: Migrant: Photographs as Sites of Contestation	The South Indian State of Kerala has a five decades-long phenomenon of large-scale migration to the countries of the Arabian Gulf. This migration, circular in nature, has had the most telling and holistic effect on life in Kerala. The figure of the migrant, however, is absent in the narratives except as an economic agent. Migration as lived experience is considered irrelevant to the proceeding of both the sending polities and the destination. The migrants have, however, left a considerable archive of living the migrant life, especially in the form of photographs. This talk will foreground migrant photographs taken by Kerala migrants to the gulf as sites where they appropriated and contested claims of belonging and citizenship.	7 December 2021

### Details of Guest Visit (lectures, collaboration, visitors on campus)

#### Guest Lectures:

Sl. No.	Visitor	Name of the Organization	Purpose of Visit	Date of Visit
1	Dr Max Katz 	Music at the College of William and Mary, Williamsburg.	The Manipal-Samvaad Centre for Indian Music hosted within the MCH campus launched a monthly lecture series, Conversations in Musicology on 27 August 2021. The first session, "Textuality, Orality and Tradition in Hindustani Music" featured distinguished musicologists Dr Dard Neuman and Dr Max Katz discussing their work in the field of Hindustani Music and was attended by esteemed dignitaries, including the scholar-musician Irfan Muhammad Khan and Tabla soloist Pandit Aneesh Pradhan.	27 August 2021
2	Dr Dard Neuman 	Music at the University of California, Santa Cruz, and the Hasan Endowed Chair in Classical Indian Music.	The Manipal-Samvaad Centre for Indian Music hosted within the MCH campus launched a monthly lecture series, Conversations in Musicology on 27 August 2021. The first session, "Textuality, Orality and Tradition in Hindustani Music" featured distinguished musicologists Dr Dard Neuman and Dr Max Katz discussing their work in the field of Hindustani Music and was attended by esteemed dignitaries, including the scholar-musician Irfan Muhammad Khan and Tabla soloist Pandit Aneesh Pradhan.	27 August 2021
3	Dr Prathama Banerjee	Centre for the Study of Developing Societies, Delhi	National Conference: Reflections on Politics and the Political - The second session was the book discussion on Prathama Banerjee's Elementary Aspects of the Political: Histories from the Global South. The session witnessed an intense conversation between Prathama Banerjee, author and Professor at the Centre for the Study of Developing Societies, Delhi, Dr Ashokan Nambiar, Postdoctoral Fellow at MCH, and Dr Neha Chatterjee, Assistant Professor at MCH.	13 September 2021

Sl. No.	Visitor	Name of the Organization	Purpose of Visit	Date of Visit
4	Dr Ishan Mukherjee	OP Jindal Global University	National Conference: Reflections on Politics and the Political - The third session of the conference was titled "The Political Subject," and like the first, consisted of three speakers presenting their papers: Dr Ishan Mukherjee from OP Jindal Global University, and our very own MCH professors Dr Prabodhan Pol and Dr Anubhav Sengupta. The session was chaired by Yadukrishnan P T, a doctoral scholar at MCH.	13 September 2021
5	Dr Ritajyoti Bandyopadhyay 	Indian Institute of Science Education and Research (IISER), Mohali	National Conference: Reflections on Politics and the Political - The first session was titled, "The Political Site", focusing on politics as a site and space. This session, moderated by PhD scholar Raghu Menon of MCH, invited Dr Ritajyoti Bandyopadhyay, Assistant Professor of Humanities and Social Sciences at Indian Institute of Science Education and Research (IISER), Mohali, Dr Ranjana Saha (Postdoctoral Fellow at MCH) and Dr Mohamed Shafeeq Karinkurayil (Assistant Professor at MCH) to share their papers on this theme.	13 September 2021
6	Rochelle Pinto 	Research Fellow at L'Institut d'Études Avancées, Nates, France	Ethnography and the Colonial Novel - A Public Talk by Rochelle Pinto She was a Research Fellow at L'Institut d'Études Avancées, Nates, France from 2019 to 2020 and at the Nehru Memorial Museum and Library, in New Delhi, from 2015 to 2017, examining Land and Narrative – the culture of the economy in colonial Goa. She held a research fellowship at the Centre for the Study of Developing Societies, CSDS, in Delhi in 2014 and prior to that, taught literature at Delhi University from 2010 to 2014. She is the author of <i>Between Empires - Print and Politics in Goa</i> (2007, Oxford University Press), a book theorizing the nature of linguistic politics, print production and colonial rule through the experience of Portuguese colonialism in the nineteenth century Goa. She co-directed the project <i>Archive and Access</i> when she taught in Bangalore at the Centre for the Study of Culture and Society between 2005 and 2009. She takes part in the project <i>Pensando Goa</i> which focuses on literature in Portuguese emerging from Goa, and is on the Scientific Committee of the project, "Politics and Culture in Colonial Periodical Press". She was born in India, in Mumbai, graduated from St Xavier's College with English literature, completed her master's program at the Centre for Linguistics and English at Jawaharlal Nehru University and her PhD at the Department of Languages and Cultures of South Asia at SOAS, London in 2003.	8 October 2021

Sl. No.	Visitor	Name of the Organization	Purpose of Visit	Date of Visit
7	Dr Suparana Sengupta 	Holds a doctoral degree in history from the University of Delhi	On 28 October 2021, MCH conducted a public lecture on "The Swadeshi Movement in 1905", where Dr Suparana Sengupta addressed the repressive measures taken by the colonial government against the people in the mass protest. The public lecture was titled "The Swadeshi Movement and Repressive Colonial Law". The talk was held online on Microsoft Teams with an introduction by Dr Ranjana Saha who warmly welcomed Dr Sengupta, faculty, students, and guests outside of MAHE.	28 October 2021
8	Mr Ravikumar Kashi 	An artist who works in different mediums such as painting, sculpture, photography, and installation	Visual City Artist Talk by Mr Ravikumar Kashi conducted by HGAC.	29 October 2021
9	Professor Martin Clayton 	Ethnomusicology at Durham University	Exploring rhythm in Hindustani music: Theories, methods, and disciplines - The Manipal-Samvaad Centre for Indian music hosted its second lecture in a series of conversations on the musicology of Hindustani Khayal music on 26 November 2021. The series hopes to bring together musicologists and thinkers who address the Khayal genre through a diverse set of scholarly and performative approaches such as the Euro-American idiom of academic writing as well as the Indian idiom of performative scholarship. Srijan Deshpande, trustee of the foundation and doctoral scholar at MCH elaborated on the foundation's efforts in archiving and digitization and invited the audience to browse through the catalogue which the centre has made available online. He invited Professor Martin Clayton to present the lecture "Exploring rhythm in Hindustani music: Theories, methods and disciplines", which was followed by a lively Q&A which drew in many enthusiasts and dignitaries including noted tabla player Pandit Aneesh Pradhan.	26 November 2021

#### Details of Publications:

Category	Indexed	Non-Indexed
National	4	1
International	10	1

#### Conferences attended by Institution faculty and students:

Category	National	International
Faculty	32	27

#### Details of Conferences/Workshops conducted by the Institution:

Particulars	National	International
Conference	1	1
Others	1	2

### Books/chapters authored by faculty members:

S.No	Name of the Book	Chapter(s) name (if authored, chapters only)	Faculty members	Publisher	Date
1	About Populism and Its Limits	Individuation and the Authoritarian Public: Rajelakshmy's A Path and Many Shadows	Nikhil Govind	Bloomsbury	8 January 2021
2	Ageing Issues and Responses in India	Examining the Lived Experiences of Ageing Among Older Adults Living Alone in India	Jagriti Gangopadhyay	Springer	8 January 2021
3	Sexuality, Abjection and Queer Existence in Contemporary India	Nothing Much Happened': Rethinking Heterosexual Middle-Class Adolescent Boys' Romance in Mumbai	Dr Ketaki Chowkhani	Routledge	13 July 2021
4	Unattached	Singlehood Unlimited: Solo Living in South India	Dr Ketaki Chowkhani	Malin Square Peg	3 December 2021

### Details of Research Grants:

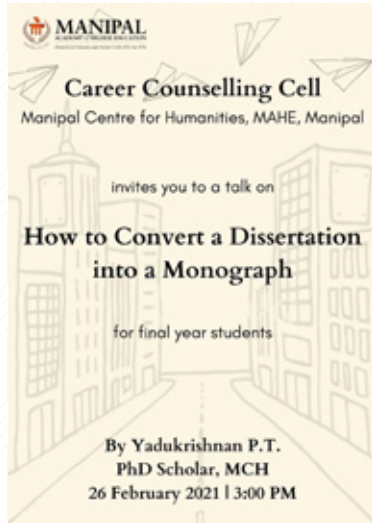
Project Name	Investigator	Funding Agency	Total Grant (INR)	Dates
Culture, Context and Ageing: Narratives of Older Indians from India and Beyond	Jagriti Gangopadhyay	Shastri Publication Grant	1,00,000.00	9 November 2020 to 28 February 2021



### Awards/Recognitions: Students

Sl. No.	Name	Details	Date
1	Shruthi Dileep	A student who just graduated from the Postgraduate Sociology program in MCH, in partnership with Richu Jain, a Canadian based Engineer, has launched an online publication platform titled Reading Room Co. for new writers to launch their creations, whether it be poetry, fiction, or non-fiction.	14 January 2021
2	Sneharshi Dasgupta	A student who just graduated from the Undergraduate Program in MCH has been selected as a Clinton Fellow for the William J Clinton Fellowship 2020-2021 by the American India Foundation ( <a href="https://aif.org/fellowship/">https://aif.org/fellowship/</a> ). The William J Clinton Fellowship for Service in India is an immersive, 10-month volunteer service program matching young professionals with development organizations. Fellows work on scalable and sustainable development projects in the fields of education, livelihoods, and public health.	14 January 2021
3	Abhiram Kuchibhotla	A third-year student at MCH has been selected for the University of Iowa's International Writing Program of 2020-21. The program is known as the Summer Institute. It is two-week creative writing and cultural exchange program conducted by the University of Iowa's International Writing Program that brings together students from Pakistan, India, and the USA to help them hone their skills and use writing as a medium for social change.	14 January 2021

Photo Archive of Important events



CCC – How to Convert Dissertation into a Monograph 26 February 2021



Conversations in Musicology 27 August 2021



"Madness", Medicine, and Ethics 13 November 2021



National Conference on Reflections on Politics and the Political 13 September 2021



Visual City – Artist Talk 29 October 2021

## Manipal Centre for Natural Sciences, Manipal

Manipal Centre for Natural Sciences Centre of Excellence, Manipal Academy of Higher Education Dr  
TMA Pai Planetarium Building, Alevoor Road, Manipal-576104 Udupi dist. Karnataka, India  
Phone Number: 0820 2923571

Email-Office: [director.mcns@manipal.edu](mailto:director.mcns@manipal.edu)

Director Email: [prithviraj.m@manipal.edu](mailto:prithviraj.m@manipal.edu)



Name of the In-charge Director: **Dr M Prithviraj**

Established:**2012**

Details of Programs offered by the Institution:

- PhD
- Integrated PhD- Natural Sciences (Physics)

**About Institution/School:**

Manipal Centre for Natural Sciences (MCNS) was started in the year 2011 under the Manipal Advanced Research Group (MARG). The MCNS was conceived of as a unique Centre dedicated to the pursuit of fundamental research at the frontiers of the natural sciences. The fledgling MCNS came into its own as a Centre of Excellence under Manipal University in 2012.

From its inception, a unique and vibrant academic program has been initiated and integrated with existing research at leading institutions in India and abroad. Building on its core strength in physics, MCNS is expanding to cover other disciplines like Earth and Planetary Sciences, and Chemistry, as part of an ambitious mandate. With a focus on achieving a deeper understanding of underlying natural processes, the Centre seeks to create an environment to stimulate cross-fertilisation of research by encouraging an integrated approach to facilitate creativity and originality leading to discoveries.

## Institutional Activities/Curricular Activities

### New Initiatives:

Sl. No.	Activity	Particulars	Date(s)
<b>Manipal Centre for Natural Sciences</b>			
1	Integrated PhD-Natural Sciences (Physics)	New program introduced in Natural Sciences (Physics)	16 September 2021
2	Collaboration and Direct contribution to Aditya - L1 project	Aditya - L1 is India's first dedicated space mission to study the Sun. One of the Telescope onboard Aditya L1 is Solar Ultraviolet Imaging Telescope (SUIT). Dr Sreejith Padinhatteeri, Assistant Professor, MCNS is also working as Project Scientist of the SUIT project with overall incharge of development and delivery of the payload, in collaboration with IUCAA, Pune and ISRO Bangalore.	2 November 2021 to 30 June 2022

### All other activities in the department relating to the program/course:

Sl. No.	Activity	Particulars	Date(s)
1	Recognitions continued	Dr Debbijoy Bhattacharya, Associate Professor, MCNS, is continued to be "Visiting Associateship" at Inter-University Centre for Astronomy and Astrophysics (IUCAA), Pune University Campus.	1 January 2021
2	Recognition continued	Dr Debbijoy Bhattacharya, Associate Professor, MCNS, is continued to be a Member of the Science Working Group (SWG) for X-ray Polarimeter Satellite (XPoSat) Mission.	1 January 2021
3	Reading Club	Lectures from "The Character of Physical Law" by Richard Feynman	2 January 2021
4	General Radiation Awareness and Safety Program (GRASP)	A certificate course mandatory for all MCNS staff and researchers was conducted to get awareness about radiation and safety thereto.	9 February 2021 to 13 February 2021
5	Outreach event- Science week celebration-2021	Talk on Exploring our Universe by Dr Debbijoy Bhattacharya, MCNS.	24 February 2021
6	Outreach event- Science week celebration-2021	Talk on The Science of Plant-Animal Interactions by Dr Vivek Pandi, MCNS.	25 February 2021
7	Outreach event- Science week celebration-2021	Talk on Fast Reactors: Why and How by Dr V Gopalakrishnan, MCNS	26 February 2021
8	Outreach event- Science week celebration-2021	Talk on Elementary Particles – The Most Fundamental Building Blocks of Nature by Dr Kazuyuki Furuuchi, MCNS.	28 February 2021
9	Special Planetarium Show	Two special shows were organized in Planetarium on the occasion of the National Science Day celebration. Around 48 students participated from different schools.	28 February 2021
10	Reading Club	"Origins of modern human ancestry". Published in Nature, February 2021, Vol. 590, 229	6 March 2021



Sl. No.	Activity	Particulars	Date(s)
11	Nature Club	"Introduction to the world of Algae". The talk was given by Mr Elaya Perumal, Scientific officer at Annakkili Amma Research Institute (AARI)	13 March 2021
12	Talk by Faculty -Dr Kazuyuki Furuuchi, MCNS	Title: Dark Matter - Invisible Matter Which Rules the Universe	27 March 2021
13	Reading Club	"COVID-19 vaccines: where we stand and challenges ahead"	03 April 2021
14	Nature Club	"Genetics and behaviour". The talk was given by Dr Salmataj S A, Assistant Professor, Department of Biotechnology, Manipal Institute of Technology, Manipal	10 April 2021
15	Short Certificate Course	Course Title: Key Problems in Particle Physics	19 April 2021 to 23 April 2021
16	Nature Club	"Revisiting Ancestry and Ancestry Informative Markers in the Genomic era". The talk was given by Dr Ranajit Das, Assistant Professor at Yenepoya Research Centre, Yenepoya University, Mangalore	8 May 2021
17	Short Certificate Course	Course Title: Exotic Astrophysical Objects	10 May 2021 to 14 May 2021
18	Summer Research Internship-2021	Summer Research Internship-2021. A total of 16 students participated from all over India for the six-week Internship Program.	7 June 2021 to 16 July 2021
19	Talk delivered by an Expert	Dr Vivek Pandi, "Ecology and biodiversity of climbing plants", "Know Our Environment", Tamil Nadu, India	24 July 2021
20	Short Certificate Course	Course Title: Radiation Awareness and Safety	23 August 2021 to 27 August 2021
21	Movie Club	Our Planet: Episode - 3 Jungles	28 August 2021
22	Movie Club	Episode 1- Light [from the documentary series Light and Dark]	25 September 2021
23	Movie Club	Comet Catcher: Rosetta Landing	23 October 2021
24	Talk delivered as an Expert	Dr Vivek Pandi, "Global biodiversity and conservation: are we heading towards the sixth major extinction", Department of Geopolitics and International Relations, MAHE, Manipal.	09 November 2021
25	Nature Club	"Amazing world of bats". Video documentary, followed by discussions with Mr Rahul Khanolkar, Mhadei Research Centre, Belagavi, Karnataka	13 November 2021
26	Talk delivered as an Expert	Dr Debbijoy Bhattacharya, "Interest vs Career in Astrophysics", One Day Workshop on Modern Research Areas in Physics held at Manipal Institute of Technology, MAHE, Manipal	16 November 2021

Sl. No.	Activity	Particulars	Date(s)
27	Movie Club	The Genius of Marie Curie	27 November 2021
28	Nature Club	"The Unsung Estuary of Mulki" a documentary by Dhyan C K and Sathwik P S, followed by an interactive session with the "Wild DK" team	15 December 2021

### Details of Guest Visit (lectures, collaboration, visitors on campus)

#### Guest Lectures:

Sl. No.	Visitor	Name of the Organization	Purpose of Visit	Date of Visit
1	Dr William F Laurance	Centre for TESS, College of Science and Engineering, James Cook University, Australia	A talk on "Environmental Synergisms and the Fate of Nature" as part of World Biodiversity Day	22 May 2021
2	Professor Jeong-Hyuck Park	Department of Physics, Sogang University, Korea	Delivered a talk on "How Many is Different? Question of Emergence and Answer from Ideal Bose Gas"	15 June 2021
3	Professor Vishwas S Kale	Department of Geography, SP Pune University, Pune	A talk on "Sahyadri: The Benevolent Mountain"- The morphology and geological history of the Western Ghat.	18 June 2021
4	Professor Amit Roy	Inter-University Accelerator Centre, New Delhi	Delivered a talk on "Nuclear Physics: Past, Present and Future"	3 July 2021
5	A team of experts	"OUR PSYCHE"	A talk on "Importance of mental health and well-being"	5 July 2021
				
6	Dr Vinay Kashyap	Centre for Astrophysics   Harvard and Smithsonian	Delivered a talk on "X-rays from Stars"	10 July 2021
7	Dr Sreejith Padinhatteeri	Inter-University Centre for Astronomy and Astrophysics (IUCAA), Pune	A talk on "Aditya- L1 – India's First Dedicated Mission to Study the Sun"	16 July 2021
8	Dr Francois Munoz	Interdisciplinary Physics Laboratory (LIPh), Grenoble Alpes University; Saint Martin d'Herès, France	Delivered a lecture on "Island biogeography, metapopulation and conservation"	01 September 2021


#### Details of Publications:

National		International	
Indexed	Non - Indexed	Indexed	Non - Indexed
0	0	7	0


### Conferences attended by Institution faculty and students:

Faculty		Student	
National	International	National	International
04	05	10	03

### Books/chapters authored by faculty members:

Sl. No.	Name of the Book	Chapter(s) name (if authored, chapters only)	Faculty members	Publisher	Date
1	Physics of Nuclear Reactors, ISBN: 9780128224427	Chapter 1 – Introduction AND Chapter 2 – Nuclear Data	Dr V Gopalakrishnan	Elsevier	19 May 2021
					

### Details of Research Grants:

Sl. No.	Project Name	Principal Investigator	Funding Agencies	Total Grants Received (INR)	Date(s)
1	Variability of the UV sky using UVIT onboard ASTROSAT	Dr Debbijoy Bhattacharya	DOS sponsored research program (RESPOND)	27,66,000.00	1 January 2021 to 31 December 2021
2	Study of emission mechanism of blazars in AstroSat era	Dr Debbijoy Bhattacharya	Indian Space Research Organisation (ISRO)	16,93,000.00	1 January 2021 to 31 December 2021
					

### Awards/Recognitions:

#### Faculty Members

Sl. No.	Name	Details	Date
1	Dr Vivek Pandi	Dr Vivek Pandi, Assistant Professor, won the second prize in a photography competition organized by the MSLS, MAHE, on the eve of the World Fungus Day celebration	4 October 2021

Photo Archive of Important events



Independence Day - 2021 Celebration at MCNS



General Radiation Awareness and Safety Program (GRASP-2021)



**XIII**

**MAHE,  
Bengaluru campus**

## MAHE, Bengaluru

MAHE, Off-Campus Centre at Bengaluru, Govindpura Village, BSF Campus, Yelahanka, Bengaluru -560064.

Phone No:9341255811

Office Email ID:deputyregistrar.blr@manipal.edu Email ID of the Head:pragna.rao@manipal.edu



Name of the Head : Dr Pragna Rao

Designation of the Head : Pro Vice Chancellor

**Details of Programs offered by the Institution**

### DEPARTMENTS/SCHOOLS

#### 1. Manipal Institute of Technology (MIT-BLR)

- BTech – Computer Science and Engineering
- BTech– Computer Science and Engineering (Artificial Intelligence)
- BTech – Information Technology
- BTech – Computer Science and Engineering (Cyber Security)
- BTech – Electronics and Communication Engineering

#### 2. Srishti Manipal Institute of Art, Design and Technology (SMI)

#### Bachelor of Vocational (BVoc)

- Creative Coding
- Creative Manufacturing
- Digital Media Production
- Digital Filmmaking
- Graphic Arts and Design Practices
- Interior Design and Build
- User Interface and Interaction Engineering

#### Bachelor of Design (BDes)

- Business Services and System Design
- Creative and Applied Computation
- Creative Education
- Human-Centred Design
- Industrial Arts and Design Practices
- Information Arts and Information Design Practices
- Public Space Design
- Visual Communication and Strategic

Branding

### **Bachelor of Fine Arts (BFA)**

- Contemporary Art Practice
- Creative Writing
- Digital Media Arts
- Film

### **Postgraduate Diploma Programs (PGDP)**

Bridge:

- Design Computation
- Earth Education and Communication
- Industrial Arts and Design Practices
- Information Arts and Information Design Practices
- Public Space Design
- Contemporary Art Practice

Finish:

- Animation
- Documentary Film
- Design in Education
- Experience Design
- Entrepreneurship for Impact

### **Master of Fine Arts (MFA)**

- Contemporary Art Practice

### **Master of Design (MDes)**

- Design Computation
- Design-Led Innovation
- Earth Education and Communication
- Heritage Design
- Human-Centred Design
- Industrial Arts and Design Practices
- Information Arts and Information Design Practices
- Public Space Design

### **Master of Planning (MPlan)**

- Urban Design, Sustainability and Conservation

### **Postgraduate Arts Programs (MA)**

- Animation
- Curatorial Practices
- Documentary Film
- Design Education
- Experience Design
- Entrepreneurship for Impact
- Visual Communication
- Public History
- Environment and Society
- Technology and Change
- Professional Practices

### **Integrated Postgraduate Doctoral Programs**

- Reimagining Transitions

### **Doctoral Programs**

- Art, Design and Transdisciplinary Studies

### **3. Manipal Institute of Regenerative Medicine (MIRM)**

- MSc (Stem Cell Technology and Regenerative Biology)
- MPhil (Stem Cell and Regenerative Biology)
- Advanced PG Diploma (Stem Cell Technology and Regenerative Biology)
- PhD – Regenerative Medicine

### **4. Manipal College of Health Professions MSc (Clinical Psychology)**

- MSc (Cardiovascular Technology)
- MSc (Medical Lab Technology)
- MSc (Renal Replacement Therapy)
- Master of Physiotherapy

## Srishti Manipal Institute of Art, Design and Technology (SMI)

### About Institution/School:

Srishti is a visionary, experimental and curatorial institute of design, media arts and sciences that offers design education at the undergraduate and postgraduate levels. Srishti, as an institute, constantly seeks out new areas to work in and new ways to work in them, offering our learners a perpetually changing environment to navigate through. This usually results in small to large innovations that help reveal, understand, communicate and resolve some of the contemporary questions, issues and concerns facing today's society and culture, today. Srishti promotes transdisciplinary platforms as modes of enquiry and creative action, not only within the disciplines of art and design but also in the social and natural sciences, business and law, to name a few. This fosters explorations in cultural and contextual diversity, nature, technology, community, commerce, the traditional and the avant-garde.

Srishti responds to the needs and opportunities as they emerge in the world. Design education remains the core activity, while our work and community extend into diverse areas of research, curation and practice. The nature of the institute draws artists, teachers, practitioners

and researchers from within India and across the globe to interact and share knowledge in emergent fields of art-science, design-business, technology, law and design, and research in other emerging cross-disciplinary areas. We also have many visiting artists and faculty from India and abroad as well, to engage in transdisciplinary modes of enquiry, thinking, doing and making. Towards this, Srishti endeavours to foster a "community of learners" among faculty, students, and staff.

### Responsibility, Ahead of the Curve

Srishti's curriculum is designed as a non-linear navigable structure to enable students to choose across diverse courses and activities. The curriculum is based on a capabilities system that transcends the particularities of programs and disciplines, fostering transdisciplinary and collaborative thinking and making. Srishti, through its curriculum, exposes students to contemporary issues and crises, global and local, and this includes engaging with and responding to the UN Sustainable Development Goals 2015 (SDGs). Srishti engages with the SDGs through immersing in local contextual concerns, as well as at the regional and global levels, through course units, projects and research areas.





## Institutional Activities/Curricular Activities

### New Initiatives:

Program/New Centre	Particulars	Date
Postgraduate programs - <b>Transdisciplinary Research</b>	The Transdisciplinary Research Unit focused on technical/professional research writing and dissemination in various formats such as journal papers, reports, news articles, etc. Aspiring practitioners worked on a written output for dissemination over the course of the unit based on work done in the previous semesters. Throughout the unit, they looked at various forms of research-based writing, reading and writing tools and methods, ways of analyzing and presenting data and information, and ethical research practices to support the process of developing a written output. This programmatic element is now instituted into the main curriculum, during cycle 2 of Semesters first, second and third, for PG students	1 September 2021 to 1 December 2021
New Center: <b>Odde Research Center</b>	“Odde” in Kannada means wet, humid, moist, soaked, and damp. It is a condition of being in the world. “Odde” is an everyday condition inhabited, negotiated, experienced, and worked with. In a wet imagination, nature and culture are intertwined, continually making and transforming one another. At Odde Research Center, the methodologies are focused on Design Research in Monsoon Terrains; they are immersive, and privilege conditions of wetness, to uncover narratives of landscapes and communities, and imagine new futures synchronous with environmental change. The centre activities move design thinking out of the institution into the field, pushing toward activating and catalyzing change. Art and design here initiate transdisciplinary approaches to reading complexities and contradictions on the ground in sensitive places. Here, design is a practice that stretches across inquiry, investigation and engagement in aqueous ecologies. The focus of Odde Research Center is an intertwining of immersive investigations in wet places and extensive practice-based experimental projects and the legacy of the Design+Environment+Law Laboratory (previously anchored in Srishti Institute). Odde Research Center is anchored by researchers Dr Deepta Sateesh and Dr Gururaja K V.	1 April 2021
New Center: <b>Story Lab</b>	Stories are perennial and will always be relevant to evolving societies and cultures. The story lab welcomes diverse types of practitioners to come and play with stories, pull them apart, stick them back, stretch and squash them and reorient their relevance and form. Media forms and technologies are constantly changing and advancing, and accordingly, stories, storytelling traditions and modes of reception need to be reshaped and re-appropriated. In this lab we mix and match forms, contexts and techniques to keep open the flow of inheritance and devolution, discovering new contemporary conversations and possibilities. The Story Lab is anchored by researcher Dr Sandeep Ashwath	1 April 2021
New Center: <b>Just Futures Co-Lab</b>	The Just Futures Co-lab acknowledges technologically mediated futures in the plural and as visions that are also structurally accessible and socially just in the present. We have come together to call this space a “co-lab” to make explicit in name and practice the anti-caste, anti-colonial, queer, and feminist processes and politics of collaborative and community-centred knowledge production and project making in and with the digital. Just Futures Co-Lab is anchored by Dr Naveen Bagalkot and Dr Kush Patel.	1 April 2021

Program/New Centre	Particulars	Date
New Center: Frugal Design DESIS Lab	<p>The Frugal Design Lab has evolved over the last 10 years exploring several ideas –grassroots innovations, craft communities, small-scale industry, old and new technologies and new ways of making. Through projects and workshops, we interact with a variety of people and organizations and we seek to question and refine the way we design things today. We envision new processes in design that use frugality as the core principle, not only for people who are constrained to adopt it but as a universal value, to develop frugality as an aesthetic, and to design sustainable and inclusive products and systems. Frugal Design DESIS Lab is a part of the international network - DESIS (Design for Social Innovation and Sustainability) Network <a href="https://www.desisnetwork.org/">https://www.desisnetwork.org/</a>. The Frugal Design DESIS Lab is anchored by researcher Naga Nandini Dasgupta.</p> <p><b>DESIS</b> is a no-profit and cultural association, with the purpose to promote design for social innovation in higher education institutions with design discipline to generate useful design knowledge and to create meaningful social changes in collaboration with other stakeholders.</p>	1 April 2021

#### All Other activities in the department relating to the program/course:

Program/Course	Particulars	Date
Media Arts and Sciences Program Cluster; Bachelor of Fine Arts, Digital Media Arts (DMA)	In the odd semester of 2021, starting in September, we planned to offer on-campus learning for 46 students in the second year of the DMA course. All students were expected to be back in college. DMA offered two studios to which students were assigned in cycle 1 and cycle 2. They had a list of workshops that they could choose from. The units offered in the studios were, Animation Basics, Character Design and Writing for Animation. The choice of workshops offered by DMA was Drawing for Animation and AEC Stereoscopy. DMA students could also choose from workshops offered by other courses like Film, Visual Communication, Strategic Branding, etc.\	1 January 2021 to 31 December 2021
Media Arts and Sciences Program Cluster; Bachelor of Fine Arts, Contemporary Art Practices (CAP)	In the odd semester of 2021, starting in September, we planned to offer on-campus learning and expected all students to be back in college. CAP offered several individual units which students chose through the Choice Based Navigation system. Some of the units offered were Introduction to Art History and Visual Culture, Exploring Wet Media, The Portrait Reconsidered, Assemblage/Collage/Montage/Bricolage, Image as reportage, Soft Sculpture, Everyday Life as Art Practice - A, Art History Movement-Pop. Around 10 students from the second year of the CAP course chose various units and workshops.	1 January 2021 to 31 December 2021
Media Arts and Sciences Program Cluster; Bachelor of Fine Arts, Film	The first batch of SMI students for the BFA programme completed their foundation studies and entered the second year in September 2021. The odd semester began on an upbeat note with excitement and relief at being able to return to campus for in-person classes. Students were introduced to their learning graph over the next two years. The Film course offered units such as Introduction to Film Technique, Introduction to Film Language, Field Recordings and Pocket Films, some of which formed the core learning for film students. In addition, they chose units from other courses in Srishti Manipal, through the Choice Based navigation system. Film and DMA faculty collaborated to offer a unit called the Moving Image Studio, geared for students who wished to be introduced to these two forms of the moving image. Apart from the 16 students majoring in Film, our units had 25 to 30 students from other courses of SMI. The in-person classes greatly helped students to reconnect with their making practice, allowing them to access camera sound and editing equipment on campus.	1 January 2021 to 31 December 2021

Program/Course	Particulars	Date
Media Arts and Sciences Program Cluster; Master of Arts, Animation and Visual Effects (MA AVX)	In the even semester of 2021, starting in January, we had four MA AVX students in their second semester. They were offered units like "Talking to People" and "Character Design" which helped them understand the social and cultural contexts of creating narratives. They had a disciplinary project where they learnt storyboarding and making animatic. The workshops brought crafts persons from across the country for online interaction with the students, ranging from leather puppets to vegetable dye cloth printing techniques. In the odd semester of 2021, we had five students who joined the first semester of the MA (Master of Arts course). They were offered units like "Visual Art Practices" and "Ways of Seeing", which helped them expand their image-making abilities. Four students in their second-year (third semester) developed an understanding of Animation Pre-Production processes and explored hands-on experimental and straight-ahead animation techniques as an introduction to animation production processes. Both the first-year and second-year students could choose to work with any one of the several labs and centres at Srishti Manipal as part of the Transdisciplinary Research for a period of 7 weeks in cycle 2. All semesters for the MA end with portfolio preparation and their semester-end performance of understanding is assessed.	1 January 2021
Media Arts and Sciences Program Cluster; Master of Arts, Creative Documentary Practice (2020)/ Documentary Film (2021)	The even semester for the batch admitted in 2020, to the MA in Art Practices (CDP pathway) began their second semester in January 2021 in a hybrid mode with some on-campus and some online learning. In cycle 1, we offered a research cum making studio called "Hidden and Unsaid", in which the inputs were in researching a possible documentary topic and conducting interviews with people. In addition, there were inputs in the camera and sound. For cycle 2, the film and animation faculty jointly offered a Transdisciplinary Research (TDR) for students within which there were some joint learning sessions, explorations with form and inputs in editing. The second wave of COVID interrupted the semester and it had to be suspended for some time. It resumed again in July 2021, with a disciplinary project, whereby students were expected to synthesise their learning throughout the semester. There are only two students in the Documentary Film course, and the Animation course has five students. So in September 2021, all the students did their cycle 1 together, with units such as "Understanding Film Technique and Image-making", "Media and methods". These were taught collaboratively by Film and Animation faculty. They also began engaging with the TDR projects on Wednesdays, familiarizing themselves with its context or theme. Cycle 2 was spent in the TDR project space. Second-year of the Creative Documentary Practice course had five students, who spent the semester getting ready for the capstone. We offered units such as "Documentary camera", "Developing an Idea", and "Editing the Documentary". For cycle 2 they chose TDR. Some students also chose topics for an independent study unit, that was guided by a film faculty member.	1 January 2021
Media Arts and Sciences Program Cluster; Master of Arts, Curatorial Practices	In the odd semester of the year 2021, we had three students who joined the first semester of the MA Curatorial Practices. They were offered units like "Curatorial Practices and Exhibition Histories", "Critical Writing" and "Exhibition and Spatial design". Through these units, they were able to engage the theory and practice of Curatorial studies. They delved into art history, both Indian and international, by studying some of the key art movements and exhibitions. They also studied the context of critical writing for the art context. Additionally, they were able to delve into installation art through the workshop that offered them an understanding of spatial design for installation practices. Furthermore, through the Transdisciplinary Research project over a period of 7 weeks in cycle 2, they were able to work with labs and centres at Srishti Manipal which expanded their perspective. All semesters for the MA end with portfolio preparation and their semester-end performance of understanding is assessed.	1 January 2021

Program/Course	Particulars	Date
Media Arts and Sciences Program Cluster; Master of Fine Arts (MFA), Contemporary Art Practice	One of the MFA students from the second semester enrolled in a studios "Immersion to Practice" (cycle 1) and Context and Space (cycle 2) followed by Theory and Understanding and a Self-directed research Inquiry. The MFA offered units like "Making and Concept" followed by an independent study titled "Gender and the Arts - Sexing the Canvas". There was a strong emphasis on gender as a theme for exploration. This theme continued into a disciplinary project titled "Feminist/Womanist/Intersectional".	1 January 2021
Media Arts and Sciences Program Cluster; Bachelor of Vocation, Contemporary Art Practice	One of the MFA students in the second semester enrolled in a studio "Immersion to Practice" (cycle 1) and Context and Space (cycle 2) followed by Theory and Understanding and a Self-directed research Inquiry. The MFA offered units like 'Making and Concept' followed by an independent study titled "Gender and the Arts - Sexing the Canvas". There was a strong emphasis on gender as a theme for exploration. This theme continued into a disciplinary project titled "Feminist/Womanist/Intersectional". In the odd semester of the year 2021, we had one student who joined the MFA. We combined the class with the Curatorial Practice students and they did "Context and Space" with an emphasis on Contemporary Indian art history, with afternoons devoted to their own practical work in the MFA studio space. For the unit "Theory and Understanding", the focus was on "Ways of Seeing" for the first year which helped them expand their image-making abilities. For the second-year student, it was Ecology and representation for the which introduced them to environmental issues. The Transdisciplinary Project (TDR) was offered by the MFA, Contemporary Art Practices (CAP) faculty, and Visiting Faculty in the specialized field of textile and dyeing. Both students of the first year and second year did this combined TDR. All semesters for the MFA end with portfolio preparation and their semester-end performance of understanding is assessed.	1 January 2021
Media Arts and Sciences Program Cluster; Bachelor of Vocation, Digital Media Production (DMP) – VFX and Game Design	In the even semester, starting January 2021 in DMP we offered on-campus learning units for four students of VFX in the second semester. These units were "Compositing – 2" and "3D worlds – 1". The three students of DMP Game design in the second semester were offered "Writing for Games" and "Game prototyping". All these students had 2 weeks of industry exposure where they interacted online with industry professionals from Girgit Studios - Pune and Firefly Creative Studio - Hyderabad. They visited the studios "Holy Cow Productions" and "Digital Jalebi" in Bangalore. In the odd semester of the year 2021 starting in September various units were taught on campus. DMP VFX offered "Pre-production" and "Compositing – 1" to one student in the first semester. This was taught on-campus. For the five students in the third semester of DMP VFX, we offered the units "3D Worlds – 2" and "Dynamics – 1". For the two students in the third semester of DMP Game Design, we offered the units, "Advanced Game Design", "Designing experimental Games" and "Game Jam". In both semesters they had a set of electives that they could choose from. They also had language, portfolio and holistic education through both semesters, along with a three-week culminating project at the end of each semester.	1 January 2021
Media Arts and Sciences Program Cluster; Bachelor of Vocation, Digital Film Making	In the even semester, starting January 2021 in DFM we offered on-campus and hybrid learning units for four students of DFM in the second semester. These units were in the bootcamp mode for the duration of one week – Basics of Camera, Sound Recording, Editing, Screenplay Writing, Shot Breakdown, Direction and Production Design. All these students had two weeks of industry exposure where they had online interactive sessions with industry professionals like Ranjan Das, Batul Mukhtiar and George Antony (Kadhai Films). In the odd semester of the year 2021 starting in September, all units were taught on campus. DFM offered "Fundamentals of Film – Fiction and Non-fiction" to three students in the first semester. In DFM – Direction and Editing, the four students of the third semester, were offered the units "Representing Reality", "Engaging with Reality", "Mise-en-scene" and "Mise-en-scene Shoot". In both semesters, they had a set of electives that they could choose from. They also had language, portfolio and holistic education through both semesters, along with a three-week culminating project at the end of each semester.	1 January 2021

Program/Course	Particulars	Date
Media Arts and Sciences Program Cluster; Bachelor of Fine Arts, Digital Media Arts	In the odd semester of the year 2021, starting in September, we planned to offer on-campus learning for 46 students in the second year of the DMA course. All students were expected to be back in college. DMA offered two studios to which students were assigned in cycle 1 and cycle 2. They had a list of workshops that they could choose from. The units offered in the studios were, "Animation Basics", "Character Design" and "Writing for Animation". The choice of workshops offered by DMA were "Drawing for Animation" and "AEC Stereoscopy". DMA students could also choose from workshops offered by other courses like Film, Visual Communication and Strategic Branding etc.	1 January 2021
Law, Environment and Planning Program Cluster; Bachelor of Design – Public Space Design, and Informational Arts and Information Design Practices	At the Undergraduate Professional Practice Program in the Even Semester of the academic year 2020-21 we conducted Interdisciplinary Studios. The focus of this semester was Practice as Research - Investigating the nuances of practice. These studios were constructed to delve deeply into questions of practice. Navigating attitudes, reflective approaches, and nuances of the practice, each studio will look at research into the craft, beingness, and the making of oneself through practice. Some look at conceptual areas of practice, others look at craft and skill in practice. Practitioners and aspiring practitioners will together dwell on the meaning of practice by engaging in the continuous making, documentation, reflection, conversation, debates and pondering about making together. General Studies– Discourse: Faculty constructed writing and research practices around the larger studio theme – Practice as Research.	1 January 2021
Law, Environment and Planning Program Cluster; Master of Design - Earth Education and Communication (EEC); Master of Design - Heritage Design, Planning and Management (HDPM); Master of Design - Information Arts and Information Design Practices (IAIDP); Master of Design - Public Space Design (PSD); Master of Planning - Urban Design, Sustainability and Conservation (UDSC)	At the Postgraduate Professional Practice and the Integrated Master's-PhD programs, we conducted Interdisciplinary/transdisciplinary Studios. The focus of this semester is Practice as Research - Investigating the nuances of practice. These studios were constructed to delve deeply into questions of practice. Navigating attitudes, reflective approaches, and nuances of the practice, each studio will look at research into the craft, beingness, and the making of oneself through practice. Practice at the meeting point of culture, community, co-creation, and context is layered and requires sensitivity, empathy, thoughtfulness, listening and perceptivity. Some look at conceptual areas of practice, others look at craft and skill in practice, and still, others look at complex contexts in which practice emerges at the intersection of many lives, events and experiences. At the master's level, practice must be contemplated and emerged through all these dimensions. Practitioners and aspiring practitioners will together dwell on the meaning of practice by engaging in conversations, collaborations, continuous making, documentation, reflection, debates and pondering about making together in/ with context-sensitivity. The studio design was planned around the following units: Narratives, Immersion and Information -B (IAIDP); Positions, Paradigms and Perspectives 1 – B (EEC); Unfolding and forging Systems of Resilience, Integrated Master's-PhD in Reimagining Transitions (I-MDes-PhD RT); Collective Stories (IAIDP PGDP); Mine, Yours, Ours (PSD); Communities and Development (UDSC). The Studio was finally opened up to all programs. Keeping core ideas of the studio, one unit was chosen to deepen the practice.	1 January 2021

Program/Course	Particulars	Date
Design, Business & Technology Program Cluster; Bachelor of Design courses - Business Services and System Design, Business Systems & Services Design, Creative & Applied Computation, Creative Education, Human Centered Design, Industrial Arts and Design Practices, Visual Communication and Strategic Branding	The year started in the middle of the pandemic and all educational institutions were closed for on-campus classes. This meant we had to design a new kind of studio that would work online, with synchronous and asynchronous units. This involved extensive preparation and planning of resources and packs. The studio was constructed as an interdisciplinary and collaborative space with several learning units within it. It was prefaced by Prepare sessions and most evenings had Upskill sessions to complement the different studios. Faculty worked together using online collaboration tools like Miro. The design of the studios evolved through iterations and reflections on what a studio could be. Studios are spaces for thinking, play, building knowledge and contemplation. The facilitator becomes the director of these different modes and helps to regulate the flow between a useful sense of confusion and “ulat” and the sense-making through more practical and hands-on engagements. They are spaces for second thoughts, inquiring into the obvious and inquiry. The pandemic led to a lot of questioning of the “business as usual”. Each individual’s world and surrounding became their context. Some big ideas that emerged were: New forms of creativity emerge in times of crisis: Shifts at one systemic level release resources at another level and scale; Art and cultures are healers in confinement and isolation; Re-elevating the more than the human world: Interconnectedness is the imperative now; A “touch” less world also offers multiple and novel affordances; The ‘designed’ has politics; We can be drivers of active peace by nurturing inclusivity and ideas such as cooperatives, commons etc. Twelve studios were offered for students to sign-up for any one of their choices across cycles 1 and 2 during the even semester of 2021.	1 February 2021
Design, Business and Technology Program Cluster; Bachelor of Design courses - Business Services and System Design; Business Systems and Services Design; Creative and Applied Computation; Creative Education; Human Centered Design; Industrial Arts and Design Practices; Visual Communication and Strategic Branding	For the even semester of the year 2021, instead of each program dean assigning teaching responsibilities to their respective faculty, we opened up the entire list of studios on offer for the semester and asked the faculty to indicate which studio they would like to facilitate. This system of self-allocation of teaching responsibility was very well received and we saw an unusual mix of faculty members with different skill-sets coming together to collaborate with others and facilitate a studio of their choice. Due to the COVID lockdown, all studios were offered mostly online except for a couple of weeks in between when the college opened up for on-campus classes.	1 February 2021
Design, Business and Technology Program Cluster, Master of Design; Master of Arts	In the even semester, second-year students went on to do their Capstone projects with mentors. Most of them were off-campus. First-year students joined studios by choice. Both Theory and Understanding and Upskill sessions were embedded within the Studio. Workshops were offered centrally.	1 January 2021

## Details of Guest Visit (Lectures, Collaborations, Visitors on Campus):

### Guest Lectures:

Visitor Name	Name of the Organisation	Purpose of Visit	From
Havells team	Havells India	Collaboration with Havells - Fully charged, Completely Monitored	7 January 2021 to 1 July 2021
Merz Akademie team	Merz Akademie	Collaboration with: Joost Botema. Online course "Structures and Patterns in Authorship in Design" offered to students from Merz Akademie, Stuttgart and Srishti Manipal, Bangalore.	1 October 2021 to 31 December 2021
Dr Amit Sharma, Assistant Professor of Curriculum and Pedagogy	District Institute of Education and Training, Daryaganj, Delhi.	Studio (Odd semester, Cycle 1): "Beauty in (within) difference(s)"	2 October 2021
Mr Mohan Kumar, CEO	Plastic Flexibles	Master class - Plastic Packaging Industry: Current Trends and Future of Packaging, as part of the UG Semester 8 Project: Green Packaging project	2 October 2021
Ms Tamanna Ahmad, Conservation Researcher	Wildlife Conservation Trust	Master class - PG second-year Studio: Design and Development to share their insights into their highly successful "Heater of Hope" campaign with our students	NIL

### Details of Publications

Indexed	National		International	
	Non - Indexed	Indexed	Non - Indexed	Indexed
3	10	8	3	

### Conferences Attended by Institution Faculty and Students

Faculty		Student	
National	International	National	International
15	13	0	0

### Details of Conferences/Workshops Conducted by the Institution

Particulars	National	International
Workshop	13	5
Webinars/Seminars	2	14
Talks	2	14

## Awards / Recognitions:

### Faculty Members:

Name	Details	Date
Ritu Sonalika	Toycathon 2021 by Ministry of Education - Finalist (Physical Category). Toycathon 2021 is an inter-ministerial initiative organized by the Ministry of Education's Innovation Cell with support from the All India Council for Technical Education, Ministry of Women and Child Development, Ministry of Commerce and Industry, Ministry of MSME, Ministry of Textiles and Ministry of Information and Broadcasting.	31 December 2021
Ritu Sonalika	Received IDC Distinguished Alumni Award 2020, IDC IIT Bombay (due to the pandemic the award and Distinguished Alumni talk happened in 2021) The IDC Awards are to recognize 50 years of work of IDC Alumni and their contribution to the field of design. The award is given to an IDCian who has created design awareness, mentored and stood his/her own ground 'for a considerable amount of time'. <a href="http://www.idc.iitb.ac.in/awards/winners_2020.html">http://www.idc.iitb.ac.in/awards/winners_2020.html</a>	31 December 2021
Sudebi Thakurata	Chosen as one of the five Global Innovators for Innovator Think Tank 2021 for International Teaching Artists' Collaborative (ITAC) to work on Future Literacy, Fluency, Competency and Consciousness.	31 December 2021
Pooja Jain	Won "Young Achiever Award 2021" for research publication titled "Myths prevailing in Indian Advertising" in the International Journal of Scientific and Technology Research. Award is given by InSc Bangalore (Institute of scholars) in August 2021.	31 August 2021
Pooja Jain	Awarded as "Young Women Researcher in Advertising" under Humanities and Social Science Discipline, given by Venus International Foundation Chennai at the sixth Venus International Women Awards (VIWA), February 2021.	28 February 2021
Geeta Pandey	"Green Textiles- A Sustainable Future," was awarded the best paper in Material Science Category. Paper presented at thirteenth National Women's Science Congress conference, Bangalore.	21 November 2021

### Students:

Name	Details	Date
Elza D'Cruz, Doctoral candidate, SMI-MAHE	Routledge/Round Table Commonwealth Studentship Award 2021-22. <a href="https://www.acu.ac.uk/funding-opportunities/for-students/fellowships/routledgeround-table-commonwealth-studentships/">https://www.acu.ac.uk/funding-opportunities/for-students/fellowships/routledgeround-table-commonwealth-studentships/</a>	1 September 2021

### Photo Archive of Important Events

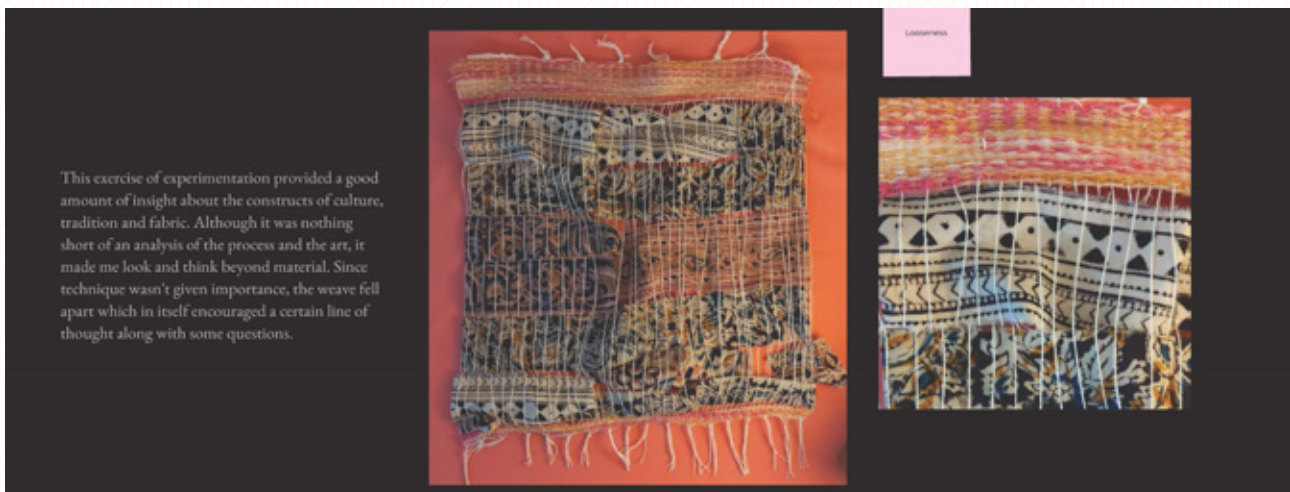


Maker spaces, SMI



Fieldwork, Srirangapatna, UNESCO Chair studios, SMI





“Thinking Through Making”, Transdisciplinary Research (PG program), Odde Research Center, SMI



Greenscreen, Bachelor of Vocation, Digital media production

## Manipal Institute of Regenerative Medicine (MIRM)

### About Institution/School:

Manipal Institute of Regenerative Medicine (MIRM) was established in 2007 with the aim to generate a trained workforce to cater to the emerging field of Stem Cell Technology. Over the years, MIRM has emerged as an organization amalgamating a strong classroom and laboratory-based postgraduate teaching program with an excellent doctoral and postdoctoral research program in Stem Cell Technology and Regenerative Biology. MIRM has a good infrastructure for doing advanced research in the field using funds from MAHE.

MIRM has been approved and formalized by Institutional Committee for Stem Cell Research (IC-SCR) by the ICMR, Government of India for a period of three years. MIRM has revised the syllabus for postgraduate students and the new syllabus has a significantly higher content on research project-based education. The field of Tissue Engineering has been included in the curriculum for the first time. MIRM faculty members have broad interdisciplinary expertise to teach and conduct research in the fields of Developmental Biology, Human Disease Modelling, Neurobiology, Cancer

Biology, Immunology, and Tissue Engineering. Postgraduate students are mentored by the faculty members on a one-to-one basis to either take up a challenging job in the healthcare sector or pursue further research interests within MIRM

(Dr TMA Pai Fellowship PhD Program) or other institutes of national and international repute. The curriculum and grading system of MIRM is recognized by most reputed universities across the globe.

### Institutional Activities/Curricular Activities

All Other activities in the department relating to the program/course:

Program/Course	Particulars	Date
Celebration of National Science Day	The National Science Day program was organised on 27 February 2021 at MIRM, Bengaluru. Eminent guest speaker Dr Maneesha Inamdar, Professor, Jawaharlal Nehru Centre for Advanced Scientific Research, Bengaluru has delivered a special guest lecture. Around 75 students participated in the program.	27 February 2021

### Details of Guest Visit (Lectures, Collaborations, Visitors on Campus):

#### Guest Lectures:

Visitor Name	Name of the Organisation	Purpose of Visit	Date
Dr Maneesha Inamdar	Jawaharlal Nehru Centre for Advanced Scientific Research, Bengaluru	Special Guest Lecture	27 February 2021
Dr Murugan Ramalingam	Vellore Institute of Technology, Vellore	Guest Lecture	18 June 2021
Dr Urmi Bandyopadhyay	Memorial Sloan Kettering Cancer Centre (MSKCC), NY, US	Guest Lecture	29 September 2021
Dr Vidya Niranjana	R V College of Engineering, Bengaluru	Guest Faculty	4 October 2021
Dr Chandan Goswami	National Institute of Science Education and Research, Bhubaneswar	Guest Lecture	16 December 2021

#### Details of Publications:

National		International	
Indexed	Non - Indexed	Indexed	Non - Indexed
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#### Conferences Attended by Institution Faculty & Students:



Faculty		Student	
National	International	National	International
4	5	1	7

#### Details of Conferences/Workshops Conducted by the Institution:

Category	National	International
Seminar	4	--

## Details of Research Grants:

Sl. No.	Project Name	Principal Investigator	Funding Agencies	Total Grants Received (INR)	Date(s)
1	Development of potent anti-angiogenic small peptides Wnt inhibitor, CSC201, as powerful anti-tumorigenic drug compounds using stem cell-derived, blood vessel organoids	Dr Sudha Warriar	ICMR, New Delhi	25,03,500/-	15 December 2021 to 14 December 2024
					
2	Role of P21-activated kinase-1 in the regulation of proteotoxicity induced endo-lysosomal pathology in the cellular models of Alzheimer's disease	Dr Sangeeta Nath	SERB, New Delhi	18,39,000/-	29 December 2021 to 28 December 2023
					
3	Lysosomal pathology in relation to translocation of PAK1, synaptic dysfunction, and modulation of membrane actin protrusions: in Alzheimer's patient-derived iPSC model	Dr Sangeeta Nath	ICMR, New Delhi	15,49,618/-	15 September 2021 to 14 September 2024
					
4	Fabrication of synthetic and biological material based on 3D uterine myometrial tissue patches	Dr Manasa Nune	SERB, New Delhi	2,00,000/-	21 September 2021 to 27 February 2022
					
5	Exploring the molecular mechanism underpinning arterial calcification in ADCC/CALJA (a rare disease marked by NTSE gene mutations) by CRISPR-CAS9 mediated gene editing	Dr Jyothi Prasanna	ICMR, New Delhi	11,70,723/-	4 August 2021 to 13 August 2023
					

Sl. No.	Project Name	Principal Investigator	Funding Agencies	Total Grants Received (INR)	Date(s)
6	Investigating the role of USPI deubiquitinase in generating matured insulin-producing B-cells using iPSC based model system 	Dr Anujith Kumar	ICMR, New Delhi	18,91,341/-	22 March 2021 to 21 March 2024
7	In-depth evaluation of Mesenchymal stem cells from Oral precancerous Lesions and OSCCs towards the development of novel treatment strategies aimed at the manipulating the stromal networks in the tumorigenic niche 	Dr Vineetha Christopher	ICMR, New Delhi	7,19,360/-	6 April 2021 to 5 April 2024

#### Awards / Recognitions:

#### Faculty Members:

Sl. No.	Name	Details	Date
1	Dr Manasa Nune	Received the second prize for the paper titled "Design of Multifunctional Biomaterials for the Application in Peripheral Nerve Regeneration" at the 4th International Conference on Recent Trends in Bioengineering (ICRTB 2021), organized by MIT School of Bioengineering Sciences and Research, Pune (MITBIO).	12 February 2021 and 13 February 2021
2	Dr Sangeeta Nath	Conferred with Guest editor in the Journal Frontiers in Molecular Neuroscience in collaboration with Dr Dean Pountney and Professor Jiri Neuzil of Griffith University, Australia ( <a href="https://www.frontiersin.org/research-topics/26434/long-range-intercellular-transfer-exosomes-and-tunneling-nanotubes-in-neurological-diseases">https://www.frontiersin.org/research-topics/26434/long-range-intercellular-transfer-exosomes-and-tunneling-nanotubes-in-neurological-diseases</a> ).	1 December 2021

#### Students:

Sl. No.	Name	Details	Date
1	Michelle Abraham and Mahima Bhat	Received the second prize for the paper titled "Design of Multifunctional Biomaterials for the Application in Peripheral Nerve Regeneration" at the 4th International Conference on Recent Trends in Bioengineering (ICRTB 2021), organized by MIT School of Bioengineering Sciences and Research, Pune (MITBIO).	12 February 2021 and 13 February 2021

Sl. No.	Name	Details	Date
2	Ms Aishwarya Nagarajan	Shortlisted for Dr TMA Pai Researcher Award for the paper titled "Engineering multifunctional biomaterials for stimulating remyelination of Schwann Cells in Peripheral demyelinating diseases" at the 31st Annual SBAOI meeting and 14th STERMI annual meeting and international conference on Biomaterial-based Therapeutics, Engineering and Medicine (BIOTEM-2021)	20 December 2021
3	Dr Nasera Rizwana	Shortlisted for Dr TMA Pai Researcher Award for the paper titled "Design and optimization of 3D bioprinting of PVA-Schwann cells based bioink for peripheral nerve tissue engineering" at the 31st Annual SBAOI meeting and 14th STERMI annual meeting and International conference on Biomaterial-based Therapeutics, Engineering and Medicine (BIOTEM-2021)	20 December 2021

### Photo Archive of Important Events



First place in MSc - Merit Award received by Ms V Nivedha



Second place in MSc - Merit Award received by Ms N Sakura Preeti



Professor Maneesha Inamdar has delivered a special guest lecture on National Science Day

## Manipal Institute of Technology, Bengaluru

### About the School

Manipal Institute of Technology (MIT) Bengaluru, established in the year 2021 is an off-campus of Manipal Academy of Higher Education (MAHE) (an Institution of Eminence & Deemed to be University). The campus is sprawling in a large land space of about 125 acres with state-of-the-art infrastructure and soon going to be one of the premier Technical institutions of modern India in a beautiful clement climatic condition over the years. MIT Bengaluru is the new flagship engineering institute of the prestigious MAHE located in Bangalore, the Silicon Valley and Infotech capital of India. Being a metropolitan city, Bengaluru is well connected with all foreign countries and states of India. Students from all over the country and abroad prefer to pursue their higher education in Bengaluru and MIT Bengaluru is already having students from pan India and abroad.

MIT Bengaluru started five BTech Engineering programs in streams of Computer Science and Engineering, Artificial Intelligence, Cyber Security, Information Technology, and Electronics and Communication. All the programs are approved by the All India Council of Technical Education (AICTE), MHRD, Government of India.

There are immense academic potential and aspirations for the bright students taking admission to MIT Bengaluru for placement in reputed Industries, doing their higher education, one/two semester study programs abroad, study tours, and internship programs in reputed Industries and foreign institutions. With well qualified and experienced faculty and state-of-the-art infrastructure, MIT Bengaluru has made a great beginning in providing quality education to aspiring students.

### Institutional Activities/Curricular Activities

#### New Initiatives:

Particulars	Date
<b>BTech in Computer Science and Engineering</b>	
BTech program in Computer Science and Engineering offers core courses in Data Structures and Applications, Database Systems, Design and Analysis of Algorithms, Compiler Design, Parallel Computer Architecture and Programming. There are minor specializations in emerging areas of computer science. The program offers a wide range of program electives and open electives. Computer Vision, Augmented and Virtual Reality, Game Programming, Soft Computing Paradigms, and Cloud Computing are some of the elective courses. The Computer Science and Engineering department is in the process of setting up the Data Structures Lab, Object Oriented Programming Lab, Database Systems lab, Computer Networks lab, and Parallel Programming Lab, just to name a few. Besides, the department is continuously interacting with Industry Experts to organize expert webinars, workshops, and hackathons so as to benefit all the students.	1 October 2021

**Particulars****Date****BTech in Computer Science and Engineering (Artificial Intelligence)**

BTech program in Computer Science and Engineering with specialization in Artificial Intelligence (BTech CSE(AI)) offers core courses in Data Structures and Applications, Artificial Intelligence, Database Systems, Design and Analysis of Algorithms, Artificial Neural Network, Computer Vision, Machine Learning, Deep Learning, Big Data Analytics etc. There are also minor specializations along with a wide variety of program electives and open electives. BTech in CSE(AI) program offers elective courses such as Image Analysis, Autonomous Systems, Internet of Things, Cognitive Systems, Human-Computer Interface, Logical AI, and Knowledge Representation just to name a few. The Computer Science and Engineering department is in the process of setting up a Data Structures Lab, Object Oriented Programming Lab, Database Systems lab, Artificial Neural Network Lab, Big Data Analytics Lab, and Machine Learning Lab to support this program. Besides, the department is continuously interacting with Industry Experts to organize expert webinars, workshops, and hackathons so as to benefit all the students.

1 October  
2021**BTech in Computer Science and Engineering (Cyber Security)**

BTech in Computer Science and Engineering with specialization in Cyber Security covers computer science and cyber security. Computer Science is a broad field that involves the study of computers and computing. Cyber security, a subfield of computer science, involves protecting networks, systems, and programs from digital hacks. In order to do this work, cyber security specialists rely on their deep understanding of computers and networks.

1 October  
2021

BTech program in Computer Science and Engineering with specialization in Cyber Security (BTech CSE (Cyber Security)) offers core courses in Data Structures and Applications, Database Systems, Embedded Systems, Design and Analysis of Algorithms, Number Theory and Cryptography, Applied Cryptography, Computer Networks, Cyber Security Principles. There are also minor specializations along with a wide variety of program electives and open electives. BTech in CSE(Cyber Security) program offers elective courses such as Software Engineering, Compiler Design, Distributed Systems, Advanced Computer Networks, Android Application Development, Ethical Hacking and Cyber Security, Data Warehousing and Advanced Data Mining, Deep Learning, Cognitive Systems, Robotics and Intelligent Systems, Social Network Analysis, Digital Image Processing, Wireless Networks, Software Defined Networks, Cryptanalysis, BlockChain Security, Mobile Security and Privacy, Parallel Computer Architecture and Programming.

The Information Technology department is in the process of setting up the Data Structures Lab, Object Oriented Programming Lab, Database Systems lab, Number Theory and Cryptography Lab, Cyber Security Lab, Network Programming and Simulation Lab, Operating Systems Lab, Applied Cryptography Lab to support this program. Besides, the department is continuously interacting with Industry Experts to organize expert webinars, workshops, and hackathons so as to benefit all the students.

**BTech in Information Technology**

The BTech UG program in Information Technology syllabus is a mix of theory and practical knowledge. Professionals in Information Technology are adept at the latest new technologies, arriving at the most optimal solutions for any technological problems that might occur, whether small or large.

1 October  
2021

BTech program in Information Technology offers core courses in Data Structures and Applications, Database Systems, Design and Analysis of Algorithms, Formal Languages and Automata, There are minor specializations in emerging areas of computer science. The program offers a wide range of program electives and open electives. Computer Vision, Augmented and Virtual Reality, Game Programming, Soft Computing Paradigms, and Cloud Computing are some of the elective courses. The Information Technology department is in the process of setting up a Data Structures Lab, Object Oriented Programming Lab, Database Systems lab, Computer Networks lab, Embedded systems Lab, Operating systems Lab, Internet Technology Lab, and Distributed Systems Lab just to name a few. Besides, the department is continuously interacting with Industry Experts to organize expert webinars, workshops, and hackathons so as to benefit all the students.

**BTech in Electronics and Communication Engineering**

Particulars	Date
<p>The BTech UG program in Electronics and Communication Engineering (ECE) offers core courses in Analog Electronics, Digital Electronics, Signal and Image Processing, Analog and Digital VLSI, Communication Systems, Microprocessors, Integrated Circuits and Microwave Engineering. Besides, BTech in ECE also offers a wide range of elective subjects on Image Processing, Speech Processing, Computer Vision, Future Generation Communication Systems (5G and beyond), Internet of Things, and Machine Learning. The ECE department is in the process of setting up an Electronics hardware laboratory, Signal Processing Laboratory, Communication Network Laboratory, VLSI Laboratory, Microprocessor Laboratory and Communication System Laboratory with state-of-the-art equipment. The department will also invite industry experts to deliver lectures on emerging areas of semiconductors, microprocessors, signal processing and communication.</p>	1 October 2021
<p>MIT organized an online expert talk on the subject of outcome-based education on the topic "Fundamental Concepts of Outcome-Based Education". The speaker Mr Gaurav Prasad explained the outcome-based education (OBE) and how to prepare the course outcomes and program outcomes, continuous quality improvement etc. In his expert lecture, he delivered the advantages of OBE in professional education and explained in-depth traditional model teaching and cognitive models. He has also shared his experiences of research. All the faculties enthusiastically attended the lecture and interacted with him.</p>	28 October 2021 
<p>MIT organized an online expert talk on the subject of outcome-based education on the topic of "Attainment Calculation Using Tools". The speaker Mr Gaurav Prasad explained the outcome-based education and how to prepare the course outcomes and program outcomes, continuous quality improvement etc. In his expert lecture, he delivered the advantages of OBE in professional education and explained in-depth traditional model teaching and cognitive models. He has also shared his experiences of research. All the faculties enthusiastically attended the lecture and interacted with him.</p>	9 December 2021 
<p>MIT organized an online expert talk on women's grievance topic of "Prevention of Sexual Harassment". The speaker Ms Latha Holla explained the kind of complaints which comes under the internal committee and dealing with such kinds of complaints, and also discussed the different criteria for lodging the complaints. She explored different kinds of symbols which define the criteria of the crime in that topic. She had also shared her experiences in that subject. All the faculties had attended the talk and interacted with her.</p>	27 November 2021 
<p>In connection with the National Energy Conservation Day on 14 December 2021, the Social Media and Society Connect Committee of MIT Bengaluru organized an online debate competition for MIT Bengaluru students. The debate competition was on the thrust area "Retrofitting Old Vehicles". All the mentors were requested to circulate the same among their respective mentees. Mr Hrishit Dhoka, Mr Soham Chakrabarti, Mr Sahithya, Mr Sarthak Jaryal, Mr Achyut Aryan, and Ms Aaraddhaya Khare were the interested students who were split into two groups as per their inclination toward For or Against the topic. The debate competition would be conducted on 22 January 2022 after the segregation of teams during mentor-mentee meetings. The best team was awarded.</p>	14 December 2021 
<p>National Pollution Prevention Day:  Online Poster, Anime, and Drawing Competition for MIT Bengaluru students.  Theme: Preventing and Reducing Air Pollution.</p>	2 December 2021 



### Details of Guest Visit (Lectures, Collaborations, Visitors on Campus):

Visitor Name	Name of the Organisation	Purpose of Visit	Date(s)
Dr Raghupathi C N, Senior Advisor	Infosys	Industry-Academia Talk-1: Topic: Kal Aaj Kal. The History and Forecast MS Team (Online)	23 October 2021
Dr K Ramnarayan, Chairperson	Manipal University Jaipur and Former Vice Chancellor, MAHE	Industry-Academia Talk-2, Topic: Articulate with Aplomb: Public Speaking Skills MS Team (Online)	30 October 2021
Mr Devesh K Hegde, CEO	FlyCamp, Bangalore	Industry-Academia Talk-3, Topic: Drones and our Future in the Skies MS Team (Online)	13 November 2021
Mr Adarsh Lathika, Head -Strategic Partnerships and Alliances	Manipal Global Education Services	Industry-Academia Talk-4, Topic: Building transdisciplinary skills MS Team (Online)	27 November 2021
Mr Satish G, Head -PreSales	Littlemore Innovation Labs	Industry-Academia Talk-5, Topic: Transforming University Examinations like never before – MS Team (Online)	4 December 2021
Mr Ramesha B S, Senior Manager Academic Initiatives	Altair	Industry-Academia Talk-6 Topic: 1. Introduction to Altair and Its Learning Platform: Altair University 2. Introduction to Math and Systems, Altair Compose-A scripting platform for OML, Python, and R 3. Overview of Data Science and Machine Learning MS Team (Online)	11 December 2021
Mr Manoj K V, Technical Specialist			
Mr Ashraff D Sankanal, Data Scientist			

### Guest Lectures:

Sl. No.	Visitor	Name of the Organization	Purpose of Visit	Date of Visit
1	Mr Devesh Hegde	CEO, FlyCamp, Bangalore	Collaborations, Visitors on Campus	1 December 2021
2	Dr Raghupathi C N	Senior Advisor, Infosys	Collaborations, Visitors on Campus	

### Details of Publications:

National		International	
Indexed	Non - Indexed	Indexed	Non - Indexed
0	0	3 (Scopus)	0

**Conferences Attended by Institution Faculty & Students (in Numbers): 8 conferences**

National	Faculty		Student	
	National	International	National	International
0	0	8	0	0

**Awards/Recognitions:**

**Institution (Including "The Best Teacher Award" for the year):**

Name	Details	Dated on
Dr N V Subba Reddy	First International Conference on AICECS-2021, The research paper entitled "Cardiac Disease Prediction using Supervised Machine Learning Techniques"	22 November 2021
Dr Ujjwal	Publications in RSC Advances have been selected as Manipal Centre for Infectious Diseases (MAC ID), title: "Thread integrated smart-phone imaging facilitates early turning point colorimetric assay for microbes"	19 November 2021

**Students:**

	Name	Details	Dated on
Computer Science and Engineering	1. Sai Harishini, 2. U Charitha Sathish, 3. Pradyota Kirthkar	Certificate of Excellence awarded from Business Idea Competition, MAHE	10 December 2021

## Manipal College of Health Professions, Bengaluru

**About the Department /School:**

The Manipal College of Health Professions (MCHP), MAHE was established in 1999 as the first institution in India exclusively dedicated to the education of allied health professionals. The school envisions training healthcare professionals who can create a difference in the quality of life of individuals, both physically and mentally.

The MCHP has been successfully running a postgraduate Physiotherapy program in Bengaluru since 2010. The Department of Physiotherapy, MCHP, Bengaluru is located at

Manipal Hospital Bengaluru (HAL Old Airport Road) which is a 750 bedded hospital of international repute.

The faculty of the Physiotherapy Department at the Bengaluru campus is actively involved in research and funded projects. The department regularly conducts National and International workshops. In the last 10 years department has published 80 scientific articles in Scopus Indexed Journals and received grants worth 76 lakhs INR from the Department of Science and Technology, Government of India and Biotechnology Industry Research Assistance Council (BIRAC).

## Institutional Activities/Curricular Activities

### New Initiatives:

Department	Program/New Centre	Particulars	Dates
MSc Clinical Psychology	MCHP, Bengaluru	--	4 October 2021
MSc MLT	MCHP, Bengaluru	--	4 October 2021
MSc RRT and DT	MCHP, Bengaluru	--	4 October 2021

### Details of Publications:

National		International	
Indexed	Non-Indexed	Indexed	Non-Indexed
7	0	0	0

### Conferences Attended by Institution Faculty & Students:

Faculty		Student	
National	International	National	International
0	2	0	0

### Details of Conferences/Workshops Conducted by the Institution

Particulars	National	International
Conference	0	2

### Details of Research Grants:

Project Name	Principal Investigator	Funding Agency	Total Grants Received (INR)	Dates
Effect of Yoga in Telomere length in Type II Diabetes Mellitus - A Randomized Controlled Trial.	Dr Prem V	DST India	1,45,800/-	
Comparison of yoga in dynamic neuromuscular stabilization on multifidus muscle using MRI in chronic low back pain – A Randomized controlled trial.	Dr Prem V	DST India	18,50,060/-	
Enabling functional mobility through advanced gait analysis and virtual reality.	Dr Prem V and Dr Karthik Babu S	BIRAC	10,00,000/-	





**XIV**

**Online education**

## Directorate of Online Education (DOE)

**Address:** 2nd floor, Tower III, Advanced Research Centre, Manipal  
Phone Number: 0820 2923479

Email-Office: coe.mahe@manipal.edu

Director: director.coe@manipal.edu



Name of the Director: **Dr Manojkumar Nagasampige**

Year of Establishment: **2017**

Details of Online Programs offered:

### Degree:

- MBA
- MSc (Data Science)
- MSc (Business Analytics)

### Certificate

- PG Certificate in Logistics and Supply Chain Management

- PG Certificate in Business Analytics
- PG Certificate in Cloud Computing

### About the Department:

The Directorate of Online Education (DOE) was established in 2017 with an objective to provide accessible, innovative, enriched, and flexible lifelong learning opportunities for students and working professionals through its online

programs/courses. DOE is enabling MAHE institutions to enhance their global presence and reach by offering online programs in emerging areas. DOE provides training programs on the design, development, and delivery of online programs/effective online teaching and learner engagement.

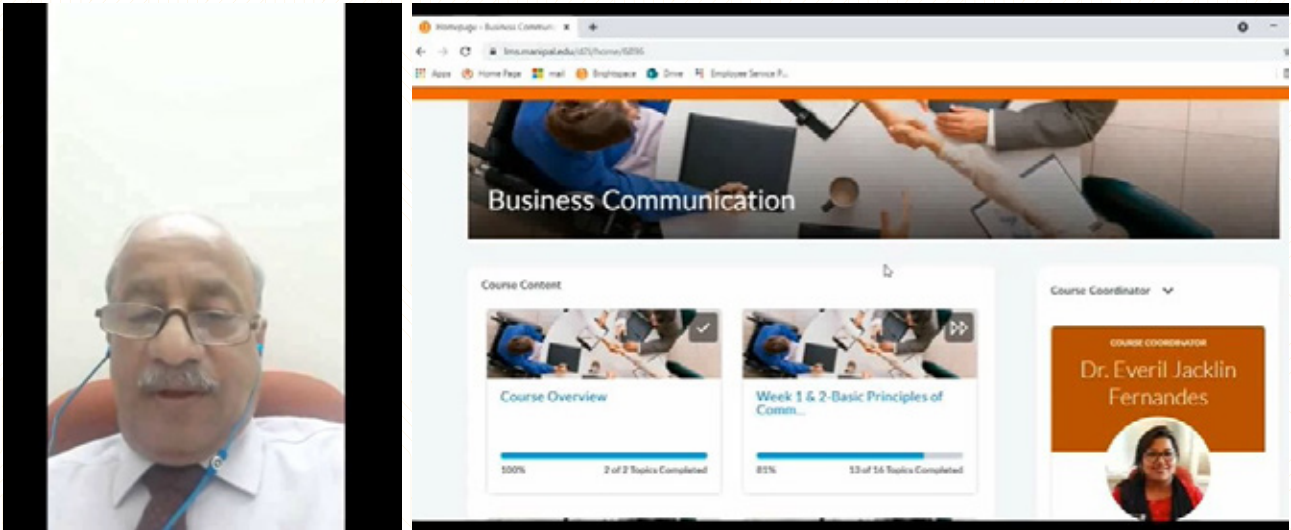


MAHE-DOE has signed an agreement with the Ministry of External Affairs (MEA) to offer its online programs to students of African countries via the e-VidyaBharati-ArogyaBharti (eVBAB) Scholarship program under the Government of India-Pan African Network Project. As of 2021, about 454 students have been enrolled from African countries - Ghana, Uganda, Malawi, Zambia, Ivory Coast, Gambia, Mozambique, Sierra Leone, the Democratic Republic of Congo, and Sudan.

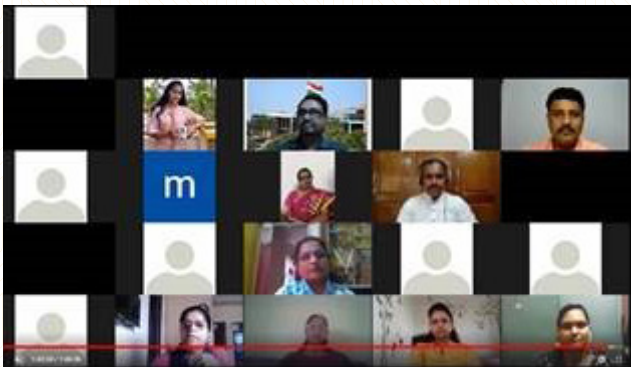
### Departmental activities:

Sl No	Activity
1	Dr Manojkumar Nagasampige-Delivered a session on “Techniques of effective learner engagement” at Continuing Nursing Education (CNE) Program organized by Manipal College of Nursing on 3 April 2021.
2	Dr Manojkumar Nagasampige-Delivered a session on “Designing effective Presentation for online teaching” at the Virtual event “Pedagogy in Higher Education – A paradigm shift from offline to online” organized by JSS Health Science Institutions, Mysore on 13 May 2021.
3	An outreach training programme on “Effective Online Learner Engagement using Online tools” was conducted by DOE for teachers of Hongirana School of Excellence, Sagara [CBSE School] on 10 June 2021. About 70 teachers have participated in the training program.
4	An outreach training program on “Effective Online Learner Engagement using Online tools” was conducted by DOE for teachers of Sahyadri Schools Complex-Shimoga [An Association of CBSE Schools] on 12 June 2021. About 400 teachers have participated in the training program.

### Photo Archive of Important events:



Student Orientation Program (SOP) for January 2021 Batch of African Students [eVBAB Scholarship Project].

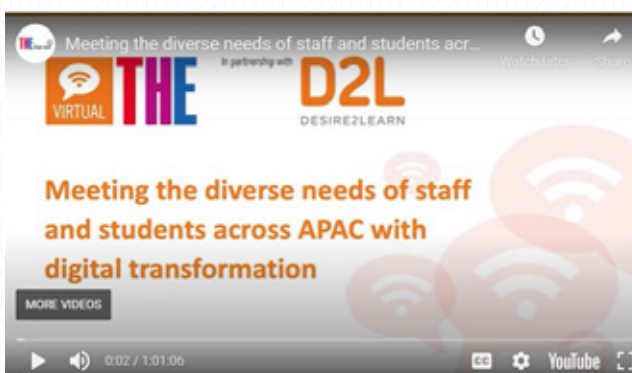




Dr Manojkumar Nagasampige was one of the panellists in the technology event - "The immersive classroom: Experiences with AR/VR and new-age technology" at Techspectations EDUCATE 2021 organized by Manorama Online on 23 October 2021.



Dr Manojkumar Nagasampige-Delivered a session on "Emerging evidence and Teaching-learning Methods for Future crises, learning modes, online assessment, and evaluation competencies" at the "Global Symposium on Collaborative Healthcare Practices and Challenges in Current Times" organized by Manipal College of Nursing -2 November 2021.



Dr Manojkumar Nagasampige was a speaker at the virtual event "Meeting the diverse needs of staff and students across APAC with digital transformation" organized by Times Higher Education (THE) and D2L on 10 November 2021.





XV

Offshore Campus

## MMMC-Melaka Campus

Address: Jalan Batu Hampar, Bukit Baru, 75150 Melaka, Malaysia \*MMMC is currently known as  
Manipal University College Malaysia (MUCM)

Phone Number: +606-2896662

Email-Office: [info@manipal.edu.my](mailto:info@manipal.edu.my)

Director Email: [jaspal@manipal.edu.my](mailto:jaspal@manipal.edu.my)



Name of the Director: **Professor Dr Jaspal Singh**

Established: **1997**

### **Details of Programs offered by the Institution:**

- Bachelor of Medicine and Bachelor of Surgery (MBBS)
- Bachelor of Dental Surgery (BDS)
- Foundation in Science (FIS)

### **About Institution/School:**

Melaka Manpal Medical College (MMMC) was established in 1997 in a joint venture with the Manipal Academy of Higher Education (MAHE), India, an icon of education that is well known for

the last six decades. MMMC was set up through the vision of Datuk Dr Ramdas Pai, Chancellor of MAHE and the instrumental efforts of the late Datuk K Pathmanaban, former Deputy Minister of Health, Malaysia. We are guided by our vision to be "A world-class educational centre in a multicultural environment". MMMC is a premier medical school in Malaysia and has been recognized for its high-quality medical education for the past two decades. MMMC is acclaimed as a Superbrand in Medical Education in The

BrandLaureate–SMEs Best Brands Awards 2011-2012. MMMC offers three outstanding programs, Bachelor of Medicine and Bachelor of Surgery (MBBS), Bachelor of Dental Surgery (BDS) and Foundation in Science (FIS). The institution has

been upgraded to University College status by the Ministry of Higher Education Malaysia in July 2020 and it is now known as Manipal University College Malaysia (MUCM).

### Institutional Activities/Curricular Activities

All other activities in the department relating to the program/course:

Sl. No.	Activity	Particulars	Date(s)
1	Bachelor of Medicine and Bachelor of Surgery (MBBS)	Transition to University College visit for the MBBS programme by Malaysian Medical Council (MMC) and Malaysian Qualifications Agency (MQA).	22 March 2021 to 23 March 2021
2	Orientation Program (Foundation in Science)	Two-day virtual orientation program to familiarize the new intake of Batch 22 students with the institution atmosphere. FIS Batch 22 orientation program was held online due to Pandemic COVID-19.	17 April 2021
3	ISO 9001:2015 Surveillance Audit	ISO 9001:2015 Surveillance Audit by the external auditor: AJA ESQ Certification (M) Sdn Bhd.	26 April 2021 to 27 April 2021
4	Mentor-Mentee Event (Foundation in Science)	This event aims to strengthen the relationship between staff and students, junior and senior students, and the entire faculty of FIS at MUCM, Melaka. The mentor-mentee event for Batch 22 and Batch 23 was held on 10 June 2021 and 29 September 2021, respectively.	10 June 2021
5	Career Progression Talk.	A Career Progression Talk (Virtual Mode via Microsoft Teams) was conducted for Batch 21 students. The main objective of the talk is to provide a clear path toward the prospective career opportunities available to the final semester students once they graduate.	5 July 2021
6	Audit by Malaysian Qualifications Agency (MQA) for Bachelor of Dental Surgery Program (Faculty of Dentistry).	MQA virtual audit for re-accreditation of the BDS program.	11 August 2021 to 13 August 2021
7	Orientation Program (Foundation in Science)	One-day virtual orientation program to familiarize the new intake of Batch 23 students with the institution's atmosphere. FIS Batch 23 orientation program was held online due to Pandemic COVID-19.	26 August 2021
8	MRM Meeting	ISO Management Review Meeting.	27 September 2021
9	Foundation in Science (FIS)	POSMED - A compulsory poster presentation assignment cum competition for all Foundation in Science Semester 1 students which incorporates aspects of Biology, Physics, Mathematics and Clinical Correlation in relevance to the assigned topic on medical devices commonly used in the hospital scene. POSMED for Batch 22 was held on 18 June 2021 and Batch 23 was held on 2 November 2021.	2 November 2021

Sl. No.	Activity	Particulars	Date(s)
10	Bachelor of Medicine and Bachelor of Surgery (MBBS) and Bachelor of Dental Surgery (BDS)	The 18th convocation ceremony for MBBS (Batch 35 to Batch 38) and BDS (Batch 6 to Batch 7) was conducted at Holiday Inn Melaka, Malaysia.	3 December 2021 to 4 December 2021

### Details of Guest Visit (lectures, collaboration, visitors on campus)

#### Guest Lectures:

Sl. No.	Visitor	Name of the Organization	Purpose of Visit	Date of Visit
1	Mr Onn Khai Munn	Straumann Group	Discussion for future prospective collaborations	15 March 2021
2	Mr Owen Yew	Straumann Group	Discussion for future prospective collaborations	15 March 2021
3	Professor Dr Muhammad Shamsir bin Mohd Aris	University Sains Islam Malaysia (USIM)	MMC/MQA Transition to University College Visit	22 March 2021
4	Professor Datuk Dr Looi Lai Meng	University of Malaya	MMC/MQA Transition to University College Visit	22 March 2021
5	Professor Dr Azizi bin Ayob	International Medical University (IMU)	MMC/MQA Transition to University College Visit	22 March 2021
6	Associate Professor Datin Dr Juriah binti Abdullah	Perdana University	MMC/MQA Transition to University College Visit	22 March 2021
7	Dr Muhammad Yazid bin Sarkawi	Klinik Pergigian Saujana, Melaka	CPD Programme	23 April 2021
8	Ms Cheryl Fong	GSK Oral Healthcare product specialist	CPD Programme	21 May 2021
9	Associate Professor Dr Usha Kumari	AIMST University	External Examiner for BDS Professional 1 Examination	17 August 2021
10	Professor Dr Yasmin Anum binti Mohd Yusof	National Defence University of Malaysia	External Examiner for BDS Professional 1 Examination	19 August 2021
11	Associate Professor Dr Syed Nabil bin Syed Omar	Universiti Kebangsaan Malaysia (UKM)	External Examiner for BDS FPP1 Examination	4 October 2021
12	Mr Chong Peng Lean	Manipal International University (MIU)	Discussion on Medical Physics short course	29 October 2021
13	Associate Professor Dr Ravikanth H Jujare	MAHSA University	External Examiner for BDS Professional 5 Examination	15 November 2021

#### Details of Publications:

National		International	
Indexed	Non - Indexed	Indexed	Non - Indexed
3	0	50	6

### Conferences attended by Institution faculty and students:

	Faculty		Student	
	National	International	National	International
	8	27	6	2

### Details of Conferences/Workshops conducted by the Institution:

Particulars	National	International
CME/CDE	7	2
Conference	13	6
Workshop	21	6
Seminar	10	3
Other	5	8

### Books/chapters authored by faculty members:

Sl. No.	Name of the Book	Chapter(s) name (if authored, chapters only)	Faculty members	Publisher	Date
1	Bioactive Natural Products for Pharmaceutical Applications. Advanced Structured Materials	The Role of Phytochemicals in Cancer Prevention and Cure	Dr Jegathambigai Rameshwar Naidu	Springer	5 January 2021
2	Mathematics for Foundation in Science	Number System Polynomials Sequences and Series Matrices and System of Linear Equations Functions Differentiation Integration	Ms Noor Fadhilah binti Mohd Ramlan	MUCM	28 April 2021
3	Psychiatry for undergraduate examination-2nd Edition	Entire book	Datuk Professor Dr M Swamenathan	Colour Box	1 October 2021
4	Obesity and its Impact on Health. <a href="https://doi.org/10.1007/978-981-33-6408-0_6">https://doi.org/10.1007/978-981-33-6408-0_6</a> .	Effect of Obesity on the Cardiovascular System	Dr Sabyasachi Das	Springer, Singapore	24 February 2021
5	Conn's Current Therapy 2021-E-Book	Foodborne Illness	Dr Anita Devi Krishnan Thantry	Elsevier	30 March 2021

### Awards/Recognitions:

#### Faculty Members

Sl. No.	Name	Details	Date
1	Professor Dr Abdul Rashid bin Ismail	MaGEX Annual Award - Category: People Leader	13 December 2021
2	Professor Dr Soumendra Sahoo	MaGEX Annual Award - Category: Spirit of Manipal	13 December 2021
3	Dr Sowmya Nettem	MaGEX Annual Award - Category: Academics Excellence	13 December 2021

Sl. No.	Name	Details	Date
4	Ms Noor Fadhilah binti Mohd Ramlan	MaGEX Annual Award - Category: Academics Excellence	13 December 2021
5	Professor Dr Renjith George	MaGEX Annual Award - Category: Innovation Award	13 December 2021
6	Dr Tony Francis	MaGEX Annual Award - Category: Innovation Award	13 December 2021
7	Dr Karthik Kannaiyan	MaGEX Annual Award - Category: Innovation Award	13 December 2021
8	Professor Dr Vijendra Pal Singh	MaGEX Annual Award - Category: Innovation Award	13 December 2021
9	Dr Jegathambigai Rameshwar Naidu	MaGEX Annual Award - Category: Rising Star	13 December 2021
10	Dr Sunil Kumar Jatana	MaGEX Annual Award - Category: Academics Excellence	13 December 2021
11	Dr Htoo Htoo KYAW SOE	MaGEX Annual Award - Category: Academics Excellence	13 December 2021
12	Professor Dr Kiran Kumar Krishnappa Salian	MaGEX Annual Award - Category: Innovation Award	13 December 2021
13	Professor Dr Sumanth Kumbargere Nagraj	MaGEX Annual Award - Category: Innovation Award	13 December 2021

#### Staff

Sl. No.	Name	Details	Date
1	Mr Kirubaharan Dhamodharan	MaGEX Annual Award - Category: People Manager	13 December 2021
2	Dr Sivasuthan a/l Letchumanan	MaGEX Annual Award - Category: People Manager and Team Award Intra	13 December 2021
3	Mr Anshuman Mohanty	MaGEX Annual Award - Category: Digital Star Award	13 December 2021
4	Mr Jeremy Yeong Wen Hann	MaGEX Annual Award - Category: Sales Excellence	13 December 2021
5	Mr Mohd Hamka bin Kadim	MaGEX Annual Award - Category: Business Enabling Excellence and Team Award Inter	13 December 2021
6	Ms Tan Qiao Zhi	MaGEX Annual Award - Category: Business Enabling Excellence	13 December 2021
7	Mr Mohd Zainudin bin Ghazali	MaGEX Annual Award - Category: Digital Star Award	13 December 2021
8	Ms Mawarnis binti Ahmad	MaGEX Annual Award - Category: Team Award Intra	13 December 2021
9	Ms Nur Fatina binti Mokhtar	MaGEX Annual Award - Category: Rising Star and Team Award Intra	13 December 2021
10	Ms Masitah binti Maslah	MaGEX Annual Award - Category: Team Award Intra	13 December 2021
11	Ms Nur Amelia binti Zakaria	MaGEX Annual Award - Category: Team Award Intra	13 December 2021
12	Ms P T Chanddramal a/p Theetunni	MaGEX Annual Award - Category: Team Award Intra	13 December 2021
13	Mr Krunesvaran a/l Subramaniam	MaGEX Annual Award - Category: Team Award Intra and Team Award Inter	13 December 2021

Sl. No.	Name	Details	Date
14	Mr Awang Suryadi bin Awang Busri	MaGEX Annual Award - Category: Team Award Intra and Team Award Inter	13 December 2021
15	Ms Nur Idayu binti Kamis	MaGEX Annual Award - Category: Academics Excellence and Team Award Intra	13 December 2021
16	Ms Anizawati binti Aminuddin	MaGEX Annual Award - Category: Team Award Inter	13 December 2021
17	Ms Rozana binti Bahari	MaGEX Annual Award - Category: Team Award Inter	13 December 2021
18	Ms Wong Sok Ling	MaGEX Annual Award - Category: Team Award Inter	13 December 2021
19	Mr Tan Ji Quan	MaGEX Annual Award - Category: Team Award Inter	13 December 2021
20	Mr Mohd Shahreen bin Abd Khabir	MaGEX Annual Award - Category: Team Award Inter	13 December 2021
21	Mr Tan Wei Tong	MaGEX Annual Award - Category: Team Award Inter	13 December 2021
22	Ms Yuhana binti Mohamed @ Mohd Yunos	MaGEX Annual Award - Category: Team Award Inter	13 December 2021
23	Ms Noritah binti Musa	MaGEX Annual Award - Category: Academics Excellence and Team Award Intra	13 December 2021

#### Extra-Curricular Activities:

##### Sports Activities:

##### In Institution:

Sl. No.	Event	Details	Date(s)
1	Alumni Football – Homecoming	Friendly football match between the MUCM football team and Manipal Alumni football team. Attended by around 40 players. Vice Chancellor was the guest of honour for the match. MUCM won the match 3-2.	27 November 2021
2	Virtual Manipal Run For Life 2020	Student Council has successfully conducted a virtual Manipal Run For Life (MRFL) 6th Edition between all the MUCM students, staff and the public. This Charity Fiesta has been organized to raise funds for Persatuan Sukan and Rekreasi Orang Kurang Upaya Negeri (PESRON) Melaka. Around 500 participants have joined the event and run along virtually. At the end of the run, participants are requested to submit screenshots of the completed running distance along with any photos of themselves.	10 July 2021

#### Cultural Activities:

##### In Institution:

Sl. No.	Event	Details	Date(s)
1	Continuous Medical Education on ENT: Approach to ENT Emergencies	The Continuous Medical Education (CME) program was conducted by our alumnus, Dr Luqman, who is now an Otorhinolaryngology and Head-and-Neck (ORL HNS) Surgeon. This CME session was aimed to assist students in gaining an insight into the career pathway in ENT in Malaysia and to allow students to gain valuable knowledge about the career prospect	28 December 2021

Sl. No.	Event	Details	Date(s)
2	Raya in a Reel	MUCM Student Council has organized an Instagram Reel competition between all the batches including MBBS, BDS, and FIS as well as staff and faculty. This event was held in conjunction with the Hari Raya celebration. As part of unity, we managed to attract 32 participants including many welcoming responses from our faculty itself.	16 May 2021
3	Deepavali Competition	MUCM Student Council has organized a virtual Photography and Best Dressed Competition between all the batches from MBBS, BDS, and FIS as well as staff and faculty members. We have rewarded the winners with cash prizes as a token of appreciation with a total budget of RM1100.	12 October 2021
4	Blood Donation Drive	MUCM Student Council 2020-2021 has successfully organized a blood donation campaign in collaboration with the blood banks of Melaka General Hospital. The rationale of this event is to create awareness of the importance of blood donation, amongst the students of MUCM. The event was conducted at Melaka Campus. At the end of this noble event, we managed to acquire 89 donors from our very own MUCM students, faculty, and staff.	25 February 2021
5	Sri Lankan New Year Celebration	In collaboration with the Student Council of 2020-2021 and the Sri Lankan students of MUCM, the annual Sri Lankan New Year celebration was held at our own Melaka Campus, on 18 April 2021. This consisted of outdoor events including classic Sinhala and Tamil New Year Games like bun eating competition, placing the eye on the elephant ( <i>aliyata aha thibeema</i> ) and many more. Also not forgetting the mouth-watering coconut-milk rice ( <i>kiribath</i> ) and the devilishly spicy onion sambal ( <i>lunumiris</i> ) with delightful sweets which were prepared by our very own students for the new year feast. There were also interesting gifts which were to be won by anyone who participated and was placed first in any one of the events.	18 April 2021
6	Scribble through Movement Control Order (MCO)	MUCM Student Council has organized an Online Pictionary Competition between all batches from MBBS, BDS and FIS programs. This activity boosted the spirit of students during this period of MCO. In addition, this activity has entertained the students while promoting positive peer relationships.	5 June 2021
7	Silhouette Dance Challenge	MUCM Student Council has organized an online Silhouette Dance Challenge among all batches from MBBS, BDS, and FIS as well as staff and faculty members. This activity encouraged everyone and brought out their creativity in the form of dance. In addition, this activity is expected to boost their spirit during Movement Control Order (MCO) period where meeting their own peers and staff has been a challenging situation.	8 July 2021
8	Smartphone Donation	MUCM Student Council 2020-2021 has initiated a meaningful effort and provided 12 brand new and cutting-edge smartphones (Samsung A02), especially to students who are in need to conduct online classes and assignments in light of the current global pandemic where virtual learning has been our primary mode. Smartphone Donations have assisted the selected students in need and promoted increased levels of prosperity and boost health, happiness, cooperation, goodwill, and strong communities.	9 September 2021
9	Stress Busters Talk	In conjunction with National Stress Awareness Month, the Student Council 2020-2021 of MUCM has organized a talk aimed to identify and eliminate the stress among medical students, especially during this pandemic situation. The rationale of this event is to raise awareness of the importance of stress management to sustain a well-balanced life in all aspects of life amongst the students of MUCM.	14 April 2021





Sl. No.	Event	Details	Date(s)
10	Campus from a Distance	MUCM Student Council 2020-2021 has planned to conduct a virtual interactive event for our fresh new intake of FIS Batch 22 students. The objective behind this event is to welcome the latest FIS students of Batch 22 and interact with them on a digital platform who are about to embark on their first-year journey in our Melaka Campus.	17 April 2021

### Outside University

Sl. No.	Event	Details	Date(s)
1	Flood Donation Program	MUCM Student Council 2021-2022 initiated a donation drive in collaboration with Doctors on Ground (DnG) and Parti MUDA to aid those affected by the flood. This drive was held from 21 December to 23 December at both Melaka and Muar Campuses. This event was blessed with a massive amount of donations that ranged from food, water, sanitary items, clothes, and blankets. Student Council even managed to collect RM 3,000 which was then given to Doctors on Ground (DnG) to purchase medical supplies for the flood victims.	21 December 2021
2	Food Drive - A Helping Hand'	MUCM Student Council 2020-2021 has initiated a momentous effort to conduct a food drive titled, A Helping Hand, in light of the current global pandemic. Many families have lost their source of income throughout this pandemic; hence we have aimed this Food Donation Drive to assist the families in need. A total of 50 food packs were distributed by our council members to children in orphanage homes, MUCM's janitor and selected families in need as well.	4 August 2021
3	Donation Drive to Orphanage Home	MUCM Student Council 2020-2021 has initiated a momentous effort to provide essential items to children in orphanage homes at Pusat Jagaan Kanak-Kanak Ceria Bukit Baru, Melaka. This activity helps strengthen the bond between students and children at the orphanage home and also promotes increased levels of prosperity, and boosts health, happiness, cooperation, goodwill, and strong communities.	25 August 2021
4	Blood Donation Drive	MUCM Student Council 2021-2022 organized a successful blood donation drive on both Melaka and Muar campuses from 22 December till 23 December 2021. This event was done in collaboration with Tabung Darah Hospital Pakar Sultanah Fatimah Muar and Pusat Jabatan Transfusi (Tabung Darah) Hospital Melaka . It was a huge success with an overwhelming response of 65 donors from both students, faculty members and staff of MUCM.	22 December 2021
5	Medical Camp Volunteering	Students under the Student Council of MUCM volunteered to assist in a flood relief program in Melaka, organized by the Malaysian Medical Association (MMA), Melaka branch. The program was held on 26 December 2021, Sunday from 9:00 am to 1:00 pm.	26 December 2021

Photo Archive of Important events



2021 MUCM 18th Convocation Ceremony



2021 Blood Donation Drive in both Muar and Melaka Campus organized by MUCM Student Council



2021 MAGEX Award Ceremony (MUCM)



2021 MUCM Team Building at ION Delemen, Genting Highland

## MAHE – Dubai Campus

Manipal Academy of Higher Education, Dubai Campus P O Box 345050, G08, Dubai International Academic City Dubai, UAE

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Director: [jason.fitzsimmons@manipaldubai.com](mailto:jason.fitzsimmons@manipaldubai.com)



Name of the Academic President: **Dr Jason Fitzsimmons**

Established: **September 2003**

Details of Programs offered by the Institution:

Programs:

- Bachelor of Architecture
- Bachelor of Arts (Humanities)
- Bachelor of Arts in Film Studies and Television Production
- Bachelor of Arts in Media and Communication
- Bachelor of Arts (Honours) in Media and Communication
- Bachelor of Business Administration
- Bachelor of Business Administration (Honours)
- Bachelor of Commerce (Professional)
- Bachelor of Commerce (Honours)
- Professional
- Bachelor of Design (Fashion Design)
- Bachelor of Design (Interior Design)
- Bachelor of Science in Animation
- Bachelor of Science in Applied Psychology
- Bachelor of Science (Honours) in Applied Psychology
- Bachelor of Science in Biotechnology
- Bachelor of Science (Honours) in Biotechnology
- Bachelor of Science in Design Management
- Bachelor of Science in Food and Nutrition Science
- Bachelor of Science in Information Systems and Management

- Bachelor of Technology in Chemical Engineering
- Bachelor of Technology in Civil Engineering
- Bachelor of Technology in Computer Science and Engineering
- Bachelor of Technology in Data Science and Engineering
- Bachelor of Technology in Electrical and Electronics Engineering
- Bachelor of Technology in Mechanical Engineering
- Bachelor of Technology in Mechatronics Engineering
- Doctor of Philosophy in Biotechnology
- Master of Arts (Fashion Management)
- Master of Arts in Media and Communication
- Master of Business Administration
- Master of Design in Sustainable Design
- Master of Science in Applied Psychology
- Master of Science in Information Science
- Master of Science in Medical Biotechnology
- Master of Science in Molecular Biology and Human Genetics
- Master of Science in Nutrition and Dietetics
- Master of Technology in Energy Systems and Management
- Master of Technology in Computer Science and Information Security
- Master of Technology in Construction Engineering and Management
- Master of Technology in Engineering Management
- Master of Technology in Manufacturing Engineering
- Masters of Design in Interior Design
- PhD at School of Business
- PhD at School of Engineering and IT
- Postgraduate Diploma in Business Administration
- Postgraduate Diploma in Cyber Security
- Postgraduate Diploma in Data Science
- Postgraduate Diploma in Event Management

- Postgraduate Diploma in Logistics and Supply Chain
- Foundation
- Certificate Program in Interior Design
- Certificate Course in Graphics and Multimedia
- English Enhancement Course

#### **About Institution/School:**

Manipal Academy of Higher Education (MAHE), Dubai Campus is a Five-Star Rated University as per the Knowledge and Human Development Authority (KHDA), Dubai Higher Education Classification (HEC) Rating 2020. It secured the Highest Overall Rating Score of 836 with a perfect five-star rating in seven out of eight categories stipulated for the assessment, which include Teaching, Programme Strength, Employability, Internationalization, Research, Facilities, Arts and Culture, and Happiness and Well-being. MAHE, Dubai Campus is also a proud recipient of the Forbes Middle East Higher Education Award 2019 for "Outstanding Support for Students". MAHE Dubai is the branch campus of MAHE, India - an Institution of Eminence – recognized by the Honourable Ministry of Human Resource and Development (MHRD), Government of India. MAHE commenced its journey towards excellence in Dubai, UAE in the year 2000. It has since grown into a leading multi-disciplinary university in the Middle East, attracting students from across the globe. At present, MAHE Dubai enrolls over 2,100 students from over 40 countries. Soon completing two decades in the UAE, MAHE Dubai boasts a robust network of over 7,500 alumni. Following the footsteps of its multi-disciplinary home campus, MAHE Dubai offers students a variety of diverse disciplines to pursue their undergraduate and postgraduate studies, ranging from laboratory and workshop intensive courses to creative and new-age disciplines like Arts and Humanities, Business, Design and Architecture, Engineering and IT, Life sciences, and Media and Communication.

Institutional Activities/Curricular Activities

## Institutional Activities/Curricular Activities



### New Initiatives:

Sl. No.	Activity	Particulars	Date(s)
<b>MAHE-Dubai</b>			
1	Integrated learning with Mathworks MATLAB Software	The Department of Mechatronics, SOEIT has integrated learning with Mathworks MATLAB Software. A programming and computing platform, MATLAB has helped students visualize and learn engineering through real-life examples and workflows. Mathworks offers online courses to help master the software for students to become professionals.	1 January 2021 to 31 December 2021
2	Establishment of the School of Humanities and Social Sciences (SoHSS)	The Department of Art and Humanities was upgraded to the School of Human and Social Sciences. An undergraduate program and a postgraduate were launched and the Foundation Program which was earlier with the School of Business amalgamated with SoHSS	20 August 2021
3	BCom (Honours) Professional, BBA (Honours), BA (Honours) in Media and Communication, BSc (Honours) in Biotechnology	If the student is eligible and chooses to proceed with the fourth-year, the student will be awarded the Honours degree upon successful completion.	1 September 2021
4	Launch of two new programs at the School of Engineering and IT	BTech in Data Science and Postgraduate Diploma in Cyber Security.	1 September 2021
5	Inception of BSc Applied Psychology in the School of Humanities and Social Sciences	SOHSS launched BSc Applied Psychology, a new three-year undergraduate program with a fourth-year honours option.	13 September 2021
6	Inception of MSc Applied Psychology in School of Humanities and Social Sciences	The new postgraduate program, MSc in Applied Psychology was launched by SoHSS	20 September 2021
7	Inauguration of 3D printing club	The School of Engineering and IT (SOEIT) introduced a 3D printing club for all enthusiasts of 3D printing. The club aims to teach people about 3D printing and its benefits while also making a collaborative space for passionate people to share and create new things together. Members also get to build and modify 3D printers with industry experts. Currently, the members are working on the Prusa MK3 Bear printer with Mr Abdulla from Eye labs.	1 December 2021

All other activities in the department relating to the program/course:

Sl. No.	Activity	Particulars	Date(s)
<b>MAHE-Dubai</b>			
1	School of Engineering and Information Technology (SOEIT) - "Tech-Talk" Series	SOEIT initiated the "Tech-Talk" Series. It aims in bringing together technology enthusiasts to share ideas and knowledge. It gives a glimpse of where technology stands today.	1 January 2021 to 31 December 2021
2	SOEIT - Department of Computer Science and IT Collaborates with EC Council Academia	The department signed an MOU with EC Council Academia and attained the status of an EC Council Academy	7 January 2021
3	Minutes of the Chairpersons' Meeting on 7 January 2021	Academic Session February 2021 Learning Mode - Since the Knowledge and Human Development Authority (KHDA) has not advised of any new directive, the blended mode of learning is likely to be continued for the new session. The Academic President, Dr Jason Fitzsimmons asked the Chairpersons to encourage the students to embrace face-to-face teaching as much as possible.	7 January 2021
4	Minutes of the Chairpersons' Meeting on 7 January 2021	KHDA Safety Protocols – Dr Jason asked the Chairpersons to continue encouraging both faculty and staff to adhere to safety protocols and minimize face-to-face interactions. Discussions were held if the university should facilitate the provision of vaccination for COVID-19 at the campus via Dubai Health Authority (DHA).	7 January 2021
5	Minutes of the Chairpersons' Meeting on 7 January 2021	KHDA requirements for new programs and Academic Council Meeting - The Academic Council Meeting (ACM) will be held on 9 January. Dr Jason will update the chairpersons on the various discussions post the meeting. Four programs have been submitted to the KHDA under Phase 1. KHDA has introduced different modalities of conducting programs for the upcoming semesters; Dr Jason asked the Chairpersons to brainstorm on the various programs that may be launched in alternative modes.	7 January 2021
6	Minutes of the Chairpersons' Meeting on 7 January 2021	Monthly newsletter - Dr Jason informed the attendees that the monthly newsletter will be sent out in a few days.	7 January 2021
7	Minutes of the Chairpersons' Meeting on 7 January 2021	School Counsellors Meet - Professor Elsa Ashish, Head – School of Humanities and Social Sciences, mentioned that the first counsellors meet was held with around 28 School Counsellors.	7 January 2021
8	Minutes of the Chairpersons' Meeting on 21 January 2021	Digitization of Content - Since faculty will be provided with the training for online content etc., they must be encouraged to develop a program for online delivery in the area of their expertise. This year's Key Responsibility Areas (KRA) should include that faculty develop at least one online course. Dr Jason will circulate a template to all the Chairpersons that would help develop the same.	21 January 2021

Sl. No.	Activity	Particulars	Date(s)
9	Minutes of the Chairpersons' Meeting on 21 January 2021	KHDA Modalities - Dr Jason mentioned that KHDA is developing policies on the various modalities such as On-Campus Mode, Block Mode, Online Mode, and Blended Mode. The Blended mode of learning communication will be sent out by next week. Students must be encouraged to return to campus learning.	21 January 2021
10	Minutes of the Chairpersons' Meeting on 21 January 2021	Faculty Development Planning (FDP Planning) - FDP is to be held during the second week of February 2021. Discussions were held regarding an FDP on developing online content, online learning activities and online courses. FDP can be used as a good platform to train faculty in this area.	21 January 2021
11	Minutes of the Chairpersons' Meeting on 21 January 2021	KHDA Higher Education Classification Rating Framework (HECRF) Ratings - Dr Jason mentioned that there may not be a cycle this year and the next manual may be received by September 2021. The next cycle could include a greater emphasis on quality in online learning environments. Data for the last year 2019–20 have already been collated; meetings to review the same will be held in the first week of February 2021. Dr Jason suggested having fortnightly student engagement activities for the next semester as these components are vital for maintaining good ratings and systematically documenting the events as evidence.	21 January 2021
12	Minutes of the Chairpersons' Meeting on 21 January 2021	Transnational Higher Education - Dr Jason mentioned that KHDA had contacted MAHE Dubai and Middlesex to deliver a webinar to share best practices as to what works best in terms of transnational education in terms of quality assurance. Steven Jackson, Head of University Quality Assurance International Board (UQAIB) and former Quality Assurance Agency (QAA) Accreditor, gave a talk on quality assurance in transnational higher education. UQAIB is setting up a final quality assurance structure for online learning.	21 January 2021
13	School of Design and Architecture (SODA) - International Collaboration	Two courses from the BArch program by Ms Dipti Shukla and one course from the BDes program by Ms Vidya Rao SODA MAHE, Dubai, were mapped with courses from MU Jaipur syllabus and conducted as part of the collaboration between the two universities. A total of 71 students from BArch and 37 students from the BDes program of both universities were part of this collaboration.	15 February 2021
14	Minutes of the Chairpersons' Meeting on 18 February 2021	Vaccination Data - Dr Jason mentioned that KHDA is collecting data on the number of faculty and staff being vaccinated every week, as well as the learning modes that students are currently opting for MAHE Dubai, which will continue with blended mode as done last semester.	18 February 2021
15	Minutes of the Chairpersons' Meeting on 18 February 2021	Development of online subjects by faculty - Dr Jason mentioned that this year's KRAs should require each faculty member to develop online content in their subject of expertise. It may be achieved in the form of various phases of a project. One of the FDPs was devoted to training the faculty in this direction. He asked the Chairpersons to ask the faculty to identify suitable subjects that could be offered online.	18 February 2021

Sl. No.	Activity	Particulars	Date(s)
16	Minutes of the Chairpersons' Meeting on 18 February 2021	Establishment of Teaching Learning Innovations (TLI) Group - Dr Jason proposed to put together the TLI Group. This unit will focus on new technologies, adoption of the new technologies, testing, training faculty etc. The unit will comprise a coordinator and representatives from all the schools. The group may meet six times a year.	18 February 2021
17	Minutes of the Chairpersons' Meeting on 18 February 2021	Establishment of Teaching Learning Innovations (TLI) Group - Dr Jason will circulate the terms of reference for the proposed group to all Chairpersons. The TLI group can also provide us with a good report on Innovation and Technology which can be submitted to KHDA as documentary evidence for innovative teaching/learning methods. He asked the Chairpersons to review and share any suggestions for improvement.	18 February 2021
18	SOEIT - Series of Workshops on 3D Printing and Arduino	The first workshop among the series of workshops - "Introduction to 3D printing" was held in the month of March 2021. The workshop gave the students an insight into the process involved in 3D printing. The students got to work with Arduino and Nodemcu and executed many interesting programs with the same. They also got a gist of App development.	1 March 2021 to 31 March 2021
19	Minutes of the Chairpersons' Meeting on 4 March 2021	Internal Exams - Internal assessment will be held online and end semester exams mode will be announced at a later date	4 March 2021
20	Minutes of the Chairpersons' Meeting on 4 March 2021	KHDA health protocols/student attendance - A good percentage of students are attending classes on campus. Chairpersons should reinforce health protocols in their respective schools and remind faculty and students to wear masks and maintain social distancing at all times.	4 March 2021
21	International Women's Day 	The students of BA Humanities celebrated International Women's Day on 8 March 2021, with a series of activities, a screening of a woman-centric film and an online campaign centered around the theme – "Choose to Challenge". The focus of the campaign was to speak out about and challenge gender bias, inequality, and all kinds of discrimination against women.	8 March 2021
22	SOEIT - Distinguished Lecture	A distinguished Lecture by Hassan Younes on the Most referenced ASHRAE standards in UAE was organized.	14 March 2021
23	SOLS - Body Composition Workshop 	The workshop was organized on the measurement of Body composition parameters using an InBody analyser, Stadiometer and BP machine. It was organized in association with SPEC Brite Group, Dubai.	14 March 2021
24	Minutes of the Chairpersons' Meeting on 18 March 2021	First Internal Tests - Internal tests are scheduled to be conducted in March in online mode.	18 March 2021



Sl. No.	Activity	Particulars	Date(s)
25	Minutes of the Chairpersons' Meeting on 18 March 2021	Final Exam Preparations and format - Dr Jason mentioned that irrespective of the modes chosen, all examinations should be conducted in the same format. A decision on the mode for the end semester exams will be made in the next couple of weeks.	18 March 2021
26	Minutes of the Chairpersons' Meeting on 18 March 2021	Health and safety protocols - Dr Jason reiterated the responsibility of maintaining health and safety protocols in respective schools and remind faculty both full time and adjunct and students to wear masks and maintain social distancing at all times. Corrective actions will be taken if the protocols are not adhered to. COVID vaccination drives have been taking place and we may have the data of students who have undertaken vaccinations by Sunday.	18 March 2021
27	Minutes of the Chairpersons' Meeting on 18 March 2021	New Programs - A number of new programs are scheduled to be offered from September 2021. Documentation for the same need to be prepared for submission to KHDA. The Board of Studies (BOS) for two new programs - BSc and MSc in Applied Psychology is scheduled on 24 March.	18 March 2021
28	Minutes of the Chairpersons' Meeting on 18 March 2021	Academic Council Meeting Agenda items - BOS meetings will be held. Agenda items must be sent in by 25 March.	18 March 2021
29	SOEIT - MechFest 21	The school organized cultural and fun activities on MechFest-2021 by Mechanical Engineering Students.	22 March 2021
30	SODA - International Workshop	Eight BArch students led by Assistant Professor Dipti Shukla as a mentor representing Dubai participated in the International Design Studio: India-Dubai-Korean Urban Design Workshop on "The Urbanity of marketplaces post-pandemic - Issues and Resolution", supported by Korean UNESCO ESD and the valedictory session was organized on 27 July 2021, with E-certificate distribution ceremony and reviews by mentors and students.	29 March 2021 to 31 May 2021
31	Minutes of the Chairpersons' Meeting on 1 April 2021	Format of final exams - Considering the health and safety of students and faculty, it was proposed that the best possible mode for end semester examinations will be online mode. Regarding the practical exams, each school must conduct them in one mode and not in different modes. All faculty need to prepare question papers for online mode. It is recommended to give students a mock exam before they attend the final exams. Dr Jason also added that moderation should be done to assess if questions are appropriate for an online exam and if the learning outcomes are being measured effectively.	1 April 2021
32	Minutes of the Chairpersons' Meeting on 1 April 2021	Product training for admissions team - With new programs and revisions in existing programs for September 2021, a meeting with the admissions team UAE and India have been scheduled on 8 April to brief them on the same. Dr Jason asked the Chairpersons to prepare a few slides on the various programs and send them to him.	1 April 2021

Sl. No.	Activity	Particulars	Date(s)
33	Minutes of the Chairpersons' Meeting on 1 April 2021	KHDA Higher Education Classification and Rating Framework (HECRF) Update meeting end of April - Another round of update meetings will be held at the end of April. It is anticipated that the criteria for the next round may be modified slightly considering the changes in the delivery of education over the past year. This will ensure that the documentation and evidence material required is being updated along the way.	1 April 2021
34	Minutes of the Chairpersons' Meeting on 1 April 2021	Examination and Holiday dates - Dr Sangeetha, Deputy Registrar – MAHE Dubai, mentioned that the last working day is 2 June according to the academic calendar and that exams start on 15 June and end on 1 July. The results are expected to be declared by 12 July and thereafter work on CGPA declarations.	1 April 2021
35	Minutes of the Chairpersons' Meeting on 1 April 2021	Student Feedback Committee - Dr Jason mentioned that, by 22 April, all the schools should capture the feedback from students from the three different performance categories for every batch of all programs.	1 April 2021
36	SOEIT - Combat COVID with ARDUINO Workshop	A workshop was conducted on ARDUINO. The theme of the workshop was: "Combat COVID with ARDUINO".	6 April 2021
37	SOEIT - Hands-on workshop on "Geospatial Digital Twin"	The Institution of Civil Engineers, Manipal Dubai Chapter organized a hands-on workshop on "Geospatial Digital Twin" with a presentation on the State-of-the-Art Surveying Instruments used in civil engineering facilitated by Mr Betson Chacko, Head of Geospatial, Al Fajer Trading, LLC., UAE, related to the course - Surveying.	8 April 2021
38	SODA - International Collaboration	The MoU with Thomas Jefferson University, Philadelphia, USA and MAHE Dubai was formalized for International Collaborations.	9 April 2021
39	Minutes of the Chairpersons' Meeting on 15 April 2021	Student Feedback Committee - Dr Jason mentioned that, by 22 April, all the schools should have conducted the next round of student feedback from the class committees from each program and batch.	15 April 2021 to 15 April 2022
40	Minutes of the Chairpersons' Meeting on 15 April 2021	Annual Vacation Dates - Faculty and Academic Support Staff Vacation will start from 14 July to 21 August and report on 22 August 2021. Classes for higher semesters start on 29 August 2021. The other dates are tentative at present.	15 April 2021 to 15 April 2022
41	Minutes of the Chairpersons' Meeting on 15 April 2021	Fourth-year (Honours) degree options - In alignment with the National Education Policy (NEP) Policy, MAHE India is introducing a fourth-year Honours option to the existing three-year programs. These programs will include the BBA, BCom (Professional), BA (Media and Communication) and the BSc in Biotechnology. BOS meetings have been held for the same. MAHE Dubai will be amending the programs to be in alignment and is currently preparing the documents for submission to KHDA by 1 May 2021.	15 April 2021
42	SOEIT - Webinar	A webinar was conducted by Ms Nikki Barker, Institution of Mechanical Engineers (IMechE) regional Chair and Secretary for the Merseyside and North Wales Region Northwest of UK.	21 April 2021


Sl. No.	Activity	Particulars	Date(s)
43	SOLS - Current Trends in Life Sciences- Series-2	e-Seminar comprising of series of presentations by Research, Industry, Business and Academic experts in areas of Life Science/Biotechnology and Nutrition Science.	29 April 2021
44	SODA - Faculty training	A session by "Love that design" was organized for SODA faculty on the platform, Studio to understand the resources that students and professionals can access for design works.	18 May 2021
45	Enactment of the Play - The Spiritual Tragedy of Dr Faustus	The first-year BA Humanities students staged the modern version of the play – The Spiritual Tragedy of Dr Faustus.	23 May 2021
46	SOEIT – 6th Online International Student Research Colloquium (AEIT-2021)	The 6th International Student Research Colloquium on Advances in Engineering and IT (AEIT) 2021 had the privilege to welcome 250 participants who presented a total of 155 papers and posters in 20 parallel tracks. Papers were received and presented by participants from various universities in UAE and abroad. The event involved guest talk and paper presentations by students.	25 May 2021
47	School of Media and Communication (SOMC) - Workshop on Digital Marketing	An interactive virtual workshop on Digital Marketing was conducted by Mr Fazlul Rahman for students.	31 May 2021
48	Minutes of the Chairpersons' Meeting on 3 June 2021	Health and safety protocols - Dr Jason reiterated to the Chairpersons the responsibility of respective schools in maintaining health and safety protocols, and to remind faculty - both full time and adjunct as well as students to wear masks and maintain social distancing at all times. Faculty and staff are now 100 per cent vaccinated. Efforts are underway to ensure all students are fully vaccinated. Periodical inspections by KHDA and relevant health authorities are expected.	3 June 2021
49	Minutes of the Chairpersons' Meeting on 3 June 2021	Graduate and Student KHDA survey - The KHDA has released the graduate survey and the annual student survey on 31 May 2021. Both surveys are due before 17 June. Dr Jason mentioned that Mr Abdul Razzak, Head-Corporate Alliances and Partnerships, CDC is in charge of the graduate survey and he is coordinating with all the placement coordinators. Professor Elsa and Ms Sarika, Manager – Student Affairs are driving the student survey and are working on sending out an email to all the faculty requesting them to brief the students on the importance of doing the survey. KHDA will be sending out the link to the annual student survey to all the students registered on their system. Both of these surveys are important to the Happiness and Wellbeing category for the KHDA Rating.	3 June 2021
50	SOMC - Portfolio Day for graduating batch	SOMC organised a portfolio day for the graduating batch showcasing student works to the industry professionals. Both undergraduate and postgraduate students were part of this.	6 June 2021

Sl. No.	Activity	Particulars	Date(s)
51	SODA - Final Reviews with International Faculty	SODA invited international faculty members to interact for the final viva end semester examination: Jocelyn Lutap, Dean, College of Architecture, Design, and the Built Environment (CADBE), Polytechnic University of the Philippines, Paul Kerlaff, Edinburgh Napier University, Angelo L Raralio, Professor Katherine Correa, School of Design and Arts, De La Salle-College of Saint Benilde, Ar John Clemence M. Pinlac, Faculty Member, College of Architecture, University of Santo Tomas. Dr Peter Scriver, Associate Professor, School of Architecture and Built Environment University of Adelaide, Australia, Dr Amit Srivastava, Senior Lecturer, School of Architecture and Built Environment University of Adelaide, Australia	13 June 2021 to 1 July 2021
52	Minutes of the Chairpersons' Meeting on 17 June 2021	Activities and Events Notification to Dubai International Academic City (DIAC) - We have received a communication from the DIAC stating that they must be notified of all events such as Sports activities, Open days, Exam schedules, any management changes, Collaboration with new Business Partners, VIP visit, Delegation arrival and Webinars/Virtual. Ms Kritika Mathur, Office of Student Affairs, will be the SPOC for the schools to submit such info to DIAC.	17 June 2021
53	Minutes of the Chairpersons' Meeting on 17 June 2021	KHDA Higher Education Classification Rating Framework (HECRF) Update - With regards to the Graduate Survey, we have been able to obtain 25 per cent response from the graduates and this exceeds the minimum requirement. Dr Jason appreciated the efforts of Professor Elsa and the program coordinators in encouraging students to do the student survey.	17 June 2021 to 17 June 2022
54	Minutes of the Chairpersons' Meeting on 17 June 2021	Convocation Planning - Dr Sangeetha, Deputy Registrar – MAHE Dubai, mentioned that around 660 students are expected to graduate this year. The planning of the convocation and its operations will be handled by the Business Head and the Office of Student Affairs. The office of the Deputy Registrar will provide the student list etc. If the KHDA permits a physical convocation, we will have to consider splitting the event spanning two to three days across the school in the multi-purpose hall.	17 June 2021
55	A session "The Masked": Photographs At The Time of COVID-19 was moderated by SoHSS students, Ms Ayman and Ms Rumana.	In the second year, BA Humanities students, Ayman Syed and Rumana Habib moderated a live virtual session for "The Masked: Photographs at the Time of COVID-19" – an event organized by Doctors Without Borders in collaboration with the Department of Arts and Humanities, MAHE Dubai. The students were in conversation with Dr Tammam Aloudat who published a 100-photo online gallery featuring photos he had taken the previous year in the streets of Geneva. Dr Tammam is the Former Deputy Executive Director of MSF's Access Campaign and Former Deputy Medical Director, MSF, Switzerland.	24 June 2021

Sl. No.	Activity	Particulars	Date(s)
56	Minutes of the Chairpersons' Meeting on 1 July 2021	KHDA HECRF Update - The next cycle is expected in September 2021 and they are expected to release the revised manual most likely in September. Dr Jason commended the efforts of Professor Elsa, Mr Abdul Razzak, Head-Corporate Alliances and Partnerships, and Ms Sarika and all school coordinators for their assistance with the graduate and student survey. It was a remarkable effort by all to achieve the response rate.	1 July 2021
57	Minutes of the Chairpersons' Meeting on 1 July 2021	Student of Determination Action Policy -Dr Jason had met with the KHDA and the Vice Chancellors of various DIAC universities. He informed the attendees of KHDA's specific interest in the quality of education provided to the Students of Determination (SOD). The Ministry of Education (MOE) issued a policy for SOD and the same has been implemented across universities. Higher Education Providers must provide pathways for SOD to higher education and where possible, vocational occupations. Chairpersons need to familiarize themselves with the SOD inclusive policy that MOE has issued and circulate the same to all faculty members. The schools must develop learning plans, individualized plans and ensure continuous support for SOD. Ms Kritika, Student Engagement Officer, will be monitoring and reviewing the SOD inclusion policy. We will also try and arrange workshops by MOE staff to train our faculty to handle SOD and also have mentoring strategies in place.	1 July 2021
58	Minutes of the Chairpersons' Meeting on 1 July 2021	KRA completion - KRAs for faculty should be completed before proceeding for annual leave. The same is to be sent to Dr Jason before 14 July 2021.	1 July 2021
59	SOMC - Workshop on Journalism 101	An interactive virtual workshop on Journalism 101 was conducted for the school students through School Connect by Mr Vishnu, a Freelance Journalist as part of Virtual Summer Camp 2021.	4 July 2021
60	SOMC - Workshop on Stop Motion	A virtual workshop on Stop Motion was conducted for the school students through School Connect by Professor Shanmuga Sundaram, as part of Virtual Summer Camp 2021.	5 July 2021
61	SOMC - Workshop on Doodle Art	A virtual workshop on Doodle Art was conducted for the school students through School Connect by Professor Sapna Singh, as part of Virtual Summer Camp 2021.	11 July 2021
62	SOMC - Workshop on Personal Branding	An interactive virtual workshop on Personal Branding was conducted for the school students through School Connect by Professor Wilma as part of Virtual Summer Camp 2021.	12 July 2021
63	SOMC - Masterclass on Cinematography by Mr Cameron Bryson, (Director of Photography (DOP) - Family Man 2)	SOMC organized an exciting masterclass on Cinematography with Award-Winning Cinematographer Mr Cameron Bryson. During the session, he took the participants through his work "Family Man 2".	31 July 2021
64	SOEIT- Google Developers Student Club	The school has joined the Google Developers Community club.	1 August 2021

Sl. No.	Activity	Particulars	Date(s)
65	SOMC - Masterclass on Storytelling by Mr Shailendra Jha, (Creator of web series- Grahan for Hot star)	School of Media and Communication organized an exciting masterclass on Storytelling Techniques for Streaming Platforms by Mr Shailendra Jha who has worked on the web series Grahan.	21 August 2021
66	Minutes of the Chairpersons' Meeting on 26 August 2021	Classroom and room changes - Cabins and rooms are being re-arranged to have faculty situated where possible in one location; this will also minimize disruptions caused by travel between classrooms. This is also to ensure that all schools have the necessary classrooms for various programs. Technical programs are to be situated on Block B where possible and non-technical programs in Block A.	26 August 2021
67	Minutes of the Chairpersons' Meeting on 26 August 2021	Learning Management System (LMS) and Content creation - A number of LMS options are being evaluated and it is likely that we will be implementing Brightspace at MAHE Dubai. Given this, we will require digital content to be developed and ready. The Teaching and Learning Innovation Group (TLIG) has been working with faculty and part of this year's KRA for each faculty member is to develop content for at least one subject. Faculty Development Program (FDP) resource personnel this semester will also be focusing on developing online courses and will offer support to faculty throughout the year.	26 August 2021
68	Minutes of the Chairpersons' Meeting on 26 August 2021	DIAC approvals for events - Earlier this year, DIAC had sent us a reminder notification requiring us to inform them of any activities that are promoted on social media such as VIP visits, online/offline events etc. The information must be submitted to Ms Kritika, Student Engagement Officer, who will coordinate with the DIAC offices.	26 August 2021
69	Minutes of the Chairpersons' Meeting on 26 August 2021	School asset inventory - The Facilities and Infrastructure department has requested that each school maintain an Assets Tracker with a template file sent to each school to check current inventory. The Chairpersons are to designate appropriate personnel in schools to take responsibility for the equipment. The asset register needs to be maintained and the inventory check must be done beginning of every semester. In the event of designated staff leaving the organization, the inventory list, keys etc. need to be properly handed over.	26 August 2021
70	Minutes of the Chairpersons' Meeting on 26 August 2021	KRA finalization - Finalized KRA for faculty should be submitted at the earliest.	26 August 2021
71	Minutes of the Chairpersons' Meeting on 26 August 2021	International Collaborations - Dr Jason suggested that the program coordinators inform the students of current international collaborations and study options that they can avail during their course of study at MAHE Dubai.	26 August 2021
72	BA Humanities, SoHSS Orientation Session for higher semesters	The SoHSS team organized an orientation session for the higher semester students of BA Humanities. Orientation Session for higher semesters. Dr Richa Arora presented the Health and Safety Session on the Health and safety protocols to be followed during COVID. An interactive ice-breaking session between the second and third years and a few activities by Dr Sameena and Professor Zeba to welcome the students to the new academic year was organized.	30 August 2021

Sl. No.	Activity	Particulars	Date(s)
73	Minutes of the Chairpersons' Meeting on 9 September 2021	Orientation 2021 - A weeklong orientation has been planned for the freshmen at the multipurpose hall. A detailed schedule will be sent out next week. It will be attended only by students and parents will watch sessions live on zoom. The sessions for the School of Engineering and IT, School of Design and Architecture and School of Life Sciences will be held on 19 September; School of Business, School of Media and Communication and School of Humanities and Social Sciences sessions will be held on 20 September. Following the sessions, students will break out to individual schools and join orientation by individual program coordinators.	9 September 2021 to 1 September 2021
74	Minutes of the Chairpersons' Meeting on 9 September 2021	Convocation 2021 - Since KHDA has not yet updated on the protocols, the venue is not yet finalised. The end week of October seems ideal for the moment. If the event is being held on campus or in an external venue, parents may watch live on the webinar.	9 September 2021
75	SODA - Visit to BIG 5 exhibition	A total of 50 students were part of the visit conducted by Ms Dipti Shukla, Ms Ameeta Kale, Ms Vidya Rao, and Mr Allan Lompot. From third-year BArch, mapped with their coursework on Architectural Design, Estimation and Specification and fourth-year BArch for their coursework on Urban Design and Advanced Landscape.	15 September 2021
76	SODA - International Collaboration	The MoU with Polytechnic University of the Philippines (PUP) and MAHE Dubai was formalized for International Collaborations.	22 September 2021
77	SOLS - Research workshop	The workshop was organized on "Clinical Research and Pharmacovigilance" in association with Omasy Research-India.	28 September 2021
78	Minutes of the Chairpersons' Meeting on 30 September 2021	Convocation 2021 - Discussion is currently underway regarding the date of the convocation and venue.	30 September 2021
79	Minutes of the Chairpersons' Meeting on 30 September 2021	KHDA Census Data Collection - Schools are to support the Office of the Academic President to facilitate the scanning of the Emirates Id Card. The Deputy Registrar's Office will be liaising with program coordinators on the collection of data.	30 September 2021
80	Minutes of the Chairpersons' Meeting on 30 September 2021	Attendance List of students with medical approval/ international - Students are allowed online only if they have medical conditions or are unable to travel back from their current country. Such students must be contacted and determined why they have opted to be online and fill up the application form that has been circulated with the schools. Students in UG or PG evening programs can be provided with some sort of flexibility and yet supervised to ensure that they do not go completely online.	30 September 2021
81	Minutes of the Chairpersons' Meeting on 30 September 2021	Format for internal and external exams - In order to ensure students, return to face-to-face mode, students should be informed that internal and external exams will be held on campus. Only online approved students with appropriate documentation will be allowed to write their internals online. To grant equity to students on campus, they may write their exams on phone or laptop via MS Teams.	30 September 2021

Sl. No.	Activity	Particulars	Date(s)
82	SOEIT - Water, Energy, Technology, Environment Exhibition (WETEX)	Mechanical Engineering students participated in the WETEX 2021.	5 October 2021
83	SOEIT - 3D Modelling using Fusion 360 for IEEE Members	The Mechatronics Department organized a workshop on 3D Modelling using Fusion 360 for IEEE Members at the event of IEEE Day on 6 October 2021.	6 October 2021
84	Mental Health Week 2021 	With a renewed focus on mental health and ending the stigma often attached to it, MAHE Dubai Wellness Hub (MWH), a SoHSS initiative, celebrated Mental Health Week from 10 to 14 October 2021 with the theme, "Going Beyond". During this week, a series of events like included awareness sessions and campaigns, a Poster design Competition, Well of Positivity, and a Gratitude Challenge were planned to raise awareness amongst faculty, staff, and the student community. In an interactive session "It's Okay Not to Be Okay" with Ms Shalini K Nair, Community Development Authority (CDA) Licensed Psychologist and Ms Lakshmi Saranya, Dubai Health Authority (DHA) Licensed Clinical Psychologist interacted with and counselled students and faculty.	10 October 2021 to 14 October 2021
85	SOEIT - ASHRAE Home Protect	Intra university Ventilation competition where 15 teams from various disciplines took part. Also, as a part of the event, the team organized a seminar on Ventilation and Insulation for students of MAHE Dubai.	12 October 2021
86	SODA - Freshers Party	Faculty and Students of the SODA organized the first post-pandemic event in MAHE, Dubai campus at the Multipurpose Hall, successfully, with the new KHDA rule in line to get physical attendance back on campus (with all necessary protocols). It was a much-needed bonding session between students after the COVID-19 lockdown.	14 October 2021
87	Minutes of the Chairpersons' Meeting on 14 October 2021	Convocation 2021 - It has been decided that the 15th Convocation will be held on campus in the multipurpose hall over four sessions from 11 to 13 November. Given the health and safety protocols, only two guests will be allowed to accompany each graduating student. A convocation planning committee has been formed and will be preparing the agenda. Degree parchments are expected to arrive next week.	14 October 2021
88	Minutes of the Chairpersons' Meeting on 14 October 2021	Class committee feedback - Schools should ensure that class committee feedback is collected during the coming weeks to monitor the quality of teaching and learning. Chairpersons are reminded to submit the feedback by 28 October.	14 October 2021
89	Minutes of the Chairpersons' Meeting on 14 October 2021	Student tours and student exchange - We have a good number of agreements and MoUs in place. Since we are returning to face-to-face mode, we can now work on inbound study tours and student exchange programs.	14 October 2021
90	SOEIT - Industrial Visit	Final-year mechanical engineering students visited Daikin, Dubai.	26 October 2021



Sl. No.	Activity	Particulars	Date(s)
91	Minutes of the Chairpersons' Meeting on 28 October 2021	Convocation Preparations - The Vice-Chancellor and Registrar will attend all four sessions. We have contacted Mr Mohammad Abdullah, Managing Director, Dubai International Academic City and Dubai Knowledge Park and President, Dubai Institute of Design and Innovation, Mr Mahesh Shahdadpuri, Founder and CEO, Tasc Outsourcing and Mr Rizwan Sajjan, Chairman – Danube Group, as of now. Consulate General of India Dr Aman Puri has given his consent. Additional guests of honour are being contacted. About 70 per cent of students have given their confirmation.	28 October 2021
92	Minutes of the Chairpersons' Meeting on 28 October 2021	Learning Management System - Dr Jason mentioned that the University will sign up with Brightspace. This would need to come with a three-month rollout implementation plan. It is a different system and the interface is more user-friendly in terms of administrative context. The Brightspace team will supply templates for online course creation. Hands-on training sessions will also be provided.	28 October 2021
93	SOEIT - IMechE SOFE 2021	The Institution of Mechanical Engineers (IMechE) - Speak Out for Engineering (SOFE) is a competition designed to help develop verbal and visual communication in explaining technical mechanical engineering-related subjects. It is an intra university event and was organized by the Mechanical department.	28 October 2021
94	Minutes of the Chairpersons' Meeting on 28 October 2021	HR Survey - Dr Jason informed the Chairpersons to remind all faculty in the school to fill out the survey form.	28 October 2021
95	SOEIT - Industry Visit to Star Cement Co (An Aditya Birla Group), Ras Al Khaimah (RAK)	Tree Plantation for a Sustainable Environment and Expert Session on "Energy Balance Calculations" was conducted at Star Cement Co, RAK for UG students of Chemical Engineering, SOEIT, MAHE, Dubai.	31 October 2021
96	SOEIT - Orientation Program on IMechE	Guest speaker Mr Tom Owen, International Business Manager, IMechE, London, U.K. explained in detail about current challenges & benefits of IMechE.	3 November 2021
97	SOEIT - Industry Expert Session on "Risk and Safety Management in Industry"	Expert Session was conducted for students of Chemical, Civil, and Mechanical Engineering and session was delivered by two Industry Experts: Mr Jignesh Thakkar, Technical Manager, MBCC, Dubai and Mr Prabhakaran, Safety Engineer, Star Cement Co RAK.	7 November 2021
98	School of Business (SOB) - Introduction and Resume Session (Final-year and pre-final)	For BBA and BCom students	7 November 2021 to 14 November 2021
99	Educational trip to Dubai Design District	The Foundation Program students of Interior Design have also been on an educational trip to Dubai Design District as part of their learning.	8 November 2021

Sl. No.	Activity	Particulars	Date(s)
100	SODA - MiSD 2021	Annual symposium on Design - Manipal International Symposium on Design (MiSD 2021), in its 7th edition was jointly organized with the Chartered Institute of Architectural Technologists (CIAT), UK. The symposium spread over two days in an online format on the theme: Real v/s Virtual: Technology, Design and Urbanity. There were four papers from CIAT (UK) experts, and 15 student presentations (some co-authored with our faculty), a total of 19 papers, and the Solar Decathlon project were there for a panel discussion.	10 November 2021 to 11 November 2021
101	Visit to Sharjah International Book Fair	SoHSS students visited the world's biggest book fair, the Sharjah International Book Fair. Students were enthralled by the diverse number of publishers who had participated in the book fair and were offering an array of books. They toured many pavilions of the exhibition, the most important of which are legal publishing houses, and attended many cultural and literary events in the Sharjah exhibition as a wonderful event and celebration for various types of arts, literature, sciences, schools of thought and diverse human culture. Students enjoyed both the traditional reading ware and contemporary devices that were on display. Students came back laden with fiction and non-fiction reading material.	10 November 2021
102	SOEIT - Webinar by Alumni	Mechanical Engineering department (School of Engineering and IT) organized a Webinar on "Marine Engineering" by Alumni Mr Krishnan Menon.	11 November 2021
103	SOB - Interview Training Session (Final year and pre-final)	For BBA and BCom students	17 November 2021 to 21 November 2021
104	SOMC - Workshop on Animation	An interactive workshop on Animation was conducted for Animation and Graphics students at the school by Mr Richard Ayyash.	17 November 2021
105	SODA - Solar Decathlon Visit	A total of 140 students from all batches of the BArch and BDes program visited the Solar Decathlon ME 2021 to study the net-zero house.	18 November 2021
106	SOEIT - Site Visit to One Zabeel Towers, Dubai	A visit to the One Zabeel Towers Project location, Dubai was organized for the Civil engineering department for the third-year students related to the course – Basic Structural Steel Design. One Zabeel Towers includes the longest cantilever steel link bridge in the world to date. Students understood the primary and secondary structural systems of the link bridge.	21 November 2021
107	SOEIT - Dubai International Academic City (DIAC) Engineering Innovation Challenge	A team of students from Mechatronics fourth-year Engineering got the chance to participate in DIAC Engineering Innovation Competition. The team headed by Mr Fouad Anwar guided by Professor Farzeen Hashraf was one among the selected projects.	21 November 2021

Sl. No.	Activity	Particulars	Date(s)
108	SOEIT - Field Trip to Romana Water Industry LLC, Dubai	A field trip was organized for the second-year BTech Civil engineering students to the Romana water purification plant in DIP, Dubai related to the course "water supply engineering". Students got the opportunity to tour the water treatment plant and see how the raw water goes through the 21 step stringent purification processes.	23 November 2021
109	SOB - Resume Building Session - second and third-year students	The session aimed at helping students build an effective resume to help build the interest of potential employers.	24 November 2021
110	Minutes of the Chairpersons' Meeting on 25 November 2021	Manipal Global Excellence Awards (MAGEX) MAHE Dubai Award Nominations - Dr Jason asked the Chairpersons to encourage faculty and staff to nominate awardees as the deadlines are approaching soon.	25 November 2021
111	Minutes of the Chairpersons' Meeting on 25 November 2021	Faculty Entrepreneurship Policy - During their recent visit, the Vice Chancellor and the Registrar mentioned the importance of encouraging student ventures and incubating start-ups. They also added that a policy is in place to encourage faculty/staff to start their own ventures, which in turn is in alignment with the UAE Government in making Dubai a knowledge hub. The policy has been circulated among all the Chairpersons. Dr Jason asked the Chairpersons to advise comments/suggestions by 30 November. There is also a plan to get the MAHE Dubai incubator certified by Dubai SMEs. This will make it easier for students to set up their companies inside the university and obtain appropriate licenses.	25 November 2021
112	Minutes of the Chairpersons' Meeting on 25 November 2021	Conference Preparations - Dr Jason asked the Chairpersons to send in the tentative plans for conferences by the third week of December.	25 November 2021
113	SOEIT - Field Visit	Mechanical Engineering students have visited Expo 2020. During the visit, the students explored various pavilions and learned about the technological revolution of the past, present and future.	30 November 2021
114	SODA - Urban Design Exhibition on National Day	An exhibition of the fourth-year BArch Urban Context Studio titled-Reimaging UAE towards the next fifty years was conducted and coordinated by Dipti Shukla and the urban design faculty team on the occasion of the UAE national day celebrations (year of the fiftieth) on the 30 November 2021 in the multi-Purpose Hall.	30 November 2021
115	SOEIT - Webinar on Soft Robotics	Professor Helge Wurdermann, Associate Professor of Robotics from London UK, rendered an expert session on soft robotics to IEEE RAS student members. During his session, he explained about the design, fabrication, and application of soft robotics, especially in the medical field.	5 December 2021 to 6 December 2021
116	SOMC - White Oryx International Film Festival	School of Media and Communication organised the third edition of the White Oryx International Film Festival featuring some of the best films produced by students, amateurs and working professionals from across the world. The three days festival focused on the screening of best films and concluded with an award night.	7 December 2021 to 9 December 2021

Sl. No.	Activity	Particulars	Date(s)
117	SOMC - Workshop on Photography	An interactive workshop was held on Photography organized by the SOMC in association with Nikon. Ms Chitra from Nikon School conducted the session during White Oryx International Film Festival.	8 December 2021
118	SOMC - Workshop on Digital Illustration	An interactive workshop was organized on Digital Illustration by the SOMC in association with Wacom. The session was conducted by Ms Sapna Singh during White Oryx International Film Festival.	8 December 2021
119	SOMC - Workshop on Podcasting	An interactive workshop was organised on Podcasting by the SOMC in association with SHURE. The session was conducted during White Oryx International Film Festival.	9 December 2021
120	Minutes of the Chairpersons' Meeting on 9 December 2021	New Weekend Format - The University is currently awaiting official communication from KHDA. Following the announcement, backend changes may need to be made in some of our systems.	9 December 2021
121	SOMC - Workshop on Audio Mastering	An interactive workshop was organised on Audio Mastering by the SOMC in association with AVID. The session was conducted by Mr Garry during White Oryx International Film Festival.	9 December 2021
122	Minutes of the Chairpersons' Meeting on 9 December 2021	Manipal Education System Vice Chancellors' Council (MESVCC) Meeting Report - In the recent meeting that was held last week, it was mentioned that MAHE Manipal is developing start-up incubators and encouraging more students, faculty and staff to be involved in entrepreneurship, IPs and start-ups. A few group institutions have invested heavily in Incubators - Incubators in SMUs have been able to bring out a few commercial start-ups. MAHE, Manipal has two incubators and is doing well. MUJ also has an incubator.	9 December 2021
123	Minutes of the Chairpersons' Meeting on 9 December 2021	MESVCC Meeting Report - MAHE Dubai has also set up its incubator and working towards facilitating more resources for it. The Vice Chancellor, during his visit during the Convocation week, made it very clear that MAHE Dubai should leverage the group institutions' incubators and further develop the start-up incubator in Dubai	9 December 2021
124	Minutes of the Chairpersons' Meeting on 9 December 2021	MESVCC Meeting Report - Another emphasis of the meeting was on increasing research collaborations. MAHE, Manipal has allocated a significant proportion of their budget towards research this year and move on rankings quicker. At least two papers per faculty member is a requirement. One of the ways to increase the faculty's research output would be to collaborate with group institutions with both institutions claiming the paper and citations.	9 December 2021
125	Minutes of the Chairpersons' Meeting on 9 December 2021	Final Exam Procedures - The end semester examinations will be conducted on campus adhering to all the KHDA and DHA safety protocols.	9 December 2021
126	Minutes of the Chairpersons' Meeting on 9 December 2021	Start-up Incubator – KREGZO, an entrepreneurship social circle venture has agreed to give students free access to their platform. We would request that each program coordinator encourage students to sign up for free access.	9 December 2021

Sl. No.	Activity	Particulars	Date(s)
127	School of Life Sciences (SOLS) - Halophytic Kitchen Lab Workshop	Students and faculty members from BSc Food and Nutrition Science have participated in the Kitchen Lab workshop organized by International Center for Biosaline Agriculture-Dubai.	9 December 2021
128	Minutes of the Chairpersons' Meeting on 9 December 2021	MESVCC Meeting Report - Dr Jason mentioned that he will connect the SOLS to the Manipal International University (MIU) Biotechnology Research team. He also mentioned how cadetships have been introduced in engineering programs at MIU - as students' chances of getting employment can increase. He added that he would connect Dr S K Pandey, Dean – STEM Programs, School of Engineering and Information Technology, MAHE Dubai with the Engineering Department of MIU to discuss the same and international cadetships	9 December 2021
129	Minutes of the Chairpersons' Meeting on 9 December 2021	MESVCC Meeting Report - Dr Jason also informed the members of the availability of the Professor Emeritus title – which can be extended to outstanding academicians interested in a research post their years of work at the university. This will not be a paid position and may only include annual grants for research and any travelling involved. MAHE India is developing their policy in this area.	9 December 2021
130	Minutes of the Chairpersons' Meeting on 9 December 2021	MESVCC Meeting Report - In terms of Student Mobility, each institution is putting together its top five programs that are ideally suited for Mobility to be shared with other group institutions. Discussions were held on how to promote semester exchange programs, such as waiving the accommodation costs etc.	9 December 2021
131	SODA - Field Trip to Georgia	The International Field Trip to Georgia – Tbilisi was conducted with 49 students from BArch: BDes ID and Certificate in Interior Design (CID) programs. A visit to Georgia Technical University was organized which is continued as an international collaboration through guest sessions, master class series and a formal MoU in progress.	12 December 2021 to 16 December 2021
132	SODA - Visit to EXPO 2020	Around 65 students, of SODA across all programs, visited specific pavilions at EXPO 2020 along with faculty members.	12 December 2021 to 16 December 2021
133	SOEIT - Inauguration of 3D printing club	The 3D printing club was inaugurated in the month of December 2021. A 3D printing workshop was conducted by the club. The workshop mainly dealt with the applications of 3D printing in the HVAC industry. The attendees were students and faculty from the HVAC field.	21 December 2021

## Details of Guest Visit (lectures, collaboration, visitors on campus)

### Guest Lectures:

Sl. No.	Visitor	Name of the Organization	Purpose of Visit	Date of Visit
<b>MAHE-Dubai</b>				
1	Dr Barbara Klinkhammer, HOD, the College of Architecture and Built Environment	Thomas Jefferson University, USA	Online Session on International Collaboration	22 January 2021
2	Ms Lovely Ranganath 	Dubai Health Authority (DHA) registered clinical Dietician and Senior Nutritionist at World Trade Center, Dubai	Guest lecture on topic "Beyond Diet plans"	17 March 2021
3	Ms Yasmine Rajin	Ensure group of companies-Dubai	Career Talk on "Food safety consultancy opportunities"	18 March 2021
4	Mr Balakantha Rao Kona	Manager- Innovation and Development at Borouge Innovation, Abu Dhabi	Webinar on Sustainable Polyolefins Solutions	21 March 2021
5	Dr Vishav Raksha, Director, Center of women Studies and Professor at the Department of Sociology	University of Jammu	A discourse on "Research Methodology in Social Sciences" by Dr Vishav Raksha was organized for BA Humanities students. The topics discussed were Research Methodology-Meaning and Scope, Components of Research Methodology, how to choose your research methodology?, Theoretical framework, Different tools, and techniques of data collection in qualitative and quantitative research.	4 April 2021
6	Dr Chakraverti Mahajan, Assistant Professor	University of Delhi, India	Dr Chakraverti, Assistant Professor, expatiated on "Religion and Expressions of Religion" with emphasis on Religion, Magic, Science, spirituality, and totemism.	6 April 2021
7	Mr William Baker, Structural Engineering Design Partner	Skidmore, Owings and Merrill, LLP, Chicago, Illinois, USA	The American Society of Civil Engineers, Manipal Dubai Chapter organized the fourth Tech Talk - School of Engineering and IT Burj Khalifa and the Design of Tall Buildings.	6 April 2021
8	Mr Imran Husnain	National Institute for Vocational Educations (NIVE), KHDA, Dubai	Session on Value Added Tax - Financial and Operational Aspects. Discussed the need, features, working, financial and operational aspects of VAT in UAE.	8 April 2021
9	Mr David Barcelona Director, Campus Development Office	De La Salle-College of Saint Benilde	Building Management System, Building Automation system and Acoustics	12 April 2021 to 30 November 2021

Sl. No.	Visitor	Name of the Organization	Purpose of Visit	Date of Visit
10	Mr Bobby Sujansingani	Partner and Principal Architect, Beyond Green Landscape Architecture, India	Reviewed work of Architectural Design	12 April 2021
11	Dr Rajni Bala, Assistant Professor	Government Degree College, Ghagwal, Jammu	A two-hour session on "Race and Ethnicity as a form of stratification" was conducted by Dr Rajni Bala for BA Humanities Students.	14 April 2021
12	Mr Abhijeet Pariyal	Auro Design School, India	Sculpting through miniatures and dioramas	24 April 2021
13	Dr Sudhakar T	Sathyabhama Institute of Science and Technology (Deemed University)- India	Invited Lecture: "Pharmacological Role Of Pyocyanin in Healthcare And Environmental Clean Up"	29 April 2021
14	Ms Lakshmi Saranya, Clinical Psychologist	International Modern Hospital, Dubai	A 25 hours contact session with BA Humanities students by Ms Lakshmi Saranya, Clinical Psychologist was organized on the topic "Research Workshop and Dissertation Guidance". The workshop guided the students on research and dissertation.	2 May 2021 to 30 May 2021
15	Ms Mercedes Gargallo, Façade Engineering consultant	Associate at ARUP	Session on Façade Engineering	9 May 2021
16	Dr M Karthikeyan	Alagappa University, India	Guest talk titled: "Decoding cancer medication and drug design via computational analysis of cross-talk mechanisms"	9 May 2021
17	Mr Kandaswamy Anbalagan	Managing Partner, Proleed, Dubai, UAE	Session on Building Services	16 May 2021
18	Ms Deepa Suresh	Corporate Lawyer at James Berry and Associates Legal Consultants, Dubai	Session on "Legal Aspects of Doing Business in the Middle East"	16 May 2021
19	Mr Paul Michael Gledhill	Director and Co-founder of Xpert Learning LLC, an e-Learning service and solutions provider based in Dubai	Session on Entrepreneurial Skills	19 May 2021
20	Ms P Carol (D'Souza)	Mathias- Psychologist and Counsellor at RAK Medical and Health Sciences University Ras Al Khaimah, UAE	Session on "Managing Stress and Anxiety during the COVID-19 Pandemic"	19 May 2021



Sl. No.	Visitor	Name of the Organization	Purpose of Visit	Date of Visit
21	Mr Vishnu G	Freelance Journalist	Guest lecture on Reporting	20 May 2021
22	Mr Stefan	Financial Services, Senior Business Advisor, Escher Cloud Services UK	Session on Role of Venture capital in startups	24 May 2021
23	Ms Carmen Page, Head of Counseling 	Al Mizhar American Academy	Ms Carmen Page delivered a guest lecture on the topic "Crisis Counseling- overview and practical application" for BA Humanities. The focus of the talk was on the practical implications of techniques in hostage situations and with clients with suicidal ideation and planning.	26 May 2021
24	Mr Ivor Gracias	Freelance Producer and Film Maker	Guest lecture on Film Production	27 May 2021
25	Ms Fathima Rahman	Multimedia Designer, Finsbury Grover Herring, Dubai	Session on the scope of graphics and animation in UAE	21 September 2021
26	Mr Anil Kumar Prashad	Freelance Event Manager	Session on the scope of Event Management in UAE	21 September 2021
27	Ms Anjali Bohra	Freelance Photographer	Session on the scope of photography in UAE	22 September 2021
28	Ms Ameena Navab	Journalist, South China Morning Post	Session by Amina (alumni) on opportunities for print media in UAE	22 September 2021
29	Dr Royal Pineda	Principal Architect+CEO and President of BUDJI+ROYAL Architecture+Design	Bangkota: The Philippines Pavilion for the Expo 2020	22 September 2021
30	Ms Mehak Srivastava	Special Project Editor, MEED, UAE	Session on the scope of corporate communication and public relations in UAE	23 September 2021
31	Ms Parvathi Shine	Senior Communication Specialist, Danube Homes, UAE	Session on the scope of careers in Corporate Communication UAE	23 September 2021
32	Ms Sudeshna Banerjee	Beyond numbers	An online seminar on "All About Entrepreneurship"	29 September 2021
33	Ms Shalini Nair and Ms Lakshmi Saranya	Mirdif Center for Physiotherapy and Rehabilitation and Lifeline Modern Family Clinic	SoHSS organized a talk on Stigma attached to Mental Health by Shalini Nair, Counselling Psychologist and Lakshmi Saranya, Clinical Psychologist for the Mental Health Week.	10 October 2021



Sl. No.	Visitor	Name of the Organization	Purpose of Visit	Date of Visit
34	Mr Prashanth Irudayaraj	Vice President (R&D, ZebPay)	Session on "Blockchain and cryptocurrencies-changing the way the world works"	13 October 2021
35	Professor Kang Li	National Taiwan University, Taiwan	International Faculty Interaction and possible collaboration	25 October 2021
36	Mr Jayant Deshpande	MD and CEO of Samsotech	Session on "five things if I knew in my 20's"	1 November 2021
37	Dr Chakraverti Mahajan	University of Delhi	Virtual Guest Lecture on "Fieldwork and Methodology in Social Anthropology by Dr Chakraverti Mahajan, Assistant Professor	10 November 2021
38	Mr Ahmed Khaled	British Training Institute	Guest Lecture on, "Self Authoring"(a self-development program) by Mr Ahmed Khaled, a trainer and coach in English and Skills, for BA Humanities and BSc Applied psychology students.	15 November 2021
39	Ms Antonia Bezoni	Røyken Health Station-Asker Commune, Norway	Guest Lecture on the Pre-natal Environmental Influences by Ms Antonia Bezoni, a Midwife and Lactation Consultant (Inter-Disciplinary) was held for the students of BA Humanities as part of their course in Developmental Psychology.	21 November 2021
40	Dr Peng Du, Assistant Professor and Director, Master of Urban Design	Jefferson University, USA	Sustainable Cities of the Future: Typology, Performance and Intelligence	22 November 2021
41	Mr Ram Prakash, Technical Consultant – Autodesk Architecture, Engineering and Construction (AEC)	Al Suwaidi Computer Co LLC	Conducted an Expert Session on "BIM in Architecture, Engineering and Construction" for BTech Civil Engineering students who benefited from the session which highlighted the relevance of building information modelling and the associated career paths in the construction sector.	22 November 2021
42	Mr Frank Cui, Mr Ang Chien Tern and Edison Guo	Expert from Godon China	Cubicost 5Dimensional (5D) Building Information Modeling (BIM) for Quantity Takeoff	23 November 2021
43	Ms Ninu Charles B-Tech, MSc (QS), CCE, MAIQS, ACIArbS	Trust cost Project Management, Dubai	To facilitate a Guest Session – "Career trajectory in Quantity Surveying and Cost Controlling in Construction" BTech Civil Engineering students gained insights into the huge scope of quantity surveying and cost management in the construction sector; and also the process of professional registration and chartership in this domain.	28 November 2021

Sl. No.	Visitor	Name of the Organization	Purpose of Visit	Date of Visit
44	Ms Riya Rahiman	United Nations Development Program (UNDP) Senior Infrastructure Resilience Specialist	Talk on "Building resilient cities with Nature-based Solutions (NbS)". Participants including students and faculty from SOEIT and SODA were enriched by the Tech Talk focusing on Climate-resilient Infrastructure, blue-green construction and various policies adopted to help the sustainable development of cities in terms of proper planning to cater for climate change, extreme events, and natural hazards.	5 December 2021
45	Dr Peter Scriver and Dr Amit Srivastav	The University of Adelaide	A review session at Urbancontext studio was coordinated by Dipti Shukla and Ameeta Kale.	6 December 2021
46	Mr Daniel B George	Award-winning music composer	Session on sound in cinema production	6 December 2021
47	Dr Amrita Singh	FogPharma, Cambridge USA	Guest Lecture on "Academia to industry-my scientific journey"	6 December 2021
48	Mr Murli M Iyer	President and CEO – Global Advisory Group and Executive Global Advisor – SAE International	Activities and Possible collaborations	13 December 2021
49	Mr M Dhananjayan	CEO, Focus Group-India and the Middle East	Events, Internships and Possible collaborations	13 December 2021
50	Mr Abdul Salim	Taylor Shennon International LLC Dubai	Career Talk on "Certifications and career prospects in Food safety"	23 December 2021

#### Details of Publications:

National		International	
Indexed	Non - Indexed	Indexed	Non – Indexed
0	0	47	16

#### Conferences attended by Institution faculty and students:

Faculty		Student	
National	International	National	International
2	30	2	22

## Details of Conferences/Workshops conducted by the Institution:

Particulars	National	International
Conference	1	5
Workshop	7	13
Seminar	0	18
Other	1	20

## Books/chapters authored by faculty members:

Sl. No.	Name of the Book	Chapter(s) name (if authored, chapters only)	Faculty members	Publisher	Date
1	Nano phytomedicine: An Emerging Platform for Drug Delivery	Nano-Phytochemicals in Cancer Therapy: Update on Preclinical Evidence	Dr Arif Hussain and Dr Madhumitha Kedhari	Taylor and Francis group CRC press	21 December 2021
2	Book On Reactive Distillation-Advanced Control Using Neural Network		Dr Vandana Sakhre	De Gruyter Publishing House, Germany	31 December 2021
3	Autonomous Driving and Advanced Driver-Assistance Systems (ADAS) Applications, Development, Legal Issues, and Testing		Dr Amit Kumar Mondal	CRC Press	16 December 2021
4	Lecture Series in Electrical Engineering, Springer Nature	Dimensionality Reduction Using Principal Component Analysis for Lecture Attendance Management System	Dr Ramaprasad Poojary	Springer Nature	31 January 2021
5	Emergent Technologies New Media and Urban Life	Book Editor	Dr Bhakti More	Common Ground Research Networks, University of Illinois Research Park, USA	3 January 2021
6	Polemics of Presentation and Representation in Literature	Chapter 45- Transition from Traditional Culture to feminism in the Poems of Maya Angelou	Professor Sameena Iqbal	Emerald Publishers	30 November 2021



## Details of Research Grants:

Sl. No.	Project Name	Principal Investigator	Funding Agencies	Total Grants Received (INR)	Date(s)
1	Building Solar powered home	Dr Ravishankar Dudhe and Dr Bhakti More	Dubai Electricity and Water Authority (DEWA), Solar Decathlon Middle East 2021	82,93,794.00	1 January 2019 to 31 December 2021
2	Building Solar Powered home	Dr R S Dudhe and Dr Bhakti More, Mr Deep Aranha	Emirates Electrical Engineering (Solar PV), Master Builders (EFIS Cladding), Electrolux (Electrical Appliances), Airzone + BETA + Daikin (HVAC + Air filers), Energie (Solar water heater) Ideal Standard (Sanitaryware), Smart IoT (Automation), ANID (Carpentry), Standard Carpet (Carpet), 3-Phase services (Energy monitoring and control)	56,39,780.00	1 January 2019 to 31 December 2021
3	VIBrain	Dr Sophia Rahaman	Expolime Innovation Program	5,43,860.00	1 February 2019 to 30 September 2019
4	Analysis of the anti-cancer potential of Bioactive compounds luteolin and Myricetin in Human cervical cancer cells"	Dr Arif Hussain (Co-PI)	Research Incentive Fund Grant of Zayed University-Dubai	42,64,000.00	1 April 2019 to 31 March 2021
5	Architectural and Urban Development of Sharjah: Spatial Analysis of Museums Typology	Dr Ashok Iyer	Sharjah Museum	1,75,000.00	12 June 2019 to 16 December 2019
6	Design and Development of a Solar Desalination System assisted by thermoacoustic cooling	Dr S V Kota Reddy	ASHRAE	2,13,659.00	8 July 2019 to 8 July 2020
7	Baja Project	Mr Sampath Suranjan, Dr Rajiv Selvam	Sparklet	7,76,943.00	10 July 2019 to 10 January 2020
8	Final Phase III-Analysis of classification of approaches of learning in Architectural Education through NVivo 12 and SPSS	Dr Ashok Iyer	MAHE Dubai	2,04,185.00	1 November 2019 to 1 October 2020

Sl. No.	Project Name	Principal Investigator	Funding Agencies	Total Grants Received (INR)	Date(s)
9	EXPOLIVE research support from CSE	Dr Sophia	EXPOLIVE University Innovation	5,55,914.00	1 January 2020 to 30 June 2020
10	Experimental Investigation of Fabric Reinforced polymer composite laminate for Ballistic Applications	Dr Rajiv Selvam (PI)	MAHE Dubai	1,98,541.00	1 January 2020 to 31 October 2020
11	SOLIDWORKS licence	Professor Sampath	SOLIDWORKS	24,81,760.00	1 January 2020 to 30 September 2020
12	Team Tawazun	Dr Ravishankar	SDME, DEWA	79,41,630.00	1 January 2020 to 31 October 2021
13	Team Tawazun	Dr Ravishankar	Spencer Interiors	99,270.00	1 January 2020 to 31 October 2021
14	M1 DOBOT - Collaborative Robot Arm and various other accessories	Prof. Ganesan, Mr Farzeen, Dr Amit Kumar Mondal	EdNex as a part of Industry engagement to support Labs, Projects, and Research activities	7,94,163.00	1 February 2020 to 31 May 2021
15	Blockchain mobile application	Prof. Ganesan	Blockchain Innovative challenge	1,98,541.00	01 February 2020 to 30 June 2020
16	Design Solar Desalination System Thermoacoustic cooling	Dr S V Kota Reddy	ASHRAE	2,18,395.00	01 February 2020 to 31 December 2020
17	Design & Fabrication of Hybrid Desiccant and vapour compression cycle dehumidification system	Dr S V Kota Reddy and Professor Sampath	MAHE Dubai	99,270.00	01 June 2020 to 31 October 2020
18	Collaborative Research Project on Epoxy Diluents	Dr Vandana Sakhre	Masters Builders Construction Chemicals (BASF), Dubai	3,26,568.00	1 September 2020 to 31 August 2021
19	Collaborative Research Studies on Epoxy Resin Diluent	Dr Vandana Sakhre	BASF	1,48,906.00	1 October 2020 to 31 March 2021

Sl. No.	Project Name	Principal Investigator	Funding Agencies	Total Grants Received (INR)	Date(s)
20	"Analysis of anti-cancer effects of the dietary agent in human cervical cancer cells"	Dr Arif (Co-PI)	College of Applied Medical Science, Qassim University-KSA	7,80,000.00	1 January 2021 to 30 June 2022
21	"Molecular characterization of microorganisms from water/wastewater and soil environments"	Dr Faheem (Co-PI) Dr Naushad (Co-PI)	Zayed University Department of Life and Environmental Sciences	12,00,000.00	1 January 2021 to 31 December 2021
22	To build a LEAD zero Solar based home that strikes the perfect balance between vernacular design and modern technologies	Dr Ravishankar Dudhe	TAWAZUN: Solar-decathlon Middle east 2020 Dubai Electricity and Water Authority (DEWA)	82,93,794.00	1 April 2021 to 31 December 2021
23	Team Tawazun Solar Decathlon Middle East	Dr R S Dudhe, Dr Bhakti More, Ms Deep Aranha	Solar power system for NetZero Solar powerhouse	56,39,780.00	1 April 2021 to 31 December 2021
24	Octabin prototype development	Dr Sophia Rahaman	Research and Development Program (R&DP), MAHE Dubai	1,45,141.00	1 April 2021 to 31 March 2022
25	A self-Navigation robotic platform for research and development	Dr Abdulla K P	Research and Development Program (R&DP), MAHE Dubai	1,65,875.00	1 April 2021 to 31 March 2022
26	Design and Simulation of a Hemodialyzer membrane using FME	Dr Ravishankar Dudhe	Research & Development Program (R&DP), MAHE Dubai	3,73,220.00	1 April 2021 to 31 March 2022
27	Design and Fabrication of rotary type humidifier in arid regions	Professor Sampath	ASHRAE	2,80,000.00	1 September 2021 to 31 January 2022
28	Centrifugal Humidifier	Professor Sampath	ASHRAE	84,500.00	1 September 2021 to 31 January 2022
29	"Study of anti-cancer properties of Naringenin/Apigenin on human cancer cells"	Dr Arif Hussain (PI) Dr Faheem SM (Co-PI) Dr Naushad Rais (Co-PI)	MAHE Dubai Internal Grant	1,80,000.00	1 December 2021 to 30 November 2022

Sl. No.	Project Name	Principal Investigator	Funding Agencies	Total Grants Received (INR)	Date(s)
30	Hydraulic Connectivity of surface water groundwater reserves: A regional Assessment	Professor Deepa Varghese	Manipal Research Grant	1,00,000.00	1 December 2021 to 30 November 2022
31	Urban Studio Research Project USRP-humane Living conditions for Migrant workers in Dubai	Dipti Shukla	MAHE Dubai	30,000.00	1 January 2022 to 31 December 2024
32	TRIZ Principles as an Innovation Aid to Design Thinking in the context of Product Design Coursework (An Application)	Vidya Rao	MAHE Dubai	40,000.00	1 January 2022 to 31 December 2023
33	Analysis of bonding of eternally bonded fibre reinforced polymer to RC beams	Dr Surumi R	Research and Development Program (R&DP), MAHE Dubai	2,07,344.00	1 April 2022 to 31 March 2022



#### Awards/Recognitions:

#### Institution (including "The Best Teacher Award" for the year)

Sl. No.	Name	Details	Date
1	Professor Wilma Serrao	Won MAHE Dubai Teaching Excellence Award 2021	5 September 2021
2	Dr Surumi Rasia Salim	Australian Innovation Patent AU2021102873	8 September 2021
3	Dr Rajiv Selvam	MAGEX Manipal Global Excellence Awards 2021-22, Academic Excellence – Teaching (Senior)	21 December 2021
4	Innovation Excellence Award - MAHE Dubai Mental Wellness Club -SoHSS - Professor Elsa, Dr Richa, and Professor Zeba	SoHSS faculty were awarded the Innovation Excellence award for their innovation in the inception of MAHE Dubai Wellness Hub	21 December 2021
5	Dr Arif Hussain	MAGEX 2021 Academic Excellence (Research) award	21 December 2021
6	Dr Sowmya Rao	MAGEX 2021 Rising Star award (Academics)	21 December 2021
7	Dr Surumi Rasia Salim	MAGEX Manipal Global Excellence Awards 2021-22 – Academic Excellence Teaching (Junior)	21 December 2021
8	GCC Regional Champion (Asia Pacific) award for the year 2020 by CGMA Global University (CIMA)	The award recognizes university partners that trained CIMA's Top Students. The results of these students are based on CIMA case study exams that were held in August & November 2020 and February & May 2021.	31 December 2021

## Faculty Members

Sl. No.	Name	Details	Date
1	Professor Ganesan Subramanian	Best Paper Award – IEEE Conference held at Amity University, Dubai, UAE	31 March 2021
2	Dr Percy Fernandes	Public Exhibition of his travel photographs at Al Seef organised by IBrandConnect	10 May 2021
			
3	Dr Faheem S M	Jury Award for “Automated Macroalgae farming at coastal regions” presented at the Youth Earth Summit jointly organized by the University of Wollongong in Dubai and the International Centre for Biosaline Agriculture, UAE.	22 May 2021
4	Assistant Professor Allan Lompot	CEO Excellence Award by Manipal Education (MENA) FZ LLC	1 June 2021
5	Professor Wilma Serrao	Certificate of Appreciation for the academic activities undertaken during the pandemic from MAHE Dubai	1 July 2021
6	Professor Sivaprasad Nandakumar	Certificate of Appreciation for the academic activities undertaken during the pandemic from MAHE Dubai	1 July 2021
7	Associate Professor Antima Kuda	ASIA - GCC Teaching Excellence and Leadership Award in Education - Architecture	30 July 2021
8	Dr Noor Ulain Rizvi	Professional Development Grant 2021 received from MAHE Dubai	5 September 2021
9	Dr Noor Ulain Rizvi	Best Young Researcher Award (Female) (Below 40 Years) (Overseas) at 3rd International Academic and Research Excellence Awards (IARE)- 2021	11 September 2021
10	Ms Soumya Sasidharan	Global Academy of Training & Research (GATR). Best Presenter Certificate in Recognition of Outstanding Contribution. The Role of The Insurance Industry in Promoting Environmental Sustainability.	9 October 2021
11	Dr Sowmya Rao	Second prize for “Social Media Influences on Food Habits and Lifestyle Patterns” presented at Dubai International Food Safety Conference.	20 November/2021
12	Dr Percy Fernandez	Featured in Frontline Magazine as a wildlife photographer and traveller	20 December 2021
13	Dr Noor Ulain Rizvi	Rising star award (Academics) at Manipal Global Excellence Awards 2021 MAHE Dubai.	21 December 2021
14	Dr Bhakti More	Spirit of Manipal Award, MAGEX MAHE Dubai Awards 2021-22	21 December 2021
15	Professor Elsa Ashish Thomas- the Best People Manager Award	Professor Elsa Ashish, the Head of the School of Humanities and Social Sciences won the Best People Manager Award for her interpersonal and managerial skills.	21 December 2021

## Students

Sl. No.	Name	Details	Date
1	Ms Tania Thomas	Award for highest mark by a student in both the UAE and the Middle East Region in the Taxation paper of the ACCA examinations held in March 2021.	1 March 2021



Sl. No.	Name	Details	Date
2	Ali Hussain, Sheha Thazhathethil, Sumaiya Islam	Students from sixth-semester BTech - Civil Engineering secured the second position in the "Design Solution 2020" organized by IStructE (The Institution of Structural Engineers).	9 March 2021
3	Basil Ismail	Basil Ismail, a student from BTech - Civil Engineering, secured the third position in the "Design Solution 2020" organized by IStructE (The Institution of Structural Engineers)	9 March 2021
4	Sreejith Sanal Kumar, Reuben D'Costa	First Place-Inter University ASHRAE Research Poster competition	29 March 2021
5	Subbiksha Sugumar, Parvathi Anil Kumar	Best Presentation-Inter-University ASHRAE Research Poster competition	29 March 2021
6	Krishna Ajith	Energiomex'21: Secured the second place for showcasing the project - title: Bio Wall during Energiomex International Project Competition 2021, by ASHRAE	8 April 2021
7	Won the third place and the title - Ultimate Debater Unleashed in the GCC Debate Competition 'Unleashed 2021'	The second-year student, Ayman Sayed of BA Humanities, SoHSS represented the Orator's Club and won the prize in the Gulf Cooperation Council (GCC) Debate Competition, "Unleash 2021" hosted by SP Jain School of Global Management on 24 April 2021. This Digital GCC-level debate competition with representation from UAE, Saudi Arabia, Qatar, Kuwait and Bahrain, had 120 participants from 40 universities.	24 April 2021
8	Neti Sai Vijay	Won second prize in ASHRAE Student Chapter competition "Energiomex" conducted in April 2021.	30 April 2021
9	Mr Shaikh Omais	Second place in GCC Debate Competition, "Unleash 2021" hosted by SP Jain School of Global Management.	1 May 2021
10	Ms Razla Melekandy	Regional Prize Winner (GCC)-CIMA Strategic Case Study Exam.	1 May 2021
11	Mr Osman Mohammed, BSc Biotechnology, Ms Kanisha Krishnakumar, Juweriah Tabassum – both from B.Sc. Food and Nutrition Science	Jury Award: "Automated Macroalgae farming at coastal regions" presented at the Youth Earth Summit jointly organized by the University of Wollongong in Dubai and the International Centre for Biosaline Agriculture, UAE.	22 May 2021
12	Krishna Ajith	AEIT'21: Secured the Best Poster Design Prize for presenting a research paper-based poster on "Viscous fluid Dampers".	25 May 2021
13	Huda Sharif, Basil Ismail, Ali Hussain	Team Habitable, won the second prize in the "Design Engineer Construct Discover Award" (DEC Challenge) hosted by the Institution of Civil Engineers (ICE), UAE Chapter. The winners received internship opportunities with leading engineering firms such as WSP, Mott MacDonald and Atkins.	26 May 2021
14	Ms Amritha S B, Ms Aleena Jimmichan, Ms Alena Sajee, Ms Amanna Mallick	First Place in the Eighth Undergraduate Research Competition conducted by Abu Dhabi University.	8 June 2021

Sl. No.	Name	Details	Date
15	First Prize: Ajmal Roshan, Dsa Carylene Dolphy, Shaun Shaji, Steve Manoj. Second Prize: Ayesha Rahaman, Manaal Ganguli, Rochelle Lewis, Tayeba Usmani. Honourable mention: Five teams of third and fourth-year BArch	The Students of SoDA participated in the P and T Student Competition. Around eight entries from SoDA were shortlisted in the top 10 of which first, second and third prize winners were group entries from third-year BArch. In addition, four group entries from third-year BArch and one solo entry from fourth-year BArch received honourable mention along with two students from American University in Dubai. The winning teams received – the first prize of 10,000 AED, second prize of 6,000 AED, and third prize of 4,000 AED. Third-year BArch Faculty: Dr Bhakti More, Ranjana Dobriyal, Vidya Rao, Rishita Vennela, Sai Pranathi, Saloni Narula Shanthalakshmi, Areeba Fatma, Shradha Anish, Gwyneth Dsa, Shwetha Deth, Antara Diwan, Rishita Modi, Aastha Sharma. Fourth-year, BArch faculty: Sonu Sibi	11 August 2021
16	Aayush Saran	Fourth-year final Design Thesis titled “NEEV: Sustainable and Affordable Housing”, mentored by thesis guide Dipti Shukla was awarded a special mention award for an outstanding project at the international competition – C40 Reinventing Cities, a competition launched in 18 world cities. Aayush project was selected from around 90 entries and the certificate was awarded by the C40 cities Director and the cabinet minister for Urban Development, Government of NCT of Delhi, India.	1 September 2021
17	Sai Rohit Behara, Subbiksha Sugumar, Bevan Jude	Best Engineering Design Award at ASME Additive Manufacturing 3D Printing Competition	2 October 2021
18	Sreejith Sanal, Kumar Parvathi Anil, Subbiksha Sugumar	First Place at ASHRAE (Region at large)	23 October 2021
19	Sariga, Swetha, Gweneth, Shraddha and Aishwarya, fourth-year BArch	Won the Top 10 Best Model Presentation Category in “Architecture Model Competition” organized by Mango Architecture in collaboration with Archi Voice, they were mentored by Dipti Shukla.	24 October 2021
20	The team of students of the first-year MDes Program and Alumnus of SoDA	Won the CIBSE UAE Chapter Inter-University Competition for designing Net Zero Office Building and will receive 5,000 AED as a cash prize with publication in CIBSE Journal and Presentation at CIBSE Net Zero Conference.	1 November 2021
21	Ms Sadhana Venkatesh, BA Media student	Featured in media for her recent music video. She has recreated one of the prominent Tamil classic song-Kannum Kannum Kalandhu in her recent music video by Saregama, Tamil.	1 November 2021
22	Krishna Ajith	UAE IEEE Day: Second place in Community Service Project: Under the supervision of Dr Bhakti More, students - Krishna Ajith (third-year MTE) and Kimberly Almeida (Aluma) organized a four-month long e-waste collection drive campaign. Due to the COVID-19 pandemic, electronic waste had alarmingly increased in the UAE. Their rendered service helped recycle around 1,000 kg.	6 November 2021
23	Ms Rebecca Violet Sanctis, Ms Mekha Jafri David, Ms Sreyaa Susan Eby	Second prize in the “E-Case Folio”, a case analysis and presentation competition, organized by Gitarattan International Business School, India	15 November 2021

Sl. No.	Name	Details	Date
24	Marian Fernandez, Esther Adaji, Najira Banu - all from MSc Nutrition and Dietetics	Second prize winner: "Social Media Influences on Food Habits and Lifestyle Patterns" presented at Dubai International Food Safety Conference.	20 November 2021
25	Subbiksha Sugumar	First Prize in the 6th Speak Out for Engineering (SOFE-2021) competition organized by the Institution of Mechanical Engineers (IMechE)	20 November 2021
26	Faoud Anwar	Mr Fouad's final year project got selected to be showcased in DIAC Engineering Innovation Competition.	21 November 2021
27	Winners up of Sustainable Living: A Path for a Greener Future and overall second runners-up at the prestigious 21st Inter-College Environmental Public Speaking Competition.	The students of BA Humanities, SoHSS, MAHE Dubai Campus emerged winners in the category – Sustainable Living: A Path for a Greener Future at the prestigious 21st Inter-College Environmental Public Speaking Competition organized by Emirates Environmental Group (@eegemirates). Our students competed with 22 prestigious universities in their category. Apart from this, the team won overall second runners up amongst 73 local and international teams from 10 different countries.	24 November 2021
28	Subbiksha Sugumar, Sai Rohit Behara, Reuban, Vivian	First Place in DIAC'S 1st Engineering Design Competition	29 November 2021
29	Sherrin Ann George, Student of third-year BDes (ID)	Awarded second prize for Binghatti Photography Competition organized by Binghatti Developers to photograph their buildings. She received 10,000 AED as a prize.	1 December 2021

### Extra-Curricular Activities:

#### Sports Activities:

##### In Institution:

Sl. No.	Event	Details	Date(s)
1	International Yoga Day	Staff were engaged and participated in International Yoga Day.	21 June 2021
2	Week of Welcome (WOW) - Sports	Freshers were engaged in different sports activities.	19 September 2021
3	MAHE Sports Tryouts	Tryouts for the University team were conducted in Badminton, Basketball, Football, Volleyball, Table Tennis, Cricket, and Throwball.	17 October 2021

##### Outside University:


Sl. No.	Event	Details	Date(s)
1	BITS Sports Fest Cricket (boys)	Won Gold	15 November 2021
2	BITS Sports Fest Badminton (boys)	Won Silver	15 November 2021
3	BITS Sports Fest Chess (boys)	Won Bronze	15 November 2021
4	BITS Sports Fest Throwball (girls)	Won Bronze	15 November 2021

Sl. No.	Event	Details	Date(s)
5	BITS Sports Fest	MAHE Dubai Students participated in Pre-Quarterfinals in Football (boys), Badminton (girls), Volleyball (boys), Basketball (boys), and the first round of Table tennis (boys).	15 November 2021
6	Inter-University Cricket-Ajman	Won Silver	18 November 2021


### Cultural Activities:

#### In Institution:

Sl. No.	Event	Details	Date(s)
1	Week of Welcome (WOW) Freshman Orientation	Freshmen were welcomed to the University through a week-long Orientation Program where students were invited to participate in activities ranging from cultural performances, sports challenges, games and photo booths.	19 September 2021
2	Spirit of Ramadan – Online Photography Challenge	A photography challenge with the theme of Ramadan was conducted across the university.	25 April 2021
3	MAHE Dubai Unplugged 2.0	Unplugged is an annual virtual talent show that provides students with a platform to showcase their talent online. This allows our students to break the barrier of performing on a physical stage and connect with their peers without any inhibitions or restrictions. Students showcase their talent in dance, music, literature, art, photography and other exceptional fields such as fashion design and origami to name a few. The second version of unplugged was dedicated to the theme of hope, assurance and similarity in diversity based on a song by John Lennon, a legend in popular rock music, "Imagine".	6 June 2021
4	MAHE Dubai Unplugged 2.0 Award Ceremony	Students competed in nine categories involving jury choice awards and popular choice awards. The program was hosted online and telecasted live to students, families and faculty.	8 July 2021
5	Industry Mentorship Program	The Society of Innovators and Entrepreneurs (SIE) initiated the "Industry Mentorship Program" wherein all club members got a chance to interact and listen to experts from various industries and improve their networking skills. At the end of the program, each participating member received a digital certificate.	28 September 2021
6	The Idea Challenge	SIE hosted a series of webinars that intended to challenge students' creativity and business skills. "The Idea Challenge" started with two training sessions by industry experts and will be followed by an elevator pitch competition in the next academic year.	26 May 2021
7	Elocution Challenge by Debate Club	Students created a short one-minute video on "Education in The Post-COVID Era" as part of an Elocution Challenge	25 April 2021
8	Entrepreneurial Mindset, Workshop by Entrepreneurship Club	Entrepreneurship club students took the university students on a journey of how they developed their entrepreneurial mindset and how they plan to impact the community here on.	25 April 2021

Sl. No.	Event	Details	Date(s)
9	Basics of Acting Workshop by Theatre Club	Participants learnt the basics of acting and theatre and how they can develop their personality through this medium in an interactive workshop conducted by a famous theatre and short film director Mr Tanveer Ahmed.	2 May 2021
10	Poetry writing workshop by Literary Club	Participants were trained by Nupur Nair, the owner and founder of POETIXU, on enhancing poetry-writing skills.	4 May 2021
11	Mental health and wellbeing talk by Community Outreach and Wellbeing Club	A Counselling Psychologist, Ms Kritika Mathur, provided training on how to deal with friends and families dealing with mental health issues and the best ways to spread awareness in the community on psychological wellbeing.	27 April 2021
			
12	Alumni talk by Environment Club	Kimberly and Sundara, alumnae of MAHE, Dubai currently working in the environmental industry in UAE, came together with Lakshmi, our existing environment club student to discuss how they made the most of the environmental club at campus and further lead discussion on making positive impacts in the community.	28 April 2021
13	Music as your career by Music Club	DJ Nikhil took students on a journey of how he grew as a musician without any formal music training and how you can also do the same.	29 April 2021
14	Leadership workshop by Toastmasters Club	Participants got a taste of an actual toastmasters meeting that included impromptu speeches, speeches on coaching and leadership and a lot more.	1 May 2021
15	Group dance performance by Dance Club	Participants watched a scintillating performance by the existing dance club students.	5 May 2021
16	National Day Celebrations	University students and faculty were greeted traditionally with Qawah (Arabic coffee) and dates. Students enjoyed the local Arabic cuisine and henna stalls before the cultural show began where the audience was treated to a local Emirati dance, an Arabic-English fusion song hailing the Emarat, a skit on the local attractions around the country and an art exhibition showcasing the ideas of our final year urban design students on how each emirate will progress in its infrastructure in the next 50 years.	30 November 2021
17	The Reconnect Challenge	This activity involved taking up a 30-day challenge to unite with the nature by doing simple actions like trying to weave a story by looking at the shape of the clouds, watching a David Attenborough documentary, growing a plant, learning about a new wildlife species, each activity imposing on the fact to leave phones behind, and just focus on spending instead time with the nature.	5 September 2021
18	Art as Your Career by Art Club	Students learnt to develop their art skills with a professional artist, Mrs Ritwika Choudhary, from a famous art studio, palette Dubai and discussed the nuances of the art industry in UAE along with the art club mentor, Dr Shaji Panicker.	26 April 2021

**Inter Institution:  
Outside University**

Sl. No.	Event	Details	Date(s)
1	Poetic Heart 2021	Poetic heart-An Inter-School Poetic Symposium where one student from each university is selected to read a poem on a humanitarian topic. Biji Sara was selected from MAHE Dubai to read her poem.	11 February 2021
2	E-Waste collection	The Manipal Environment Conservation Society (MECS) club has initiated an e-waste recycling station at the campus. It is an all year long ongoing process. Students are urged to collect e-waste from the neighbourhood and deposit it at the campus. This will be handed over to an agency and they would recycle it. From April to June 2021, around 1,000 kg was collected from students and handed over to Enviroserve. For this initiative, MAHE Dubai has won the "Sustainable Campus Initiative-Sci Award" from Environment Agency, Abu Dhabi.	2 April 2021
			
3	Institute of Electrical and Electronics Engineers (IEEE) UAE day – Community	MECS student branch members participated in the 15th IEEE UAE student's day held on 6 November 2021. They displayed projects under the category of Community Service Project (CSP). They won the second prize for the CSP during the competition. This year IEEE day was hosted by Ajman University, UAE more than 150 students from around 14 universities demonstrated projects during the occasion of IEEE UAE students' day 2021. Under the supervision of Dr Bhakti More, students Krishna Ajith, Kimberly Almeida, and Fathima Thamanna organised a four-month long e-waste collection drive campaign. Due to the COVID-19 pandemic, electronic waste had alarmingly increased in the UAE. Their rendered service helped recycle around 1,000 kg of e-waste with the help of a leading e-waste recycling agency in UAE.	6 November 2021
4	Solar Decathlon Middle East (SDME) Visit	MECS club members had the opportunity to visit the Solar Decathlon Middle East 21 (SDME) Exhibition Village. Students had the opportunity to learn about sustainable housing aspects and net-zero structures from the exhibited houses. The University's own team "Tawazun" had participated in SDME'21.	1 November 2021
5	One Root One Communi-Tree (OROC) Challenge	Student members of the MECS club, MAHE Dubai strode ahead and collected around 70 kg of recyclables and submitted it to Emirates Environmental Group (EEG). The recyclables included paper and plastic. This event was held as part of EEG's one root one Communi-Tree challenge (OROC'21 Challenge). As a memento of the successful participation and contribution of recyclables, a tree was planted in name of the MAHE, Dubai campus.	1 September 2021



WOW Week - freshers engage in sports challenge



UAE National Day Celebrations

National Day Celebrations - enjoying Qawah



Innovation Excellence Award won by SoHSS Faculty



Halophytic Kitchen Lab Workshop



Site Visit – One Za'abeel Towers, Dubai – housing the longest cantilever on the planet.



MAHE Dubai Cricket Team - Winner BITS Sport Fest



First Place in DIAC'S 1st Engineering Design Competition



A picture taken after the Entrepreneurship Pitch and Global Business Strategy Case Analysis, conducted for the MBA Executive graduates.



Field Trip to Georgia 2021



Winners of Best Short film receiving awards during the third edition of White Oryx International Short Film Festival 2021.





**XVI**

**Library Resources**

## SEARCH - The KMC Health Sciences Library

Address: MAHE, Manipal – 576 104

Phone Number:0820 29 22358; 22293

Email-Library: lib.kmc@manipal.edu Chief Librarian Email: shiva.bhat@manipal.edu



Name of Chief Librarian: Dr Shivananda Bhat K

Year of Establishment of Library: 1953

### Brief about Library

Manipal Academy of Higher Education (MAHE) has an excellent Health Sciences Library, perhaps the best among all Health Sciences Libraries in India. The state-of-the-art library stretching over 1.5 lakh sq ft, on five levels is a domain for information seekers; be it students, faculty, or researchers. It has the capacity to accommodate 1,300 students at a time. Besides the comfortable seating and reading environment, the library is well equipped with modern facilities such as access to the internet and web resources, including online journals and e-books. The

library is providing a growing range of databases on the campus network. Access to e-resources subscribed by the library has also been provided for off-campus users. The library has provided a “Web-Scale Discovery Service” (Single Window Search tool) to find relevant information across all libraries subscribed web resources, open-access resources, library catalogue and MAHE digital repository using the single search box. All the library services have been automated on modern line using Koha software. The library is enabled with Radio Frequency Identification (RFID) technology, Wi-Fi, and security systems

with Closed Circuit Television (CCTV). The library is providing various research/project support services like - access to Turnitin (plagiarism check) and Grammarly (online grammar and spelling checker), organizing author workshops, literature search service, and access to bibliographical and citation tools i.e.,

Scopus and Web of Science. There is a separate audio-visual room, computer lab, group study area and private study area in the library. The library has all the facilities for the students to learn. The Health Sciences Library is committed to providing world-class information support to its users.

## Services of the Library

Sl. No.	Name of the Facility
1	<b>Reference Service:</b> Reference service is a personal aid provided to the user by the library staff in interpreting library collections for study and research. The library staff assists the user to locate needed information from the available information resources. On the basis of the collection, the library provides a reference service to its users.
2	<b>Current Awareness Service:</b> Currently, the library offers the following current awareness services to the users. <ul style="list-style-type: none"> <li>• Display of new additions in the library</li> <li>• Publishing of "new acquisition" in library microsite</li> </ul>
3	<b>Circulation:</b> The books are issued to interns, postgraduate students, research scholars and faculty members. Bound/unbound journals, audio-visual materials and CDs are for in-house use only.
4	<b>Photocopying:</b> Through this service, users can get photocopies of articles from journals and books as and when required.
5	<b>Inter-Library Loan/Document Delivery:</b> The library helps to obtain photocopies of the references from DELNET (Developing Library Network), New Delhi and other libraries. Further, the library augments its collection by acquiring reading materials not available for the use of its faculty members, research scholars and postgraduate students from several outside sources on an inter-library loan basis.
6	<b>Computer Services:</b> The computer lab of the library offers computer services to users such as word processing, laser printing, colour laser printing and document scanning.
7	<b>Internet Access/Wi-Fi:</b> The library has a separate "Internet Browsing" section. Twenty-nine desktop computers are reserved for the use of the students, six for the faculty members and six for the postgraduate students. Also, twenty-one desktop computers are reserved for the use of the students for accessing e-resources subscribed by the library in all the internet kiosks provided at Level I to IV in reading halls. Further, a Wi-Fi facility is also available in all the reading halls.
8	<b>OpenAthens (SSO-Single Sign-on) - Remote Access to Subscribed e-Resources:</b> Access to the subscribed e-resources of KMC Health Sciences Library, remotely is available to all the users (students, researchers, and faculty members) of Health Sciences Institutions of MAHE at the Manipal campus through OpenAthens account. OpenAthens account is configured with the users' Office 365 Outlook email account (manipal.edu/learner.manipal.edu). The eligible/authorized users' authentication has been done through Office 365 (manipal.edu/learner.manipal.edu) via OpenAthens.
9	<b>OPAC (Online Public Access Catalogue):</b> Users can search all the print resources (books, journals, back volumes of journals, WHO publications, etc.) of the Health Sciences Library and other libraries of MAHE through Library's online catalogue – the OPAC (Online Public Access Catalogue).

Sl. No.	Name of the Facility
10	<b>Training in Accessing e-Resources:</b> Library arranges training sessions from time to time for the users in conducting effective literature searches using e-resources.
11	<b>Author Workshops:</b> The library organizes author workshops in collaboration with various publishers for supporting library users in their article publishing process.
12	<b>Turnitin:</b> The library checks the originality of the documents on request using Turnitin anti-plagiarism software.
13	<b>Grammarly:</b> Grammarly is the world's leading automated proofreader. It checks for more than 250 types of spelling, grammar, and punctuation errors, enhances vocabulary usage, and suggests citations.

### Library Resources (Total collection of library resources as of 31 December 2021)

Collection	Total
Books	68,973
e-Books	20,313
Journals & Online Journals	7,748
Back volumes of journals	40,439
CDs	929
WHO publications	2,115
Dissertations	9,137
Online databases	23

### Details of guest visit

Sl. No.	Visitor Name and Designation	Name of the Organization	Purpose of visit	Date
1	Shri Somabhai Modi, Chairman	Sarvodaya Seva Trust, Gujarat	Library visit	22 November 2021

### Paper presented by faculty

Sl. No.	Name of the Faculty	Name of the Workshop/ Conference	Title of the paper/poster presented, with the name of the Co-Authors	Date	Place	State/ National/ International
1	Dr Mahabaleshwara Rao	International Conference of Agricultural Librarians and Users Community (ICALUC-2021) on Management of Knowledge Resource Centres in the Networked Digital Environment: Trends, Challenges and Opportunities	RFID Technology and its Application in Academic Libraries	25 to 26 February 2021	Bengaluru	International

## Details of Donation of Books

Sl. No.	Name and Designation of Person	Total Number of books	Date
1	Books donated by Melaka Manipal Dental College, MAHE, Manipal	38	28 December 2021

## Photo gallery



Shri Somabhai Modi, Chairman, Sarvodaya Seva Trust, Gujarat visited the library on 22 November 2021

## Central Library

Address: L H Road

Phone Number: 0824 242271

Email-Library: lib.kmcmlr@manipal.edu

Librarian Email: pooja.bhat@manipal.edu



Name of Librarian: Dr Pooja Bhat

Year of Establishment of Library: 195

### **Brief about the Library:**

Kasturba Medical College (KMC) Mangalore has a rich and diverse library service. The total area of the library building is about 4,100 sq m with a seating capacity of 800 people. The library is centrally air-conditioned, Wi-Fi enabled, and well-structured with separate book sections with open access for the undergraduate in the basement and a postgraduate/reference section on the ground floor. Separate sections are maintained for the current periodicals, the

back volumes, and also for group discussion reading. There is one more library at Basic Science Campus. The users can utilize the Central library from 9:00 am to 11:30 pm and the Basic Science Library from 9.00 am to 8.30 pm on all weekdays. The library has a collection of around 35,000 print books, and 25,000 bound volumes of journals and has a subscription to more than 200 print journals/year. The library also has around 1,000 thesis titles for reference. Besides traditional carriers

of information such as books and journals, the library is well equipped with online journals/books/databases. The library has subscribed to 18 online databases such as Up-to-date, Clinical Key, Scopus, Web of Science, BMJ, Springer, Cambridge, Sage Publications, etc. To facilitate the user for a single-window search, the Ovid Discovery Service (ODS) has been subscribed where we can search the contents and topics

of all the subscribed databases in a single platform. All these resources can be accessed remotely, outside the campus, beyond the working hours of the library, and also through the Library portal at MU Portal. The library is fully automated with library software. The library is enabled with modern best practices such as Access Control Security system, RFID Technology, CCTV monitoring, etc.


### Services of the Library

Sl. No.	Name of the Facility
1.	Book borrowing
2.	Internet browsing
3.	Reprography
4.	Interlibrary Loan
5.	Online database searching within the campus
6.	Ovid Discovery Service
7.	Remote access to E-Resources
8.	Reference Service
9.	Plagiarism checking through anti-plagiarism software
10.	Uploading of research articles to MU Repository

### Library Resources (Total collection of library resources as of 31 December 2021)

Collection	Total
Books	37,263
e-Books	14,739
Journals- Subscribed for the year 2021	206
Online journals	5,549
Back volumes of journals	27,970
CDs	1,610
WHO publications	1,570
Dissertations	2,925
Online databases	18

### Paper presented by faculty:

Sl. No.	Name of the Faculty	Name of the Workshop/Conference	Title of the paper/poster presented, with the name of the Co-Authors	Date	Place	State/National/International
1.	Dr Pooja 	international conference of Agricultural Librarians and Users Community (ICALUC-2021)	Information seeking through the Digital Library, during COVID-19 lockdown-A Study of KMC, Mangaluru	25 to 26 February 2021	Bengaluru	International

## Details of Donation of Books

Sl. No.	Name and Designation of Person	Name of the Book	Date
1.	K Narendra Kamath, Dermatologist, Cutis, Manasa Towers, PVS Mangalore	Evidence-Based Psoriasis	03 February 2021
2.	Dr Radish Kumar B Professor and Head Department of Audiology and Speech-Language Pathology Kasturba Medical College, Mangalore	"Fluency and Its' Bases'	30 March 2021
3.	Dr B Seetharama Rao Professor Department of Orthopaedics Kasturba Medical College, Light House Hill Road Hampankatta Mangaluru-575001	A Guide to Musculoskeletal Injuries	30 July 2021
4.	Mrs B Radha Rao Sharbat Katte, Near Polytechnic, Kadri Mangaluru-575004	Orthopaedics Made Easy	6 September 2021
5.	Dr K Sadashiva Shetty Director Bapuji Dental College and Hospital Davangere-577004	"A Case-Based Atlas of Comprehensive Orthodontics"-	2 December 2021
6.	Dr M Venkatraya Prabhu, MD Dean and Professor of Medicine Kasturba Medical College, Mangalore	Establishment of Universities of Eminence in India	21 December 2021
7.	Dr M Venkatraya Prabhu, MD Dean and Professor of Medicine Kasturba Medical College, Mangalore	Communicate, Care, Cure - A Guide to Healthcare Communication	21 December 2021
8.	Dr M Venkatraya Prabhu, MD Dean and Professor of Medicine Kasturba Medical College, Mangalore	A Guide to. Musculoskeletal Injuries	21 December 2021
9.	Dr M Venkatraya Prabhu, MD Dean and Professor of Medicine Kasturba Medical College, Mangalore	Yamaraja's Brother	21 December 2021
10.	Dr M Venkatraya Prabhu, MD Dean and Professor of Medicine Kasturba Medical College, Mangalore	Doctors: Blessed to be Cursed or Cursed to be Blessed	21 December 2021
11.	Dr M Venkatraya Prabhu, MD Dean and Professor of Medicine Kasturba Medical College, Mangalore	A Journey Through Time and Culture: Memoir of a Psychiatrist	21 December 2021
12.	Dr M Venkatraya Prabhu, MD Dean and Professor of Medicine Kasturba Medical College, Mangalore	Letter from Chennai	21 December 2021



Sl. No.	Name and Designation of Person	Name of the Book	Date
13.	Dr M Venkatraya Prabhu, MD Dean and Professor of Medicine Kasturba Medical College, Mangalore	The Washington Manual of Medical Therapeutics	21 December 2021
14.	Dr M Venkatraya Prabhu, MD Dean and Professor of Medicine Kasturba Medical College, Mangalore	SRB'S Atlas of Tissue Approximation with Suturing & Knotting	21 December 2021

### Photo Gallery



Journal Section



Mezzanine Section



PG Section



Pg-Medical Section 2



Pg-Medical Section

## Central Library MIT

Address: Manipal Institute of Technology  
Manipal Academy of Higher Education Manipal  
Phone Number: +91 0820 2924451

Email-Library: lib.mit@manipal.edu

Librarian Email:rekha.pai@manipal.edu



Name of Librarian: Dr Rekha D Pai

Year of Establishment of Library: 1957

### Library Webpage in the Intranet:

A link to the library webpage is given in the MAHE portal <http://libportal.mahe.manipal.net/MIT/MIT.aspx> ] By clicking the respective links available all the e-resources subscribed may be accessed.

### Brief about the Library:

The central library of the Manipal Institute of Technology (MIT) is located at the heart of the

institution and is easily accessible to the students, faculty, and researchers of the institute. The building occupies a total area of about 70,000 sq ft and has three floors having individual and group study halls with 950 seating capacity. The central library provides services not only to MIT but also to SOIS (School of Information Science), ICAS (International Centre for Applied Science) and DAMP (Department of Atomic and Molecular

Physics) having more than 10,000 active users. MIT library subscribes to many electronic resources as a component of the digital library. MIT central library hosts more than one lakh twenty-six thousand documents. It subscribes to many e-journals, e-databases, e-books, e-standards and CDROMs. These information resources promote and advance teaching and learning and also facilitate improved productivity and qualitative research. The entire library is Wi-Fi enabled and a security system with CCTV is

present on all the floors. The library has taken the membership of DELNET online services. The DELNET database can be accessed online and the request may be sent to DELNET to provide photocopies of articles /books. In the year 2021 library has lent 12 books on interlibrary loan to DELNET. It has borrowed nearly 20 articles. The library has arranged three information literacy programs in the year 2021 through the MS team for the benefit and effective use of library resources by the users.

### Services of the Library

Sl. No.	Name of the Facility
1	Lending facility for UG, PG, and Faculty
2	Reference Services
3	Photocopying service
4	Book bank Service
5	Interlibrary Loan facility
6	Display of faculty publication and New arrivals
7	Newspaper service
8	Remote access to library resources
9	E-question paper services
10	Plagiarism Check
11	Single search window
12	e-prints (Institutional repository)
13	Grammarly (Spelling and Grammar checking software)

### Library Resources:

The total collection of library resources as of 31 December 2021 is as follows:

Collection	Added/renewed (During the year 2021)	Total (As of 31 December 2021)
Books	627	1,15,536
Book bank books	170	8,776
E-books	4,853	50,210
Journals (Print)	182	182
Magazines	10	10
Online Journals	2,750	2,750
Bound volumes	133	12,328
CDROM	230	7,300
Project reports	62	10,950
Thesis (PhD)	52	274

**E-Resources subscribed by MIT library:**

Sl. No.	Product Name	Publisher Name	No of Journals	Back volumes from
<b>E-Journals (full text)</b>				
1	IEEE online	IEEE	280	1995
2	ASCE	ASCE	32	2000
3	ASME	ASME	27	2000
4	ACM	ACM	37	2000
5	Springer Link (Full package) / Nature journals	Springer	1300	1995
6	Science Direct Engineering	Elsevier	221	1995
7	Science Direct Computer	Elsevier	135	1995
8	Science Direct Biotechnology	Elsevier	20	1995
9	Science Direct Chemical Engineering.	Elsevier	99	1995
10	Science Direct Environment	Elsevier	127	1995
11	ASTM standards and Digital Library	ASTM	10	2000
13	Wiley Online	Wiley	8	2015
<b>E- Standards</b>				
1	ASTM standards	ASTM		2010
2	BIS Codes - Online version	BIS		Complete till 2022
<b>E-Books</b>				
1	Springer Link (Full package)	Springer	49,563	2005-19
2	MC Graw Hill Access Engg.	Mc Graw Hill	647	
<b>E-Databases</b>				
1	J-Gate	Informatics India		
2	Scopus online	Elsevier		
3	SciFinder	American Chemical Society		
4	Scival	Elsevier		
5	Web of Science	Thomson Reuters		
6	Pure	Elsevier		

**Paper Publication:**

1. Librarians' Perception of License Agreements of Electronic Resources: A study. Library Philosophy and Practice. August 2021.

**Details of Donation of Books**

Sl. No	Name and Designation of Person	Name of the Book	No of Books	Date/Year
1	Alumni/Student/Faculty	Text/Reference	150	2021

**Photo gallery**



**Lending section**



**Library Entrance(1)**



**Periodical section(1)**

## Manipal Institute of Communication

Address: Press Corner Road, Manipal

Phone Number: **0820-2922077**

Email-Library: lib.mic@manipal.edu

Librarian Email:prathima.acharya@manipal.edu



Name of Librarian: Dr. Prathima J Acharya

Year of Establishment of Library: 1997

Manipal Institute of Communication (MIC) Library is well stocked with Books, Journals, Magazines, and Audio-visual materials to meet the information needs of students and faculty of MIC. New books are added to develop Media and Communication studies.

A unique collection of more than three thousand books was donated by Dr M V Kamath as a special valuable addition. In addition to add that we have a collection of books by Gandhi, and Tagore.

Online Pubic Access Catalogue (OPAC) is available through the Intranet users can search the resources of MIC library and they can also search the resources of MAHE institutions libraries on the campus.

Library's e-resources can be browsed through the intranet muportal. The institutional output of the MIC library is available in the university repository and can be browsed at <http://eprints>.

The library has a separate audio-visual section for a film screening and recording of the TV

programs for academic work. This section holds more than 600 classic films in Indian as well as foreign languages. A good collection of documentaries by famous Indian documentary makers on different topics.

The library has an institutional association with AMIC (Asian media information and communication centre, Singapore and has access to their resources. Library also has access to Journals and Databases for learning and research.

The library is stretching to an area of 5,000 sq ft with a seating capacity of 60 with fully air-conditioned and Wi-Fi enabled.

Photocopying and Internet browsing facility is available in the library for students and faculty members.

### WORKING HOURS

The working hours of the library are as follows

On all working days	9:00 am to 7:00 pm
Sunday and MAHE Holiday	Holiday
During vacation	9:00 am to 5:00 pm

### STAFF MEMBERS

Librarian	1
Assistant Librarian	1
Library assistants	3
GDW	1

### LIBRARY COLLECTION

Total collection of library resources as of 31 March 2022

Collection	Total
Books	12,811
Print Journals	18
Magazines	11
Audio Visual	798
Newspaper	10

Collection	Total
Bound volumes	674
Project Reports	853
Online database	EBSCOHost, JSTOR, (Scopus, Web of Science)
Online Journal	SAGE

### Library services

- Reference service  
The library staff assist the users to locate needed information from the various resources of the library and also from outside sources.
- Circulation  
Members can borrow books for a specific period.
- Photocopy  
Users can take a photocopy of the relevant materials by paying a nominal fee.
- Internet browsing,  
In addition to the Wi-Fi facility, an Internet browsing facility is provided in the library for the students.
- Interlibrary loan  
The library helps to get information which is not available in our library from other libraries like AMIC and also from other constituent college libraries.
- Audio-video viewing facility  
The library has a separate audio-visual room with all required equipment like TV, Video Player cum recorder, Cable Connection etc, for the audio-visual screening facility.

### Online database

The library is subscribing to the online database JSTOR and EBSCOHost (Media and

Communication Complete) for the benefit of members. Some important online journals and books are also available for the member's use. We also have access to Springer link, Scopus, Web of Science etc.

### **General Library**

Located at the Manipal Institute of Communication (MIC), MAHE's General Library is a treasure trove of exciting books for every book lover out there. It is a place to immerse yourself in the world of pure, uninterrupted reading, learning, reflection, and exploration.

The General Library was established in 2007 at the behest of MIC's founding director, Dr M V Kamath. It is stocked with fiction and nonfiction books on every topic including children's literature, comics, science and technology, self-help, mysteries, mythology, art, culture, history, philosophy, classic novels, education, poetry, biographies, Indology, religion, spirituality, among others in English, Kannada, and a few other regional languages. The collection also includes books donated by generous patrons from MAHE and beyond.

Having been serving MAHE's staff and their children for the past 15 years, the General

Library has now added a vast number of new titles to its existing collection of books. So, drop in for a visit and experience the joys of simple, pleasurable reading.

### **Highlights:**

- The MAHE General Library is available to all members of the MAHE fraternity, including students and their families.
- The library does not charge a fee to join as a member.
- The MAHE-issued identification card will be used to purchase books. There is a 15-day grace period for returning borrowed books.
- The library is kept open from 9:00 am to 7:00 pm, on all working days except MAHE Holidays/Sundays.
- The general library's collection is entirely digitized and may be accessed across the university's network via OPAC (Online Public Access Catalogue).
- For security purposes, Closed Circuit Television (CCTV) is provided at the library (CCTV).
- The personnel who work at the library are well trained to assist you with your book preferences.



# Manipal Institute of Management Library

Address: 3rd Floor MIT Central Library, MIT Campus, MAHE, Manipal

Phone Number:0820 2925314

Email-Library: lib.mim@manipal.edu Librarian Email: usha.latha@manipal.edu



Name of Librarian: Mrs Ushalatha

Year of Establishment of Library: 1999

## Brief about the Library

Manipal Institute of Management (MIM) Library and information centre has a vast collection of management books and journals. Apart from printed resources, the library is subscribing to an online database. The centre is fully automated (Koha), and the resources are made available as an Online Public Access System (OPAC). Students also have access to the internet, CD-

ROM information retrieval, and photocopying facilities. These information resources promote and advance teaching and learning, and also facilitate improved productivity and qualitative research. The library is fully air-conditioned, and Wi-Fi enabled. The library is kept under CCTV surveillance. Library e-resources can be browsed through the intranet portal <http://muportal>.

## Working hours

On working days

During vacation

Sunday/Third Saturday of every month

University Holidays

9:00 am to 8:00 pm

9:00 am to 5:00 pm

Closed

Closed

## Library Area and Seating capacity

Seating capacity	60
Area of Library	286 sq m
Area of the reading room	203 sq m
The carpet area of the stack room	83 sq m

## Services of the Library

Sl. No.	Name of the Facility
1	Circulation of books
2	Book Bank Facility
3	Reference services
4	Interlibrary loan
5	Internet Access/Wi-Fi
6	Turnitin
7	Online databases
8	MU Digital Repository (E-print service)
9	EZproxy/Remote access to subscribed e-resources

## Library Resources (Total collection of library resources as of 31 December 2021)

Collection	Total
Books	28,828
e-Books	101
Journals	18
Online journals	13
Back volumes of journals	914
CDs	1,463
WHO publications	-
Dissertations (Project Reports)	3,050
Online databases	9

## Photo Gallery



## Manipal Humanities Library

Address: Manipal Centre for Humanities, Planetarium Complex, Manipal

Phone Number: 0820-2923562

Email-Library: lib.mhl@manipal.edu

Liberian Email: balu.wagle@manipal.edu



Name of Librarian: Balu Wagle

Year of Establishment of Library: 2010

### **Brief about the Library:**

The Manipal Humanities Library, MAHE, Manipal, established in December 2010, is situated at Planetarium Complex, Manipal. The library works on two floors and is utilised by the information seekers. The library aims to acquire and disseminate information on Philosophy, Language, Literature, Religion, Social Sciences, History, Arts, Political Science, and Economics.

The library can accommodate 40 users at a time. The users can utilize this library from 9:00 am to 8:00 pm (Monday to Saturday). Besides traditional carriers of information such as books and journals, the library is well equipped with print and online journals; a Wi-Fi connection and a journal database. The library is automated with Koha and OPAC software

## Services of the Library

Sl. No.	Name of the Facility
1.	Reference Service
2.	Current Awareness Service:
3.	Circulation:
4.	Photocopying
5.	Inter-Library Loan
6.	Computer Services
7.	CD-ROM Access
8.	Internet Access/Wi-Fi
9.	OPAC

## Library Resources (Total collection of library resources as of 31 December 2021)

Collection	Total
Books	8,714
e-Books	-
Journals	10
Online journals	-
Back volumes of journals	-
CDs	68
WHO publications	-
Dissertations	97
Online databases	1

## Details of Donation of Books

Sl. No.	Name and Designation of Person	Name of the Book	Date
1	Nikhil Govind - HOD	The mayor of Castro Street: The life and times of Harvey Milk	09 March 2021
2	Nikhil Govind - HOD	In shock	09 March 2021
3	Nikhil Govind - HOD	Abraham Lincoln: The prairie years and the war years.	09 March 2021
4	Nikhil Govind - HOD	A Gujarat here, A Gujarat there	09 March 2021
5	Nikhil Govind - HOD	Seeing like a feminist	09 March 2021
6	Nikhil Govind - HOD	Sarama and her children: The dog in Indian myth	09 March 2021
7	Nikhil Govind - HOD	The travels of Ibn Battutah	10 March 2021
8	Nikhil Govind - HOD	The land that time forgot	10 March 2021
9	Nikhil Govind - HOD	Farthest Field: An Indian story of the Second World War	10 March 2021

Sl. No.	Name and Designation of Person	Name of the Book	Date
10	Nikhil Govind - HOD	MLA Handbook for Writers of Research Paper	10 March 2021
11	Donated by Manipal Universal Press	Dhvani and epiphany: Essays in criticism	16 March 2021
12	Donated by Manipal Universal Press	Just a few pages: Some memories of Saraswatibai Rajwade	16 March 2021
13	Donated by Manipal Universal Press	Mahammayi	16 March 2021
14	Donated by Manipal Universal Press	Anurakte: The enamoured	16 March 2021
15	Donated by Manipal Universal Press	Bamonn: Story of a Konkani Roman Catholic	16 March 2021
16	Donated by Manipal Universal Press	Valmiki Ramayana: Critical Essays	16 March 2021
17	Donated by Manipal Universal Press	Swapna Saraswatha	18 March 2021
18	Donated by Manipal Universal Press	Writing the self in illness: Reading the experimental through the medical memoir	18 March 2021
19	Donated by Manipal Universal Press	The word in the world: Essays and lectures on Indian literature and aesthetics	18 March 2021
20	Donated by Manipal Universal Press	The Other Face	27 March 2021
21	Donated by Manipal Universal Press	Sati Kamale	12 April 2021
22	Donated by Manipal Universal Press	Vaidehi Kathana	12 April 2021
23	Donated by Manipal Universal Press	Pot of Butter	12 April 2021
24	Donated by Manipal Universal Press	Saga of the Uprooted	12 April 2021
25	Donated by Manipal Universal Press	The Ramayana of Valmiki: A condensed version of Valmiki's epic	14 April 2021
26	Donated by Manipal Universal Press	Tilo's Troops: Handiwork of a primatologist in Vietnam	14 April 2021
27	Donated by Manipal Universal Press	The Noblest Fallen Making and Unmaking of Bhagat Singh's Political Thought (2 copies)	14 April 2021
28	Donated by Manipal Universal Press	The Gandhi Cap and other short stories	14 April 2021
29	Donated by Manipal Universal Press	Defiance	14 April 2021
30	Donated by Manipal Universal Press	Caught in the world of Binaries	14 April 2021
31	Donated by Manipal Universal Press	The path of proofs; Pramanapaddhati of Sri Jayatirtha: A monograph on the Dvaita epistemology	15 April 2021
32	Donated by Manipal Universal Press	Uncharted: My journey into the Himalayas	15 April 2021

Sl. No.	Name and Designation of Person	Name of the Book	Date
33	Donated by Manipal Universal Press	Kannadadalli pattyaparishkarana ondu kaipidi	15 April 2021
34	Donated by Manipal Universal Press	Comasya Dhakka	15 April 2021
35	Donated by Manipal Universal Press	Last Bench se	15 April 2021
36	Donated by Manipal Universal Press	Kathana Bharathi	15 April 2021
37	Donated by Manipal Universal Press	A Shrine for Sarasamma	15 April 2021
38	Donated by Manipal Universal Press	Akka Mahadevi	15 April 2021
39	Donated by Manipal Universal Press	The ZOO in my backyard	15 April 2021
40	Donated by Manipal Universal Press	Performing self, performing gender: Reading the lives of women performers in colonial India	15 April 2021
41	Donated by Manipal Universal Press	Two Plays; The Sahyadri Saga and the world of Swayamvara	15 April 2021
42	Donated by Manipal Universal Press	Phedra	20 April 2021
43	Donated by Manipal Universal Press	Krithi Jagatthu	20 April 2021
44	Donated by Manipal Universal Press	U-Turn	20 April 2021
45	Donated by Manipal Universal Press	Ati Sannakathe: Swarupa, Siddhi Mattu Sadhyate	8 July 2021
46	Donated by Manipal Universal Press	Culture and Creativity	09 July 2021
47	Donated by Manipal Universal Press	Decolonial Existence and Urban Sensibility: A study on Mahesh Elkunchwar	09 July 2021
48	Donated by Manipal Universal Press	A Birder's Handbook to Manipal - 2 boks	09 July 2021
49	Donated by Manipal Universal Press	Maru and the Maple Leaf	09 July 2021
50	Donated by Manipal Universal Press	Legends of Travancore: A Numismatic Heritage	09 July 2021
51	Donated by Manipal Universal Press	If we meet again, we shall smile	09 July 2021
52	Donated by Manipal Universal Press	Capturing the Cosmic Light: A handbook of astrophotography	10 July 2021
53	Donated by Nikhil Govind - HOD	Chanakya's Chant	10 July 2021
54	Donated by Nikhil Govind - HOD	The Zoya Factor	10 July 2021
55	Donated by Nikhil Govind - HOD	The Secret Gardener	10 July 2021
56	Donated by Manipal Universal Press	Ancient India; Identities, Boundaries and Cultural Practices	13 July 2021

Sl. No.	Name and Designation of Person	Name of the Book	Date
57	Donated by Manipal Universal Press	A Handful of Sesame	13 July 2021
57	Donated by Manipal Universal Press	Educational Philosophy of Dr S Radhakrishnan	13 July 2021
59	Donated by Manipal Universal Press	Administrative and social history of Mysore under the Wodeyars, 1600-1800 CE	13 July 2021
60	Donated by Manipal Universal Press	The Princely States and the Making of Modern India	13 July 2021
61	Donated by Manipal Universal Press	Lamp Light in the Sun	13 July 2021
62	Donated by Manipal Universal Press	Ayurvedic Inheritance; A Reader's Companion	13 July 2021
63	Donated by Manipal Universal Press	The Practice of Geopolitics	13 July 2021
64	Donated by Manipal Universal Press	Life and Art of K K Hebbar	13 July 2021
65	Donated by Manipal Universal Press	Mukha Mudre - Kyameradalli Kannada Saahitigalu	13 July 2021
66	Donated by Manipal Universal Press	The Language of Logic Reliving the Memories of an Indian Forester	13 July 2021
67	Donated by Manipal Universal Press	Reliving the Memories of an Indian Forester	13 July 2021
68	Donated by Manipal Universal Press	Mysore History	13 July 2021
79	Donated by Manipal Universal Press	A Birder's Handbook to Manipal	13 July 2021
70	Donated by Manipal Universal Press	The Language of Logic- 2 books	19 July 2021
71	Donated by Manipal Universal Press	Kannada theatre history: 1850-1950, a sourcebook	19 July 2021
72	Donated by Manipal Universal Press	A bond so sacred	19 July 2021
73	Donated by Manipal Universal Press	Searching in the backyard: Kunabi child care: from an ethnopaediatric perspective	19 July 2021
74	Donated by Nikhil Govind	Infinite variety: A history of desire in India	07 September 2021
75	Donated by Nikhil Govind	The Multivalence of an Epic	23 September 2021
76	Donated by Ketaki Chowkhani	7 Lessons from Everest	05 October 2021
77	Donated by Ashokan Nambiar C	Varnaka	07 October 2021
78	Donated by Ashokan Nambiar C	Narayana guru Sampurna Krtigalu	25 October 2021
79	Donated by Ashokan Nambiar C	The Unitive Life	25 October 2021

Photo Gallery





## WGSHA Library

Address: Fortune Inn Valley View, Manipal - 576104

Phone Number: 0820 2933320, 33321

Email-Library: lib.wgsha@manipal.edu

Librarian Email: Jyothi.mallya@manipal.edu



Name of Librarian: Jyothi Mallya

Year of Establishment of Library: 1986

### Brief about Library

The college has a well-stocked library with nearly 13,118 books on Hospitality and Tourism management and allied subjects. In addition, it subscribes to nearly 51 journals and magazines on general and trade subjects from all over the world. The library also has a large section devoted to general reading including sports, history, culture, and fine arts. There is a separate library for the BA in Culinary Arts course, which currently has around 1,586 books.

**Book Bank Facility:** Course books prescribed by the college are available in the library and are issued to students at the beginning of the Academic Year. Students are required to deposit the textbook at the library at the end of the

course in a good condition. Value of the book in case of non-return or the loss thereof would have to be paid for by the concerned student as per the rule.

### E-Resource

1. Library subscribes to an online database called EBSCO hospitality and tourism, which covers scholarly research and industry news relating to all areas of Hospitality and Tourism. This collection contains more than 7,49,000 records, with coverage dating as far back as 1965.
2. Library also subscribes to the online database "Hospitality Tourism and leisure collection + culinary arts collection," which includes 550 industry journals and 150 majors. Around 150 cooking and nutrition magazines.

## Services of the Library

Sl. No.	Name of the Facility
1	Circulation Services
2	Reference and Information Services
3	Plagiarism Checking Service
4	Document Delivery Service (DDS)
5	Inter Library Loan (ILL)
6	New Arrivals of Books
7	E-prints (institutional digital repository)
8	Printing
9	Air Condition
10	Computers with Internet connection

## Library Resources (Total collection of library resources as of 31 December 2021)

Collection	Total
Books	13,118
e-Books	65 (Part of Databases)
Journals	18
Online journals	112 (Part of Databases)
Back volumes of journals	183
CDs	897
WHO publications	-
Dissertations	410
Online databases	3

## Details of Donation of Books

Sl. No.	Name and Designation of Person	Name of the Book	Date
1	Paritosh Dabral, Assistant Professor (selection grade)	Retailing Management	8 February 2022
2	Rahul Nayak, Student	Delias How To Cook Book One	8 February 2022
3	Rahul Nayak, Student	Delias How To Cook Book Two	8 February 2022
4	Rahul Nayak, Student	Delias How To Cook Book Three	8 February 2022
5	Rahul Nayak, Student	Radio Times Step by step All colour Cook Book	8 February 2022
6	Rahul Nayak, Student	British Food Bible	8 February 2022
7	Rahul Nayak, Student	Rick Steins Food Heroes	8 February 2022

## Photo gallery



## Department of Geopolitics and International Relations Library and The Gandhian Centre for Philosophical Arts and Sciences

Address: Manipal Academy of Higher Education Manipal, Old TAPMI Building,  
Manipal-576 104

Phone Number: 0820 2922701

Email-Library: lib.geopolitics@manipal.edu Librarian Email: jayanthi.s@manipal.edu



Name of Librarian: Jayanthi S

Year of Establishment of Library: 2010

### Brief about Library

GIR Library-The library was established in 2010 and is situated behind Manipal Post Office i.e., in the old TAPMI building. The library extends over 1,056 sq ft area. Besides the comfortable seating and reading environment facilities. The aim of the library is to acquire and disseminate information on Geopolitics, International Relations (Study Abroad Program), Polish and North East Studies, along with Political Sciences, Economics, Languages, History, Military Science, and Social Sciences.

Gandhian Library-The Gandhian Centre for Philosophical Arts and Sciences is a department which engages with interdisciplinary teaching and research intending to develop

alternative knowledge systems to deal with contemporary crises. The Centre engages with the intersectionality of aesthetics, philosophy, ecology, journalism, Gandhian and peace studies. Gandhian Centre for Philosophical Arts and Sciences is a new name for the Centre for Gandhian and Peace Studies, primarily to expand the scope of its activities and academic programs. While Gandhian Studies has been a distinct area of academics at the University since 2009, the department, in its present form, exists since 14 December 2014.

The users can utilize this library from 9:00 am to 8:00 pm on Monday to Saturday (except the third Saturday of every month of the year). Besides traditional carriers of information such

as books, thesis and journals, the library is well equipped with print and online journals, a journal database, a computer lab etc. The library is automated with Library software - KOHA to

maintain books/journals and Wi-Fi enabled. Using Dewey Decimal Classification (DDC) for classifying subject-wise books.

### Services of the Library

Sl. No.	Name of the Facility
1.	Interlibrary loan
2.	MU Digital Repository (E-Prints)
3.	Reference Service-The staff assists the users to locate the books.
4.	Turnitin software
5.	Circulation-Members borrowed books for a specific period
6.	Online database
7.	Internet Access/Wi-Fi
8.	Air Condition

### Library Resources (Total collection of library resources as of 31 December 2021)

Collection	Total
Books	
GIR-3041	5,103
Gandhian-2062	
e-Books	Nil
Journals	22
Online journals	6
Back volumes of journals	Nil
CDs	Nil
WHO publications	Nil
Dissertations	98
Online databases	4

### Photo Gallery



## EPL Letterhouse (Library of European Studies, Philosophy, Languages) (earlier: MCES Library)

Address: 5th floor, Manipal Centre for European Studies, ARC, MAHE, Manipal

Phone Number: 0820-2923096

Email-Library: lib.des@manipal.edu

Liberian Email: anantha.rao@manipal.edu



Name of Librarian: Anantha Rao

Year of Establishment of Library: 2009

### Brief about Library

The EPL Letterhouse (Library of Manipal Centre for European Studies, Department of Philosophy, Department of Languages) has earlier worked under the name Department of European Studies Library. The library started working in the old TAPMI building from December 2009 to December 2018. Afterwards, the library has shifted to new premises at Advanced Research Centre, Floor V, Behind MMMC, Manipal. The library has extended to a 93 sq m area. The library aims to acquire and disseminate the information resources on European Studies, Political Sciences, Economics, International

Relations, Higher Education, Social Sciences, Philosophy (including Dvaita, Indian, Eastern, and Western philosophy), History, Languages (including foreign languages like German, Japanese, Italian, Spanish, French). The library will remain open from 9:00 am to 8:00 pm (except on MAHE holidays) for knowledge seekers. The library is automated with KOHA Library software.

### Services of the Library

Sl. No.	Name of the Facility
1	Wi-Fi; helping hand by the library staff to access library resources.

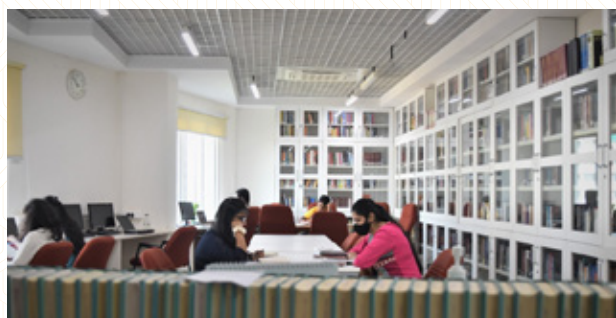
## Library Resources (Total collection of library resources as of 31 December 2021)

Collection	Total
Books	7,620
Journals	17
Online journals	13
Dissertations	01
Online databases	03 – SpringerLink, Scopus and Web-of-Science

## Details of Donation of Books

Sl. No.	Name and Designation of Person	Name of the Book	Date
1	Sri Sri 1008 Sri Vidyasreesha Tirtharu Sri Sri Vyasaraaja Mutt (Sosale) Thirumakudlu, T Narasipura Taluk, Byrapura Post Mysuru	• Acarya Madhva and his direct disciples/by Prasanna Srinivasa RaoMadhva Pramana Sastra / by Prasanna Srinivasa Rao	5 January 2021
2	Ms Shreya C Bhat BA-FLIS student Dept of Languages MAHE, Manipal.	• Kittel's Kannada English Dictionary (4 volumes)	5 January 2021
3	Mr Rahul Putty Coordinator, Department of Languages MAHE, Manipal.	• Ambedkar's world: the making of Babasaheb and the Dalit movement/Eleanor Zelliott • The tribal culture of India / Vidyarthi L P • Indra's net: defending Hinduism's philosophical unity/Rajiv Malhotra • Talks on Sankara's: Vivekachoodamani/ Swami Chinmayananda • Spiritual heritage of India/Swami Prabhavananda • Jnana-Yoga: the way of knowledge/ Ramakrishna Puligandla	5 January 2021
4	Dr Vinod H Bhat, Executive Vice Chancellor MAHE, Manipal.	• Politics of minority educational Institutions: law and reality in the subcontinent/Tahir Mahmood	19 January 2021
5	The Director Rashtrakavi Govinda Pai Research Centre (MGM College) Udupi – 576 102	• Donated 121 Kannada titles	8 September 2021

## Photo gallery



## Manipal Centre for Natural Sciences Library

Address: Manipal Academy of Higher Education, Manipal

Phone Number: 0820 2923577

Email-Library: lib.mcns@manipal.edu Librarian Email: jessy.a@manipal.edu



Name of Librarian: Dr Jessy Saadi

Year of Establishment of Library: 2013

### **Brief about Library**

The Manipal Centre for Natural Sciences (MCNS) was conceived as a unique Centre within MAHE with a dedicated library to aid research in Natural Sciences, situated on the right wing of the Dr TMA Pai Planetarium building at Manipal. The air-conditioned library was opened to researchers in 2013. The library is Wi-Fi enabled and offers a wide range of online resources, textbooks, reference books and back volumes to assist fundamental research in the physical sciences,

earth sciences, scientific computation, and pure and applied mathematics. The library also serves as a resource centre for scientific outreach with its collection of popular and educational audio-video materials and nature books collection. Video conferencing is available in a 30-seater seminar room at the Centre. MCNS is a member of Developing Library Network (DELNET) services. The library has fully computerized its collection which could be accessed through Online Public Access Catalogue (OPAC). There

is a separate computer lab in the library. A link to access all the subscribed online resources is provided in the Manipal University (MU) portal (<https://libportal.manipal.edu/MCNS/MCNS.aspx>). The library is providing research support services viz., individual user consultancy for accessing online resources and online checking

### Services of the Library

Sl. No.	Name of the Facility
1	Circulation of Books
2	Inter-library Loan Service
3	Reference Service
4	Current Awareness Service
5	MU Digital Repository (E-print Service)
6	Plagiarism Checking Service
7	Literature Search Service
8	Research Support Service
9	Computers with Internet
10	Wi-Fi

of originality of documents using Turnitin. MCNS Library conducts awareness programs to the new entrants to the institute about the library facility, organization, physical and digital collections, services offered, accessing digital resources through MU Portal and use of Web OPAC.

### Library Resources (Total collection of library resources as of 31 December 2021)

Collection	Total
Books	661
e-Books	11,264
Journals	09
Online journals	503
Back volumes of journals	161
CDs / DVDs	33
Dissertations	29
Online databases	6

### Details of Donation of Books

Sl. No.	Name and Designation of Person	Name of the Book	Date
1	Dr Mohini Gupta, Ex-Director, MCNS	Nuclear Physics: Theory and Experiment	25 March 2021
2	Dr Mohini Gupta, Ex-Director, MCNS	IJ of Modern Physics: Gravitation; Astrophysics; Cosmology	25 March 2021
3	Dr Mohini Gupta, Ex-Director, MCNS	75 Years of Nuclear Fission: Present Status and Future Perspectives	25 March 2021
4	Dr Mohini Gupta, Ex-Director, MCNS	Theoretical Nuclear Physics	25 March 2021
5	Dr Mohini Gupta, Ex-Director, MCNS	Mean Field Description of Nuclei	25 March 2021
6	Dr Mohini Gupta, Ex-Director, MCNS	Physics of Nucleons, Mesons, Quarks and Heavy Ions	25 March 2021
7	Dr Mohini Gupta, Ex-Director, MCNS	Physics of Nucleons, Mesons, Quarks and Heavy Ions	25 March 2021
8	Dr Mohini Gupta, Ex-Director, MCNS	Birds of Southern Coastal Karnataka	25 March 2021
9	Dr Mohini Gupta, Ex-Director, MCNS	Final Report of the EURISOL Design Study (2005-2009)	25 March 2021
10	Dr Mohini Gupta, Ex-Director, MCNS	Paleoclimatic Reconstruction of the Intertropical Bed of Karnataka	25 March 2021



Sl. No.	Name and Designation of Person	Name of the Book	Date
11	Dr Mohini Gupta, Ex-Director, MCNS	Database of Prompt Gamma Rays from Slow Neutron Capture for Elemental Analysis	5 April 2021
12	Dr Mohini Gupta, Ex-Director, MCNS	Update of X-ray and Gamma Ray Decay Data Standards for Detector Calibration and Other Applications: Vol. 1	5 April 2021
13	Dr Mohini Gupta, Ex-Director, MCNS	Update of X-ray and Gamma Ray Decay Data Standards for Detector Calibration and Other Applications: Vol. 2	5 April 2021
14	Dr Mohini Gupta, Ex-Director, MCNS	Relativistic Geodesy and Gravimetry with Quantum Sensors	5 April 2021
15	Dr Mohini Gupta, Ex-Director, MCNS	Table of nuclear magnetic dipole and electric quadrupole moments	5 April 2021
16	Dr Mohini Gupta, Ex-Director, MCNS	Handbook for Calculations of Nuclear Reaction Data, RIPL-2 Reference Input Parameter Library-2:	5 April 2021
17	Dr Mohini Gupta, Ex-Director, MCNS	Common Wildlife and their Products in Illegal Trade:	5 April 2021
18	Dr Y K Gambhir, Professor (Ret), IIT, Bombay	Mean Field Description of Nuclei	16 August 2021

### Photo gallery



## Nehru Memorial Library

Address: Madhav Nagar, MAHE, Manipal -576104

Phone Number: 0820 2940003

Email-Library: lib.nml@manipal.edu

Assistant Librarian Email: nithya.n@manipal.edu



Name of Assistant Librarian: **Nithyananda**

Year of Establishment of Library: **1967**

### **Brief about Library**

Nehru Memorial Library, Manipal Academy of Higher Education, Manipal is a public library. The library has 5,000 sq ft, and it can accommodate 40 users at a time. The library has a rich collection of books including fiction and non-fiction, self-improvement, general knowledge, general management, cookery, philosophy, religion, children's books etc. Leading newspapers and general magazines are also made available

for reading by the general public. Collection development is being done based on users' needs. The library has a separate children's section. The library is fully computerized its collection which could be accessible through OPAC (Online Public Access Catalogue) within the campus network. The library is enabled with a Closed-Circuit Television System (CCTV). The library is kept open from 9:00 am to 7:00 pm on all days including Sundays.

## Services of the Library

Sl. No.	Name of the Facility
1	<b>Circulation of Books:</b> The books are issued to the users.
2	<b>Reference Service:</b> The library staff assists the user to locate needed information from the available information resources. Based on the collection, the library provides reference services to its users.
3	<b>Inter-Library Loan:</b> The library has provided the inter-library loan facility for another library.
4	<b>Current Awareness Service:</b> Currently, the library offers the following Current Awareness service to the users. <ul style="list-style-type: none"> <li>• Display of new additions in the library.</li> </ul>
5	Computers with an Internet connection.

## Library Resources (Total collection of library resources as of 31 December 2021)

Collection	Total
Books	15,149
Magazines	16
Newspaper	11

## Details of Donation of Books

Sl. No.	Name and Designation of Person	Name of the Book	Date
1	Mr Mahesh Prabhu	<ul style="list-style-type: none"> <li>• Research Methodology</li> <li>• Managerial Economics</li> <li>• Business Communication</li> <li>• Business Statistics</li> <li>• Business Statistics</li> <li>• Management Functions and Organizational Behaviour</li> <li>• Management Functions and Organizational Behaviour</li> <li>• Introduction to Information Technology</li> <li>• Compendium of Opinions</li> <li>• Marketing Management</li> <li>• Financial and Management Accounting</li> <li>• Financial Management</li> <li>• Operations Management</li> <li>• Human Resource Management</li> </ul>	28 August 2021

Sl. No.	Name and Designation of Person	Name of the Book	Date
2	Dr Sudha Vidyasagar Professor, KMC Hospital, Manipal.	<ul style="list-style-type: none"> <li>• Highway 39</li> <li>• Lost Loves</li> <li>• Short Residence in Sweden, Norway and Denmark</li> <li>• Our Kind of Traitor</li> <li>• Krishna Key</li> <li>• Finding Radha</li> <li>• East Of Eden</li> <li>• Menaka's Choice</li> <li>• Haroun and the Sea of Stories</li> <li>• White Tiger</li> <li>• Wit of Cricket</li> <li>• What do you care what other People think</li> <li>• My Own Country</li> <li>• The Man Before the Mahatma</li> <li>• Accidental Prime Minister</li> <li>• India Grows at Night</li> <li>• Ending Corruption</li> <li>• Religious Doctrines in the Mahabharata</li> <li>• Daughter from a Wishing Tree</li> <li>• In Love With The World</li> <li>• Troublesome Test Tussle</li> <li>• Better India Better World</li> <li>• Wise and otherwise a salute to life</li> <li>• Rise of Sivagami</li> <li>• Krsna</li> <li>• Capital in the Twenty-First Century</li> <li>• The World is Flat</li> <li>• Baduku Badalisabahudu</li> <li>• Nudi Mallika</li> <li>• Rajakeeya Mattu Dharma</li> <li>• Vivekanandara Vicharadhare, Samakaalina Samvada</li> <li>• Karnatakada Rajakarana: Sahithyika Samskruthika Grahikegalu</li> <li>• Dr DVG's Mankuthimana Kagga</li> <li>• Great Game East</li> <li>• Last Lecture</li> <li>• Invisible Cities</li> <li>• My Family and Other Animals</li> </ul>	10 September 2021
3	Mr Nithin S Amin	<ul style="list-style-type: none"> <li>• Smriti -Life and Thoughts of Dr T M</li> <li>• Flora of Udupi</li> <li>• Zorro</li> </ul>	10 September 2021

Sl. No.	Name and Designation of Person	Name of the Book	Date
		<ul style="list-style-type: none"> <li>• Falling for my Crazy Stalker</li> <li>• Secrets of a Lady</li> <li>• Fold in the tent of the Sky</li> <li>• Death of a Nightingale</li> <li>• Poison Pill</li> <li>• After I'm Gone</li> <li>• Breaking Dawn</li> <li>• Eclipse</li> <li>• Fatal Touch</li> <li>• Secret History of Las Vegas</li> <li>• Book Thief</li> <li>• Boy Meets Girl</li> <li>• Every Boy's Got One</li> <li>• Guy Next Door</li> <li>• Vice Busting Diet</li> <li>• Life and legacy of Amy Carmichael</li> <li>• Chance to Die</li> <li>• Double Vision Addictive Photo Puzzles</li> </ul>	
4	Dr Ramprasad Professor, KMC Hospital, Manipal.	<ul style="list-style-type: none"> <li>• Srimadbhagavadgita - Tattvavivecani</li> </ul>	25 November 2021

#### Photo gallery



## Manipal School of Architecture and Planning

Address: First Floor MIT Central Library, Manipal

Phone Number: 0820 2924462

Email-Library: lib.msap@manipal.edu

Librarians Email: shobha.m@manipal.edu



Name of Librarian: Shobha Mahesh Prabhu

Year of Establishment of Library: 2020

### **Brief about the Library:**

Manipal School of Architecture and Planning library has a vast collection of Architecture and Fashion design books and journals. Apart from printed resources, the library is subscribing to an online database. The library is fully automated (Koha), and the resources are made available as an electronic public access system (EPAC). Students also have access to the internet, CDROM information retrieval, and photocopying

facilities. These information resources promote and advance architecture and design and also facilitate improved quality of research. The library is fully air-conditioned, and Wi-Fi enabled. Library e-resources can be browsed through the intranet portal <http://muportal>. The working hours of the library are as follows: On working days 9:00 am to 5:00 pm and Sunday is a holiday. The seating capacity is 40.

### Services of the Library

Sl. No.	Name of the Facility
1.	Lending
2.	Reference Service
3.	Inter-library Loan service
4.	Document Delivery Service
5.	Online Access
6.	E-Question Paper
7.	Plagiarism check

### Library Resources (Total collection of library resources as of 31 December 2021)

Collection	Total
Books	7,882
e-Books	295
Journals	26
Online journals	355
Back volumes of journals	877
CDs	80
Dissertations	2,558
Online databases	1

### Photo gallery



## Manipal Tata Medical College Library

Address: Manipal Tata Medical College (Constituent Unit of MAHE)  
Kadani Road, Baridih, Jamshedpur, East Singhbhum District,  
Jharkhand - 831017

Phone Number: +917349137028

Email-Library: lib.mtmc@manipal.edu

Librarian Email: ranjit.hegde@manipal.edu



Name of Librarian: Ranjit Hegde (Incharge)

Year of Establishment of Library: 2019

### **Brief about Library**

The Library of Manipal Tata Medical College, Jamshedpur, was established in 2019. The Library is a two-storied building with 2,500.76 sq m. The Library has been fully automated using Koha library management software, and the resources are made available as an online public access catalogue (WEB OPAC). The user can search for a book by title, author, call number, and keywords.

### **Working Hours:**

Weekdays - 9:00 am to 9:00 pm

Sunday – Holiday

### **Services**

#### **Reference Service:**

The library staff assists the user to locate needed information from the available information resources. Based on collection, the library provides reference services to its users.

#### **Circulation:**

Library provides general access to the collection. These services include the issue of resources from the circulating collections, checking in returned resources, and renewals.



### Reprographic:

Through this service, users can get photocopies of articles from journals and books as and when required.

### Computer Services:

The computer lab of the library offers computer services to users such as word processing and document scanning, Internet Browsing, etc.

### Details of Guest Visit

Sl. No.	Visitor Name and Designation	Name of the Organization	Purpose of visit	Date
1	Lt Gen (Dr) M D Venkatesh Vice Chancellor	Manipal Academy of Higher Education, Manipal	-	25 December 2022
2	Dr Sibani Mazumdar (Professor and HOD of Anatomy)	Calcutta National Medical College and Hospital, Kolkata	-	31 December 2021

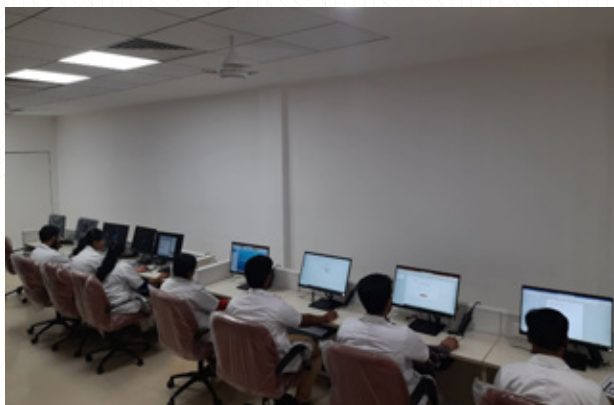
### Plagiarism Checking:

The library checks the originality of the documents on request using Turnitin anti-plagiarism software.

### Library Resources (Total collection of library resources as of 31 December 2021)

Collection	Total
Books (Print)	4,699
Journals (Print)	37
Online journals	19

### Photo gallery



Computer Lab



Periodical Section



Reading Area



Reading Area

## Learning Resource Centre, MAHE Dubai Campus

Address: 1st Floor, A-Block, MAHE Dubai, UAE

Phone Number: +971 4 4290 731

Email-Library: library@manipaldubai.com

Librarian Email: yoganath@manipaldubai.com



Name of Librarian: Mr Yoganath Manivel

Year of Establishment of Library: September 2003

### **Brief about Library**

The library enables access to information resources of all kinds and provides innovative, responsive, and effective services to meet the changing needs of the academic community. The library is equipped with all necessary facilities making it a pleasant environment for study. It holds literature predominantly related to Business and Management, Finance, Economics, Computer Science and Information Technology, Biotechnology, Interior Design, Architecture, Engineering, and its allied subjects. It aims to develop a comprehensive collection

of information resources useful for academic and research purposes. The library plays a proactive role in ensuring that the information resources are acquired and organized to meet the present and future needs of its users. The library has utilized Information Technology extensively to ensure that resources are always accessible. The library catalogue is available online and the availability of the resources could be checked using the same. The library holds a hybrid collection of printed as well as electronic resources which include books, journals, databases, audio-visuais, CDs/DVDs, e-books, e-journals, etc.

## Services of the Library

Sl. No.	Name of the Facility
1	Exclusive Library website, a gateway to access the information sources available within the library and beyond
2	OPAC services are in place to browse the library collection
3	Access to over 16,823 books and 35 print magazines/journals
4	Access to over 1,900 audio-visual materials
5	Photocopying/Printing Facilities
6	Group Discussion Room
7	Three MAC PCs and 12 desktop PCs are dedicated to a user group for browsing the internet and accessing subscribed online databases
8	E-Question bank
9	Books over sighted are promoted through End of Shelf Display and Books You Might Have Missed Rack
10	Dedicated space available to connect patron's laptop
11	Free shuttle service is available during the evening study hours for the patrons
12	Library orientation is given to small groups or individual classes as required

## Library Resources (Total collection of library resources as of 31 December 2021)

Collection	Total
Books	16,823
e-Books	2,10,000
Journals	35
Online journals	32,000
Back volumes of journals	1,865
CDs	1,985
WHO publications	Nil
Dissertations	2,495
Online databases	3

## Details of guest visit

Sl. No.	Visitor Name and Designation	Name of the Organization	Purpose of visit	Date
1	Mr Vikas (CEO)	Study Abroad Consultant, Karnataka, India	Library Facility Tour	10 February 2021
2	Ms Vrindha (Senior Counsellor)	Study Abroad Consultant, Karnataka, India	Library Facility Tour	10 February 2021

Paper presented by faculty:

Sl. No.	Name of the Faculty	Name of the Workshop/ Conference	Title of the paper/poster presented, with the name of the Co-Authors	Date	Place	State/ National/ International
1	Ms Wilma Serrao, Mr Rohan DaCosta	Asian Media Information and Communication Annual Conference 2021	Social Media and Science Communication: The Use of Instagram and Online Communication in Times of Pandemic (COVID-19) by DHA in Dubai	December 2021	Dubai	International
2	Dr Puja Mahesh, Wilma Serrao	Asian Media Information and Communication Annual Conference 2021	Innovative Strategies for Smart Communication: Case Study of DEWA	December 2021	Dubai	International
3	Dr Percy Fernandez	Asian Media Information and Communication Annual Conference 2021	Infodemic and The Importance of Science Communication Between Endangering and Saving Lives During Coronavirus Outbreak	December 2021	Dubai	International
4	Dr Faheem SM Fareeha Manaal Asmina Amhad Rukaiyah Murtuza 	15th Dubai International Food safety conference, 18 to 21 November 2021 organized by Dubai Municipality	Microalgae native to UAE mangroves as a sustainable source of Omega 3 fatty acids in farmed Salmon fish diet	November 2021	Dubai	International
5	Dr Sowmya Rao Marian Fernandes, Esther Uredoojo Adaji, Najira Banu	15th Dubai International Food safety conference, 18 to 21 November 2021 organized by Dubai Municipality	Social media influences food habits and lifestyle patterns	November 2021	Dubai	International
6	Mr Sampath Suranjan	International Conference on Computational Intelligence and Knowledge Economy (ICCIKE 2021)	Influence of water flow rate on the greenhouse humidification in an arid region	March 2021	Dubai	International
7	Ms Ahana Alex, Mr R Vinoth, Dr Ravishankar Dudhe	ICBSII 2021 (2021 Seventh International Conference on Biosignals, Images, and Instrumentation)	Comparative Study and Analysis of Non-Enzymatic Glucose (Neg) Sensors and Simulation of a High-Performance Neg Sensor Using Finite Element Analysis	April 2021	Dubai	International

Sl. No.	Name of the Faculty	Name of the Workshop/ Conference	Title of the paper/poster presented, with the name of the Co-Authors	Date	Place	State/ National/ International
8	Mohammad Shahabuddin, Dr Ravishankar Dudhe	2nd IEEE International Conference on Computational Intelligence and Knowledge Economy ICCIKE'2021, 17 to 18 March 2021	Performance study and analysis of smart and smallest energy management sensors	April 2021	Dubai	International
9	Bushra Siddiqua Oosman, Dr Ravishankar Dudhe	2nd IEEE International Conference on Computational Intelligence and Knowledge Economy ICCIKE'2021, 17 to 18 March 2021	"Review on the Ethical and Legal Challenges with IoT"	April 2021	Dubai	International
10	Lincy Loy, Dr Ravishankar Dudhe	2nd IEEE International Conference on Computational Intelligence and Knowledge Economy ICCIKE'2021, 17 to 18 March 2021	"Analysing Efficient MANET Routing Protocols to Integrate with Smart Devices"	April 2021	Dubai	International
11	Rachana Bhaskaran Venugopal, Dr Ravishankar Dudhe	2nd IEEE International Conference on Computational Intelligence and Knowledge Economy ICCIKE'2021, 17 to 18 March 2021	"IoT based advanced heatstroke alarm system"	April 2021	Dubai	International
12	Aisha Joshna, Dr Ravishankar Dudhe	2nd IEEE International Conference on Computational Intelligence and Knowledge Economy ICCIKE'2021, 17 to 18 March 2021	Disruptive Technologies in Energy and Environment	April 2021	Dubai	International

Sl. No.	Name of the Faculty	Name of the Workshop/ Conference	Title of the paper/poster presented, with the name of the Co-Authors	Date	Place	State/ National/ International
13	Mr Ganesan S, Dr Pandey S K	2nd IEEE International Conference on Computational Intelligence and Knowledge Economy ICCIKE'2021, 17 to 18 March 2021	Post COVID-19: Possible Impacts on Resiliency, Degree of Risk in Food Supply Chain	April 2021	Dubai	International
14	Anita Mary, Dr Roma Raina	2nd IEEE International Conference on Computational Intelligence and Knowledge Economy ICCIKE'2021, 17 to 18 March 2021	Sustainable Solution for the Purification of Particulate Matters	April 2021	Dubai	International
15	Dr Shamik Palit	International Conference on Research in Education and Science (ICRES 2021), Antalya, Turkey	Impact of Big Data on Education Management	April 2021	Dubai	International
16	Dr Shamik Palit	International Conference on Computational Intelligence in Engineering Systems (ICCIES 2021), Maharashtra, India	Emerging Trends in the University Library Management System	April 2021	India	International
17	Dr Shamik Palit	International Conference on Business Analytics and Intelligence (ICBAI 2021)	Impact of UI-UX in Driving E-Business	December 2021	India	International
18	Ms Noor Ulain Rizvi; Dr Sunitha Prabhuram	Oxford Symposium on Women's leadership and Educational Research	Education in troubled times and the way forward: Learners' perspective	August 2021	Dubai	International

Sl. No.	Name of the Faculty	Name of the Workshop/ Conference	Title of the paper/poster presented, with the name of the Co-Authors	Date	Place	State/ National/ International
19	Mr Rohan, Vinod, Leena, and Dr Suchi Dubey	International Conference on Reliability, Infocom Technologies and Optimization (ICRITO) (Trends and Future Directions	Transforming Supply chain Management through Industry 4.0	September 2021	Dubai	International
20	Ms Shaghi S Nair	8th Undergraduate Virtual Research Competition, Abu Dhabi University	A Biophilic City an Integrated System	June 2021	Abu Dhabi	International
21	Ms Shaghi S Nair	8th Undergraduate Virtual Research Competition, Abu Dhabi University	Redefining Significance of Community Spaces in Sustainable Neighbourhood Planning: Context of Dubai, UAE	June 2021	Abu Dhabi	International
22	Dr Ashok Iyer and Ms. Shaghi S Nair	7th Annual Manipal International Symposium on Design, MISD-CIAT 2021	Reflections Of Cultural Urbanism in The Emirate of Sharjah, UAE	November 2021	Dubai	International
23	Ms Shaghi S Nair	7th Annual Manipal International Symposium on Design, MISD-CIAT 2021	A Biophilic Ecosystem: The Integration of a New City Habitat	November 2021	Dubai	International
24	Ms Dipti Shukla	SPARK'21- An International conference on Architecture and beyond	"Reclaiming Urban Spaces for Women through Gender Inclusive Approaches"	March 2021	Dubai	International
25	Ms Dipti Shukla and Dr Shaji Panicker	International Conference on Online Education: Teaching in a Time of Change: AMPS	From the drawing board to the screen: architectural pedagogy during and after the pandemic.	April 2021	Dubai	International

Sl. No.	Name of the Faculty	Name of the Workshop/ Conference	Title of the paper/poster presented, with the name of the Co-Authors	Date	Place	State/ National/ International
26	Ms Dipti Shukla	Multidisciplinary International Conference "Blurred Boundaries: In search of an Identity." by SMEF's BRICK School of Architecture, Pune, Maharashtra, India,	Paradoxes in the context of sustainable urban development in the UAE: Dipti Shukla and Aiswarya Premjith.	September 2021	India	International
27	Ms Dipti Shukla and Dr Shaji Panicker	7th Annual Manipal International Symposium on Design, Real Vs Virtual, MISD-CIAT 2021	The pandemic Chronicles: Transformation of architectural pedagogy	November 2021	Dubai	International
28	Ms Dipti Shukla	7th Annual Manipal International Symposium on Design, Real Vs Virtual, MISD-CIAT 2021	Strengthening the Environmentally Sustainable Narrative with Bio-Digital Architecture Systems	November 2021	Dubai	International
29	Ms Dipti Shukla and Ms Shaghi Nair	E-Conference 2021; 'Transcending Habitats: Co-Emergence of Resilience & Adaptation' conducted by BMSCA, Karnataka	Flood resilient sustainable architecture for residential typology; Case of coastal edge Kerala	November 2021	India	International
30	Ar Antima Kuda and Ar Dipti Shukla	Multidisciplinary International Conference "Blurred Boundaries: In search of an Identity." by SMEF's BRICK School of Architecture, Pune, Maharashtra, India,	Paper Presentation on Heritage Integration with Urban Advancement for The Cities in India for the theme Heritage as an Anchor.	September 2021	India	International



Sl. No.	Name of the Faculty	Name of the Workshop/ Conference	Title of the paper/poster presented, with the name of the Co-Authors	Date	Place	State/ National/ International
31	Ar Antima Kuda and Ar Arushi Malhotra	7th Annual Manipal International Symposium on Design, MiSD – CIAT 2021.	Paper Presentation on Re-Designing Dining to Prepare for Pandemic.	November 2021	Dubai	International
32	Ar Antima Kuda	International Conference on Advances in Construction Materials and Structures 2021, organized by St Thomas Institute for Science and Technology, Trivandrum, Kerala, India.	Paper Presentation on Advancement in Nanomaterials and Nanotechnology Towards Sustainable Architecture.	December 2021	India	International
33	Ms Sneha Elsa Thomas	7th Annual Manipal International Symposium on Design MISD – CIAT 2021.	The Transformative Impact of Water-Based Developments on the Imageability of Dubai	November 2021	Dubai	International

#### Details of Donation of Books

Sl. No.	Name and Designation of Person	Name of the Book	Date
1	Mr Yoganath (Librarian)	Barrons GRE	22 March 2021
2	Mr Raghavan – an acquaintance of the Chair from the School of Design and Architecture	Service Operations Management	8 November 2021
3	Mr Raghavan– an acquaintance of Chair from School of Design and Architecture	The 8 Week Cholesterol Cure: How to Lower Your Blood Cholesterol by up to 40 per cent without Drugs or Deprivation	8 November 2021
4	Mr Raghavan– an acquaintance of Chair from the School of Design and Architecture	The Miles Kelly Book of Knowledge	8 November 2021
5	Mr Raghavan – an acquaintance of Chair from the School of Design and Architecture	The Winners Manual: Achieving Excellence, Influencing People, Balancing Work and Life	8 November 2021

Sl. No.	Name and Designation of Person	Name of the Book	Date
6	Mr Raghavan – an acquaintance of Chair from the School of Design and Architecture	The Winners Manual: Effective Leadership, Managing People, Managing Change	8 November 2021
7	Mr Raghavan – an acquaintance of Chair from the School of Design and Architecture	The Winners Manual: Managing Teams, Motivating People, How to Delegate	8 November 2021
8	Mr Raghavan – an acquaintance of Chair from the School of Design and Architecture	The Winners Manual: Marketing Effectively, Thinking Creatively, Communicate Clearly	8 November 2021
9	Mr Raghavan – an acquaintance of Chair from the School of Design and Architecture	The Winners Manual: Selling Successfully, Making Presentations, Manage Your Time	8 November 2021

### Photo gallery



Reading Area at Library, MAHE - Dubai Campus



Bookshelves at Library, MAHE - Dubai Campus

## Manipal University College Malaysia Library

Address: 1st Floor, Library Complex, Jalan Batu Hampar, 75150 Bukit Baru, Melaka

Phone Number: +606-2896662 Ext 1125

Email-Library: library@manipal.edu.my

Librarian Email: shazana.ms@manipal.edu.my



Name of Librarian: Shazana Binti Mohd Selva

Year of Establishment of Library: 2001

### Brief about Library

Manipal University College Malaysia Library (MUCM) is located on the first and ground floor of the library complex at the main campus while Muar Facility is located on the first floor of the administrative building.

The main campus library is divided into two areas, namely the reading area located on the ground floor and the main library located on the first floor. The main library consists of various sections: circulation counter, discussion rooms, utility room, leisure reading area, individual study corner and computer laboratory with LCD facility.

While for Muar facility library, the following section is available, general reading area,

leisure reading area and computer laboratory along with five discussion rooms.

The library has almost 12,000 hardcopy books on major subjects in Medicine, Dentistry and Foundation programs and 29 online books in Dentistry. Besides that, the MUCM library also subscribes to 37 titles of online journals in the medical and dentistry field. The library has a subscription to many useful online databases namely BMJ Learning, BMJ Journals, BMJ Best Practice, BMJ Case Report and BMJ Research to Publication. The Cochrane Library was previously subscribed and one of the highly used platforms in our institution but now it is freely accessible in Malaysia.

## Services and Facilities of the Library

Sl. No.	Name of the Facility	Name of Services
1	Discussion Rooms	Circulation
2	Individual Study Carrels	Reference
3	Leisure Reading Area	Interlibrary Loan
4	Printer and Photocopy Machine	Information Literacy Class
5	Wi-Fi connection	Web-Based Online Public Access Catalog (WEBOPAC)
6	Laptop area	In-house database

## Library Resources (Total collection of library resources as of 31 December 2021)

Collection	Total
Books	12,558
e-Books	132
Journals	-
Online journals	30
Back volumes of journals	550
CDs	516
WHO publications	-
Dissertations	-
Online databases	5

## Details of Donation of Books

Sl. No.	Name and Designation of Person	Name of the Book	Date
1	Professor Dato' Dr Sachchithanantham Kanagasabai	1. Excellence in clinical case presentation in surgery and paediatrics: fifty-one plus examination cases illustrated. 2. Excellence in clinical case presentation in medicine: fifty-one plus examination cases illustrated. 3. Gynaecology today: A textbook of gynaecology	15 October 2021
2	Professor Dr Ashutosh Sadashiva Rao; Head of Orthopaedic Department	Guide to History Taking and Orthopaedic Clinical Examination	26 January 2022

Photo gallery



Circulation Counter (Muar)



Circulation Counter



Reading Area



Study Area (Muar)



Computer Lab (Muar)



Computer Lab

**XVII**

# Photo Gallery



3rd Anniversary Celebration of Manipal Comprehensive Cancer Care Centre and launch of eGlobal Cancer Consortium, KMC Manipal & KH



AICTE Challenge, Hum Fit Toh India Fit, MIT



Awareness Talk on Cervical Cancer



Breast Cancer Awareness Programme, KH



Childrens Day Celebration, Paediatrics Department, KH



Felitation to COVID 19 Warriors, MIT



First International Conference on Artificial Intelligence, Computational Electronics and Communication System (AICECS)



Hindusthani Vocal By Pt. Jayathirtha Mevundi, CCC, MAHE



Inauguration of Division of Interventional Radiology



International Conference on Combating Antimicrobial Resistance



International Day of Radiology, KMC & KH Hospital, MAHE



Lecture by Smt. Nirmla Sitharaman, MIC



Nasha Mukta Bharat Abhiyaan, Department of Student Affairs, MAHE



National Science Day Celebration, MSLS



Soft Skill Workshop, HR, MAHE



Women's Day Celebration, KH, MAHE





**XVIII**

**Top Ranking  
Institutions**

# MAHE Awards / Ranking



**9 JULY 2018 - MHRD, GOVT OF INDIA RECOGNIZES MAHE AS AN "INSTITUTION OF EMINENCE"**



NAAC Reaccreditation 'A'  
GRADE SCORE OF 3.30 CGPA



No. 1 Pvt. Univ.



ISO 9001:2015 Certification  
ISO 14001 : 2015  
CERTIFICATION  
ISO 50001 : 2018  
CERTIFICATION



No. 2 in India; 47<sup>th</sup> Globally –  
Sub-urban category



QS World 2022  
751 – 800



Overall - 605  
Research -581  
Teaching - 578



QS Asia 2022  
194



Overall – 401-600  
SDG Good Health and Wellbeing: 101-200  
SDG Responsible Consumption and Production: 101-200  
SDG Quality Education: 401-600  
SDG Ind, Inno & Infra: 201-300  
SDG Partnership for the Goals: 401 - 600  
SDG Clean Water and Sanitation 201- 300



Pharmacy: 151 -200  
Medical: 351-400  
Bio Science: 501-550



QS India Rank 2020- 26



Rank 2020  
4 in top 75 universities  
2 in top 50 deemed universities



THE Young Univ Rank 2022  
351-400



No. 1 Pvt.  
Multi Disciplinary Univ.



7 – University category (2021)  
15 – Overall (2021)  
Research -27



THE WUR 2022  
1001-1200



THE AUR 2021  
351-400



Band-Excellent under  
University & Deemed to be  
University (Private/Self  
Financed) (Technical) category










THE Emerging Economies  
2022 301-350



No. 2 Pvt. Univ.

## MAHE Institutions Ranking - 2021

Ranking agency	Category	KMC - Manipal	KMC - Mangalore	WGSMA- Manipal	MCODS - Manipal	MCODS- Mangalore	MIT - Manipal	MIC- Manipal	MSAP- Manipal	MCOPS- Manipal	PSPH MSW	MSLS	MCON
	Private – All India	2	9	1	1	2	4	6	6 (DOD)	-	-	-	-
	Private – South Zone	1	6	1	-	-	2	-	-	-	-	-	-
	Overall-southzone	3	9	1	-	-	8	6	-	-	-	-	-
	Overall	10	23	-	1	7	51	-	18	8	-	-	-
	Overall	13	32	2	5	9	-	6	9 21 (Design)	-	-	40	-
	Private	2	10	-	-	-	3 1 (South -pvt)	-	-	-	-	-	-
	Emerging College	-	-	-	-	-	-	-	-	-	4	2	-
	Private	2	7	1	1	3	11	3	2 8 (Design)	-	14	39	-
	Private	2	-	-	-	-	3	-	-	2	-	-	-
	Subject	351-400	-	-	-	-	-	-	-	151-200	-	501-550	-
	India	-	-	-	-	-	7 (Comp Sci) 3 (Data Sci) 1 (Biotech & biomed)	3 (BAJM)	7	-	-	-	4 (BSc Nur)



**XIX**

**University Teaching  
Hospitals**

## Hospital Statistics

Name of the Hospital	Bed Strength
Kasturba Hospital, Manipal and Shirdi Sai Baba Cancer Hospital, Manipal	2,032
Dr TMA Pai Hospital, Udupi	180
Dr TMA Pai Rotary Hospital, Karkala	80
KMC Hospital, Ambedkar Circle, Mangalore	324
KMC Hospital, Attavar, Mangalore	470
Manipal Hospital, Bengaluru	600



Kasturba Hospital, Manipal



KMC Hospital Ambedkar Circle, Mangalore



Dr TMA Pai Hospital, Udupi



KMC Hospital, Attavar, Mangalore



Dr TMA Pai Rotary Hospital, Karkala



Manipal Hospital, Bengaluru



“Its my firm conviction that one man can only struggle, but it requires the “co-operation” of thousands to make his efforts succeed.”

Padma Shri awardee Dr T M A PAI

