



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

MAHE Research Bulletin

January – March 2023



Manipal Academy of Higher Education (MAHE) is among the second top-ranked private university in India according to the Quacquarelli Symonds World University Ranking 2022. In the 18th edition of the rankings, MAHE figures in the 751-800 band, among 1,673 analysed universities and 1,300 institutions ranked from 93 countries. MAHE's performance was noted among the top 58 per cent in the rankings this time.

For the Quacquarelli Symonds (QS), World University Ranking, universities are evaluated on six performance indicators: academic reputation, employer reputation, student-to-faculty ratio, citations per faculty, international faculty ratio, and international student ratio. Four of the indicators are based on hard data, and the remaining two are based on major global surveys – one of the academics and another of employers – each the largest of their kind and for the 2022 Rankings, QS has analysed over 96 million citations from more than 14.7 million recorded publications, before evaluating 1,300 Universities.

Directorate of Research – MAHE, Manipal



In alignment with the vision of MAHE, the Directorate of Research facilitates and supports the research activities of MAHE. It aims at nurturing and promoting the research of global standards.

Vision
To nurture and promote research activities of global standards.

Mission
"To facilitate and contribute to research in all disciplines, thereby improving yield in terms of grants, research innovation, intellectual property, and publications."

Objectives

- To identify research priorities and initiate programs.
- To seek research grants and promote focused research of national importance.
- To foster new collaborations and strengthen existing ones.
- To disseminate research findings in high-impact publications.
- To provide logistics for researchers to implement ideas.
- To support IP-related activities and Technology Transfer.

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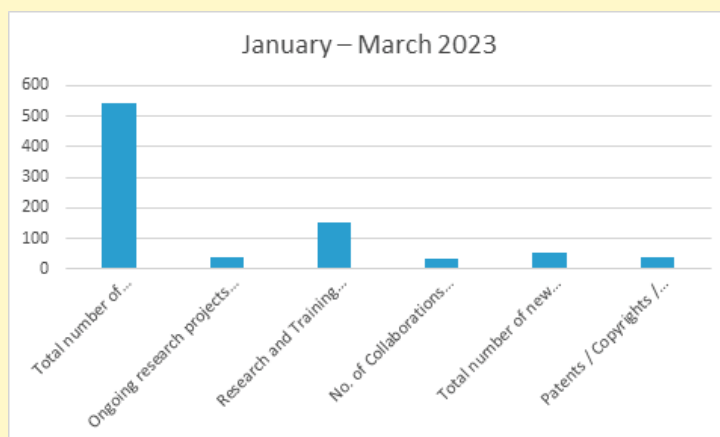
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A. Info-graph of Research Activities during the period January to March 2023



B. Top publications for the period of January to March 2023

S. No	Title Of the Publication	Author Name	Institution	Name of the Journal	Month and Year of Publication	Journal quartile Q1 (Top 10 percentile)
1	ManipalUAV person detection dataset: A step towards benchmarking dataset and algorithms for small object detection	Ms Akshatha K R	Manipal Institute of Technology, Manipal	ISPRS Journal of Photogrammetry and Remote Sensing	January 2023	98
2	A baseline study of microplastic pollution in a Southern Indian Estuary	Vishnu Unnikrishnan	Manipal Institute of Technology, Manipal	Marine Pollution Bulletin	January 2023	97
3	Adsorptive removal of tetracycline from aqueous solutions using magnetic Fe ₂ O ₃ / activated carbon prepared from Cynometra ramiflora fruit waste	Dr Raja S	Manipal Institute of Technology, Manipal	Chemosphere	January 2023	97

S. No	Title Of the Publication	Author Name	Institution	Name of the Journal	Month and Year of Publication	Journal quartile Q1 (Top 10 percentile)
4	2,4Dichlorophenoxyacetic acid (2,4D) adsorptive removal by algal magnetic activated carbon nanocomposite	Dr Ramesh V	Manipal Institute of Technology, Manipal	Chemosphere	January 2023	97
5	Determinants of Visitors' Loyalty to Religious Sacred Event Places: A Multigroup Measurement Invariance Model	Dr Vasanth Kamath Vp	Manipal Institute of Technology, Manipal	Journal of Travel Research	January 2023	99
6	Optical printing of plasmonic nanoparticles for SERS studies of analytes and thermophoretically trapped biological cell	Monisha k	Department of Atomic and Molecular Physics	Sensors and Actuators, B: Chemical	February 2023	98
7	Microplastics occurrence, detection, and removal with emphasis on insect larvae gut microbiota	Dr Raja S	Department of Chemical Engineering	Marine Pollution Bulletin	March 2023	97
8	A trusted IoT data sharing and secure oracle based access for agricultural production risk management	Manoj T	Manipal Institute of Technology, Manipal	Computers and Electronics in Agriculture	January 2023	99
9	Bimodal UV photoacoustic and fluorescence sensor for breath analysis	Nidheesh V R	Department of Atomic and Molecular Physics	Sensors and Actuators, B: Chemical	March 2023	98
10	Multifunctional engineered mesoporous silica/inorganic material hybrid nanoparticles: Theranostic perspectives	Neha Benedicta Fernandes	Manipal College of Pharmaceutical Sciences, Manipal	Coordination Chemistry Reviews	March 2023	99
11	PaperBased Dots and Smartphone for Detecting Counterfeit Country Eggs	Rohitraj Ray	Indian Institute of Science Bangalore	Food Chemistry	March 2023	97

C. Patents filed during the period of January to March 2023

Krishna Kishore Mahato, Jackson Rodrigues, Subhash Chandra from the Manipal School of Life Sciences (MSLS), Manipal. Stanley Mathew, Kasturba Medical College (KMC), Manipal have filed a patent titled "Device and Method for Percutaneous Breast Lump Diagnosis and Intraoperative Tumor Positivity Detection" on 4 January 2023.

Anitha H, Roshan R Naik, Usha Kiran, Manipal Institute of Technology (MIT), Manipal. Shyamasunder Bhat N Kasturba Medical College (KMC), Manipal have filed a patent titled "A 3D-2D Registration Framework for Multimodel Imaging" on 10 January 2023.

Sathyashankara Sharma, Ramakrishna Vikas Sadanand and Manipal Institute of Technology (MIT), Manipal. P Raghavendra Prabhu, Manipal Institute of Technology (MIT), Bengaluru have filed a patent titled "Method Facilitating an Age Hardening Treatment of an Alloy" on 12 January 2023.

Shwetha V, Vijayalaxmi, Manipal Institute of Technology (MIT), Manipal have filed a patent titled "System for Detection of Plant Disease" on 11 January 2023.

Ganesha Prasad, Raghavendra C Kamath and Vijay Srinivas Gaddale, Manipal Institute of Technology (MIT), Manipal have filed a patent titled "A Method Facilitating Image Selection in an Image Acquisition System" on 7 February 2023.

Ritu Raval, Atheena P V, Manipal Institute of Technology (MIT), Manipal have filed a patent titled "Method for Direct Generation of Bioethanol from Chitin Substrates" on 20 February 2023.

Rajesh K M, Subbalaxmi S, Ritu Raval Manipal Institute of Technology (MIT), Manipal have filed a patent titled "Manipal Process Optimization of a Halophilic Chitinase for The Production of Chitooligosaccharides" on 17 February 2023.

Aman Pratap Singh, Diksha Chhaparia, Gayathri Krishnamoorthy, Aparna I Narayana, Dhanasekar B, Manipal College of Dental Sciences, Manipal have filed a patent titled "Heating Device for Dental Laboratory Applications" on 28 February 2023.

Naresh Kumar Mani, Vijendra Prabhu, Praveen Kumar, Peralam Yegneswaran, and Anusha Prabhu B, Manipal Institute of Technology (MIT), Manipal. Prakash Peralam Yegneswaran Kasturba Medical College (KMC), Manipal have filed a patent titled "Process Facilitating Signal Enhancement in Molecular Assays" on 6 March 2023.

Vaishnavi Milan Linata Karpe, Veena Rao, and Resmi G, Manipal School of Architecture and Planning, Manipal have filed a patent titled "A Process for Extracting Plant-Based Fiber" on 8 March 2023

K K Mahato, Jackson Rodrigues, Subhash Chandra, Manipal School of Life Sciences (MSLS), Manipal. Stabley Mathew, Kasturba Medical College (KMC), Manipal have filed a patent titled System for Tumour Detection on 15 March 2023.

Shonraj Ballae Ganeshrao, Priyanka M, Ramesh S Ve, Manipal College of Health Professions, Manipal. Vijaya Pai H, Neetha Kir Kasturba Medical College (KMC), Manipal have filed a patent titled "A Device for Detection of Visual Field Defects Using Eye Movements" on 13 March 2023.

Vidya Rao, Cifha Crecil Dias, Poornima Panduranga Kundapur and Abhilash K, Manipal Institute of Technology (MIT), Manipal have filed a patent titled "System Facilitating Navigation and Method Thereof" on 24 March 2023.

K K Mahato, Manipal School of Life Sciences (MSLS), Manipal have filed a patent titled "Photoacoustic Probe for Detecting Cancer or Other Pathological Disorder in Breast on 20 March 2023.

Srinivas Mutalik, Aswathi R Hegde, Manipal College of Pharmaceutical Sciences (MCOPS), Manipal have filed a patent titled “Nano-Vesicles Loaded with Anticancer Agent for The Targeted Delivery, And A Method of Preparation Thereof” on 6 March 2023.

Nisha P Shetty, Aman Priyanshu, Balachandra, Manipal Institute of Technology (MIT), Manipal have filed a patent titled “System and Method of a Selective Identity-Attribute-Based Encryption Scheme to Prevent Privacy Breaches” on 21 March 2023.

Sathyashankara Sharma, Shivaprakash M, Gurumurthy M, Sowrabh S, Ananda Hegde Manipal Institute of Technology (MIT), Manipal have filed a patent titled “A Method Providing Aging Treatment of Alloys” on 17 March 2023.

D. Grants Office, Directorate of Research, MAHE, Manipal

Manipal Academy of Higher Education (MAHE) has always considered research as an essential area. In the present knowledge era, it has positioned itself as a university that emphasizes research and innovation. The university’s objective is to support and encourage research projects that meet global standards. Currently, as of March 2023, 382 ongoing projects, with a sanction of over 111.21 crore of which 67.48 crores amount has been received till date., which are being funded by well-known government and non-government organizations such as ICMR, DST, DBT, SERB, CSIR and private organization. With the state-of-the-art research infrastructures, we have been able to generate 27 crores research funding for the FY 2022-23.

The Directorate of Research (DoR) at MAHE is responsible for overseeing the entire grant management process, which includes pre-award planning and post-award reporting. Although applying for grants can be challenging, particularly for new researchers, it is possible to successfully manage even the most complex research programs with the right tools, proactive management, and a well-designed workflow. Our main goal at DoR is to ensure that research grant projects run smoothly by adhering to both funding body and MAHE policies.

In order to manage the entire grant process from pre-award planning to final reporting, MAHE’s administration has established a Grants Office (GO) at the central DoR. The Grants Coordinator oversees the operations of the GO. Our primary objective at GO is to enhance the quantity and quality of research funding, as well as to assist academic and research scholars in improving their research output at MAHE.

We are continuously updating new grant opportunities through various channels such as Funding Institutional, Grants Mgmt. portal and Research Management System (RMS) to support faculty and researchers in achieving our objectives. Furthermore, the Grants Coordinator (GC) will act as the primary contact for all critical discussions related to finance, legal, and HR matters. The GC will also serve as a liaison between the organization and the funders. It is compulsory for any research grant applicants at MAHE to keep the project information updated in the RMS portal.

Note: From now on, the DoR should receive any paperwork that needs to be signed by the Registrar in connection with applications for research grants. Send an email of the document in Word format that needs to be signed by the Registrar to grants.mu@manipal.edu.

Contact Details:

Mr Royal Monteiro, Coordinator - Grants Office, MAHE, Manipal.

DBT/Wellcome Trust India Alliance IRMI Research Management Fellow

Email: grants.mu@manipal.edu

Phone: 0820-29-37733



A. Faculty and Institution Achievements

1. **Dr Tathagata Ghosh**, Professor, Marketing Management, T A Pai Management Institute, MAHE, Manipal, received the best research proposal award at the Research Grant competition, 8th FIIB Research conference, Fortune Institute of International Business on 2 and 3 March 2023. The proposal is joint work with Ms Anju Gupta, MAHE and sanctioned grant money is 75,000 INR. The proposal was titled "From Rags to Riches: Examining the Role of Marketing Interventions in enhancing healthy financial behavior".
2. **Dr Aditi Chopra**, Associate Professor, Department of Periodontology, MCODES, Manipal received the recognition for top cited paper in: GERODONTOLOGY for the paper titled "A five-step risk management process for geriatric dental practice during SARS-CoV-2 pandemic", Manipal, February 2023.
3. 3D Bioprinting and Tissue Culture facility equipped with 3D dual nozzle bioprinter, Anga Pro (Alfatek Systems, Kolkata) to develop 3D bio-printed scaffolds for various biomedical applications

Dr Kirthanashri S V
Associate Professor
MCBR, MAHE, Manipal
4. Use of stem-cell therapy for preantral follicular culture
Preantral follicles are a homogenous oocyte source in the ovary that can generate fertile oocytes if matured in vitro. In our research, we are building an in vitro follicular maturation system for mouse preantral follicles employing stem-cell secretomes as a first step towards developing a human preantral follicular maturation system. As of yet, no research claiming the development of preantral follicles using stem-cell secretome has been reported.

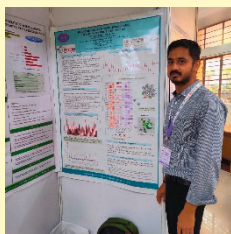
Dr Ramya Nair,
Post-Doctoral Fellow,
MCBR, MAHE, Manipal
5. MCBR organized its first "Stem-Cell Culture, Functional Characterization, and Potency Assays" workshop from 20 to 24 February 2023, led by Dr Raviraja N S, Professor and Coordinator, MCBR, as organizing Chairman along with Dr Manjunatha S Muttigi, Assistant Professor, MCBR, Workshop Convener and Dr Raghavendra Upadhyaya, Assistant Professor, MCBR, Workshop Co-convenor. The inaugural function was graced by the presence of Dr V R Ravi, Mr Manohar B N, Dr H S Ballal, and Dr Sharath K Rao, along with department heads, researchers, and heads of various institutions from MAHE. The workshop covered cell culture basics, transfection experiments, MTT Assay, flow cytometry, and real-time quantitative PCR techniques, among others. Participants interacted with application scientists from companies like Stempeutics

Research, Thermofisher Scientific, and BD Biosciences. The valedictory function was attended by Dr Satish Rao B S, Director of Research, and Dr Niti Nipun Sharma, pro-Vice Chancellor, Strategy and Planning, MAHE.

6. **Dr Girish Pai K**, Associate Professor, Department of Pharmaceutics, and Coordinator Centre for cGMP, MCOPS, MAHE presented the research work entitled “Research on Powdered Film Coated Tablets and Thorough Investigation to Address Remedial Measures” and received First Prize in Oral Presentation at “International Conference on Innovation and Advances in Pharmaceutical Sciences – Current scenario and Future perspectives (ICIAPS - 2023)”. The research work was awarded with First Prize under the category, “Pharmacovigilance and Risk Management”. This conference organised by Adichunchanagiri College of Pharmacy, Adichunchanagiri University and Association of Pharmaceutical Research (APR), B G Nagara, Karnataka was held on 10 and 11 February 2023.



7. **Dr Kiran Kumar Kolathur**, Assistant Professor, Department of Pharmaceutical Biotechnology, Manipal College of Pharmaceutical Sciences, Manipal has secured First place in a clinical research scientific session (Poster) on the topic “To investigate the possible role of UBL5, ubiquitin-like protein in cancers” at XXXXII Annual Conference of the Indian Pharmacological Society [IPSCON 2023] held at JSS College of Pharmacy, JSS Academy of Higher Education and Research, Mysuru, Karnataka, India between 22 and 25 February 2023.



8. **Dr Srinivas Mutalik**, Professor and Head, Department of Pharmaceutics, Manipal College of Pharmaceutical Sciences, MAHE, Manipal has been awarded with the prestigious Sir C V Raman Young Scientist State Award in the field of Life Sciences, instituted by the Government of Karnataka. He received the award on 23 March 2023 at J N Tata Auditorium, Indian Institute of Science, Bengaluru from Dr C N Ashwath Narayan, Hon’ble Minister for Higher Education, Electronics, IT, BT and SandT, Government of Karnataka in the presence of Bharat Ratna Prof CNR Rao. Other dignitaries present at the function were Sri A S Kiran Kumar (Former Chairman of ISRO), Prof Govindan Rangarajan (Director, IISc), and Dr E V Ramana Reddy (Additional Chief Secretary). Dr Mutalik is an eminent researcher in the area of Novel Drug Delivery Systems and Nanomedicine. He has more than 200 publications in reputed journals and 7 patents to his credit. He has received several research grants (more than 6 Cr INR in total as Principal Investigator) from various funding agencies and received several awards. Dr Mutalik is a PhD guide for more than 15 research scholars and more than 40 M Pharm students. He has set research collaborations within the university and at national and international levels.



9. **Dr Usha Y Nayak**, Additional Professor in the Department of Pharmaceutics, Manipal College of Pharmaceutical Sciences, Manipal received the Award for Research Publications (ARP) in Pharmacy for 2021-22 from Vision Group on Science and Technology (VGST), Government of Karnataka. The award is given to outstanding researchers and faculty who have published

their research in reputed peer-reviewed scientific journals. Dr Nayak is working in the area of nanoparticulate controlled drug delivery, QbD, molecular modelling, and computational simulation. She has published 116 research papers in reputed journals and has a Scopus h-index of 26. She has received various research grants from industries and government funding agencies and guided 7 PhD students.

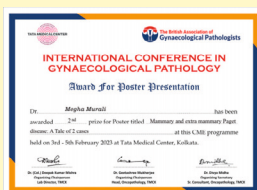


10. Dr Syed Irfan Ali, Professor, Community Medicine got 1st Prize in Faculty Oral presentation in IAPSM-CON 23 at Hyderabad between 2 and 4 February 2023.

11. Dr Aparna Pai, Professor and Head of the Department of Neurology, KMC, Manipal was given a memento for participating as an invited speaker in the 1st Indian Stroke Society Conference organized by Rajendra Institute of Medical Sciences,(RIMS) Ranchi on 26 March 2023.



12. Dr Megha Murali, Assistant Professor, Dept. of Pathology, KMC, Manipal has been awarded 2nd prize for Poster titled "Mammary and extra mammary Paget disease: A Tale of 2 cases" at CME held from 3 to 5 February 2023 at Tata Medical Centre, Kolkata.



13. Dr Pratap Kumar, Professor and Head Department of Reproductive Medicine and Surgery has participated in ISAR 2023 Bhopal, 27th Annual conference of Indian Society for Assisted Reproduction and was given Certificate of Appreciation.



14. Dr S Shanmuga Priya, Additional Professor, Department of Chemical Engineering, MIT, Manipal conferred with VGST – Centre for Excellence in Science, Engineering for a research grant titled "Development of low cost and bio-based MOF for photocatalytic reduction of carbon dioxide to solar fuels" of about 40 lakhs for a period of 2 years (2023-2025)



15. Dr S Nethaji, Assistant Professor Selection Grade, Department of Chemical Engineering, MIT, Manipal conferred with VGST – RGSF fund for a project titled "Development of metal oxide-based nanocomposites for adsorption and oxidation of asphaltenes and valorization of the adsorbed asphaltenes into value added products" 3 lakhs INR, January 2023.



16. Ms Ramyashree, Assistant Professor (Contract), Department of Information and Communication Technology MIT, Manipal, MAHE, Manipal was honoured with Best Paper presentation Award during PhD Research Scholars Colloquium organized by IEEE Mangalore Subsection and NMAMIT IEEE Student Branch at NMAMIT, Nitte on 18 March 2023.

17. Dr Narendra Khatri, Assistant Professor from the Department of Mechatronics, MIT Manipal has received Best Paper Award (A certificate with AED 500 cash) in International Conference on Computational Intelligence and Knowledge Economy (ICCIKE2023) at Amity University Dubai, UAE, technically co-sponsored by IEEE UAE during 9-10 March



2023. Further, has got granted of three design patents. i) *IoT Based Agricultural Spray Machine*, ii) *IoT Based Robot for Sanitization* and iii) *Device to Detect Electrical Characteristics*.

18. Dr G Arun Maiya, Dean-MCHP, Professor, Department of Physiotherapy, Chief- Centre for Diabetic footcare and research received the best research award and first prize in clinical science research award category for the paper "Medical Device Innovation Novel Laser Shoe in nT2DM with neuropathic pain" at Chellaram Diabetes Institute and International Diabetes Federation 7th International Diabetes Summit 2023 held from 10 to 12 March 2023 at Pune.



19. Dr Abraham Samuel Babu, Associate Professor, Department of Physiotherapy, MCHP has been selected to the "Work Force" one of the five Work Streams of World Rehabilitation Alliance, a hosted network of World Health Organization (WHO).



20. Dr Sanjay Bharati, Associate Professor, Department of Nuclear Medicine, Manipal College of Health Professionals (MCHP), MAHE Manipal received outstanding reviewer award for year 2022 by "Biomedical Materials" journal, IOP Publisher.
21. Ms Vasumathi, Assistant Professor, Selection grade, Department of Nuclear Medicine, MCHP, MAHE Manipal, received first prize for oral presentation competition on 15 February 2023, organized by Department of Physiology, Manipal CRL KS Hegde Medical Academy, Nitte and University of Miyazaki, Japan on Indo-Japan International Conference.
22. Dr Gopee Krishnan, Additional Professor, Department of Speech and Hearing, MCHP won Muktesh Award, Best paper award in Speech category presented during 54th National Conference of the Indian Speech and Hearing Association held from 17 to 19 February 2023.
23. Dr Hari Prakash P, Associate Professor, Department of Speech and Hearing, MCHP won Muktesh Award, Best paper award in Audiology category presented during 54th National Conference of the Indian Speech and Hearing Association held from 17 to 19 February 2023.
24. Dr Gururaja K V, Faculty and Academic Dean, Law, Environment and Planning, Srishti Manipal Institute of Art, Design and Technology, MAHE, Manipal conferred with Special Grants from MAHE to attend Bioacoustics Winter School held at University Jean Monnet, St Etienne, France from 3 to 17 January 2023. Dr Gururaja received Diploma with honors in Bioacoustics.
25. Dr Gururaja K V, Faculty and Academic Dean, Law, Environment and Planning, Srishti Manipal Institute of Art, Design and Technology, MAHE, Manipal released a booklet and poster titled "Mandooka Vana" at the hotel Taj, Madikeri on 17 March 2023.



26. Dr Nayanatara A K, Associate Professor, Department of Physiology won second prize in paper presentation at Indo Japan International conference on future health strategy by transdisciplinary approach K S Hegde Charitable Hospital Campus, Deralakatte, Mangalore held from 13 to 15 February 2023.



27. Dr Mayur Bhat, Assistant Professor, Department of Audiology won Muktesh Award for the Best Oral Paper Audiology at 54th Indian Speech and Hearing Association Conference, New Delhi ISHACON 2023 from 17 to 19 February 2023.



28. Ms Chanchal Chaudhary, Assistant Professor, Department of Audiology won Muktesh award for Best Paper in Speech at 54th Indian Speech and Hearing Association Conference, New Delhi ISHACON 2023 from 17 to 19 February 2023.



29. Dr Murlimanju BV, Associate Professor, Department of Anatomy, contributed chapters in textbook Rehabilitation in Neurotrauma: Current Concepts, Practices and Recommendations (ISBN 9781685077877). Chapter 1. Motor System, Gait and Balance 2. Bowel and Bladder Dysfunction 3. Sexual and Reproductive Dysfunction.



30. Dr Sevitha Bhat and Dr Pooja Rao, Associate Professor, Microbiology published book "Competency based questions and answers in Microbiology" for Second MBBS Professional Examination (ISBN 978-93-5466-054-2).



31. Dr Animesh Jain, Professor, Department of Community Medicine elected as the Executive Committee member from south zone for Indian Association of Preventive and Social Medicine (IAPSM).



32. Dr Sunil Kumar Math, Assistant Professor, Department of Surgery awarded fellowship Endoscopy Basic Diagnostic and Therapeutic Endoscopy by the Indian Association of Gastrointestinal Endo-Surgeons on 12 February 2023.



33. Dr Vishranka S Aithal Assistant Professor, Department of Surgery awarded fellowship Endoscopy Basic Diagnostic and Therapeutic Endoscopy by the Indian Association of Gastrointestinal Endo-Surgeons on 12 February 2023.



34. Dr Medha Uruval Assistant Professor, Department of Surgery awarded fellowship Endoscopy Basic Diagnostic and Therapeutic Endoscopy by the Indian Association of Gastrointestinal Endo-Surgeons on 12 February 2023.



35. Dr Pranoti Arjun Pol, Assistant Professor, Department of Surgery awarded fellowship in advanced laparoscopic surgery by the Indian Association of Gastrointestinal Endo-Surgeons on 12 February 2023.



36. Dr Preetie Shett, Assistant Professor, Department of Audiology and Speech Language Pathology won Best Platform Presentation in Dysphagia, at International Dysphagia Conclave held at Goa from 8 to 11 March 2023.



37. Dr Gayathri Renganathan, Senior Resident, Department of Paediatrics passed Indian Diploma of Pediatric critical care medicine examination held on 6 January 2023.



38. Dr Srirama Bhat M, Professor, General Surgery published SRB's Manual of Surgery-7th edition book in March 2023 (ISBN 9789356961852).



B. Achievements by research scholars and students

39. Mr Tijo George, Research scholar PhD student: batch 2020), Human Resource Department, T A Pai Management Institute, MAHE, Manipal, received Best Paper Award at Management Doctoral Colloquium, Vinod Gupta School of Management, IITKGP, on 1 and 2 February 2023. The paper is part of his PhD work.

40. Dr Gayathri Prabhu's memoir, "if I had to tell it again" and MCH were recently featured in the US based Oxford Handbook of Modern Indian Literatures.

41. Dr Kavary Chengappa S, postgraduate student, Department of Public Health Dentistry, MCOODS, Mangalore, has won first prize for paper presentation titled, "Microplastic and heavy metal content of over-the-counter toothpastes – A systematic review" at the 14th National PG Convention of Indian Association of Public Health Dentistry (IAPHD) held at BHU, Varanasi, Uttar Pradesh on 10 and 11 February 2023, done under the guidance of Dr Ashwini Rao, Professor, Department of Public Health Dentistry.



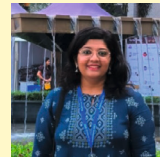
42. Dr Kadambari Sriram, postgraduate student, Department of Conservative Dentistry, MCOODS, Mangalore, has won second prize for paper presentation on the Topic « Vital Approach to Traumatic Injury» at 1st Aesthetic Dentistry Association of India National Conference at TMA Pai Convention Centre, Mangalore from 3-to 5 February 2023.



43. Dr Rohita Arora, postgraduate student, Department of Paediatric Dentistry, MCOADS, Mangalore, won second place in scientific poster presentation at Saveetha Dental College, Chennai, Tamil Nadu from 23 to 25 February 2023.



44. Dr Kimberly John, postgraduate student, Department of Paediatric Dentistry, MCOADS, Mangalore won third place in scientific poster presentation at Saveetha Dental College, Chennai, Tamil Nadu from 23 to 25 February.



45. Dr Harsimrat Kaur and Dr Ishan Bhatla, Interns, won the overall first position for their E-poster presentation in the UG category and the second place in their scientific session at the 1st ADAI National Conference, 2023 held from 2 to 5 February 2023 on the topic "Don't Do It Yourself: Dangers of DIY Dentistry" under the guidance of Dr Ramya Shenoy, Professor and HOD, Department of Public Health Dentistry.



46. Dr Radhika Agarwal, Intern has won first place in E-poster presentation and first place in overall poster presentation in UG category at 1st ADAI National conference held at Mangalore from 2 to 5 February 2023 on the topic "Glitch in the Bleach. (Over the counter teeth whitening products available on E- portals.)" under the guidance of Dr Manuel Thomas, Associate professor, Department of Conservative Dentistry and Endodontics.



PG students: MSc (By Research) in Biotherapeutics

1. Ms Nikshita (Roll No: 225901004) got a Bayer fellowship
2. Mr Noman Bakshi (Roll No: 22590101) got a research internship stipend from the DBT- Ramalingaswami fellowship grant of Dr Souvik Dey, Assistant professor, MCBR
3. PG Students started internships in various companies

47. Mr Saikumar Matcha, Research Scholar, Dept. of Pharmacy Practice, MCOPS, received Best Poster Award in 7th Asia-Pacific International Society for Study of Xenobiotics (ISSX) 2023, held on 30 and 31 January 2023, and 1 February 2023 at Sheraton Grand Hotel-Brigade Gateway, Bangalore. Mr Saikumar presented the research entitled "Precision Dosing of Amikacin in Term Neonates". Mr Saikumar is pursuing his PhD under Dr Surulivelrajan M, Professor and Head, Department of Pharmacy Practice, MCOPS, Manipal.



48. Ms Prajakta Harish Patil, Research Scholar, Department of Pharmaceutical Chemistry, Manipal College of Pharmaceutical Sciences, Manipal Academy of Higher Education working under guidance of Dr Jagadish P C secured First Prize in Poster competition in 2nd International Global Cancer Consortium for the poster titled “Impact of Complementary and Alternative Medicine on Cyclin Dependant Kinase Inhibitors in the treatment of Breast Cancer: Evaluation of Potential Risk of Herb-Drug Interactions” in the category of translational research. The international conference was held on 7 and 8 January 2023 in Manipal by Global Cancer Consortium in association with Kasturba Medical Collage with the aim of enhancing cancer care through research and education. The theme of conference was “Futuristic oncology: Integrating Precision Medicine in Breast, Liver and Lung Cancer”.



49. Dr Sanjana Subbiah, postgraduate student of Anaesthesiology, has secured First place in the Annual Muller Mace Quiz held on 19 February 2023.



50. Dr Segu Akhil and Dr Ankan Basu, postgraduate students, Department of General Surgery, KMC, Manipal received gold medal award, Prof Vivekananda Prabhu Gold Medal Examination held on 7 and 8 January 2023.

51. Dr Tejaswita Verma and Dr Sruthi Vijendran, post-graduate students, Department of Ophthalmology, KMC, Manipal received second Prize in Quiz Competition, CME “ Uveitis Pe Charcha” on 26 February 2023. Mr Sanketh, Student of Master of Urban Design and Development at Manipal School of Architecture and Planning shortlisted for DAIDA Global Awards 2023 organized by DAIDA Foundation and My Liveable City.

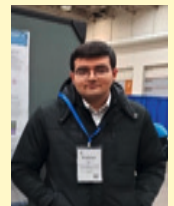
52. Mr Sanketh, Student of Master of Urban Design and Development at Manipal School of Architecture and Planning shortlisted for DAIDA Global Awards 2023 organized by DAIDA Foundation and My Liveable City.



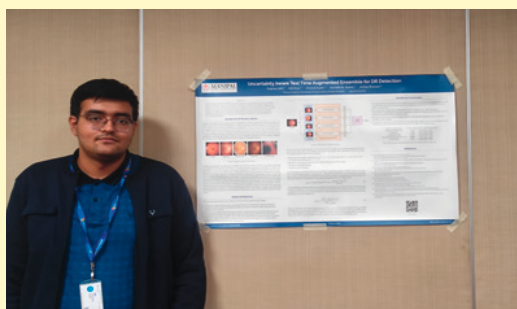
53. Ms Uroolee Changmai, B. Tech final year student at Department of Biomedical Engineering, MIT, Manipal was awarded the Best Poster Award entitled as “Development of curcumin adsorbed zinc oxide nanoparticles impregnated in k-carrageenan gels: Assessing the effect of nanoparticles on swelling behavior” in the National symposium on Recent Trends Biomedical Engineering (NSRTBME 2023).
54. Mr Dhruva P Achar, PhD, first year, Department of Data Science and Computer Applications, MIT, NMAMIT, Nitte, received, best paper presentation award in during the PhD Research Scholars Colloquium on 18 March 2023.
55. Ms Manisha, PhD, 4th Year, Department of Data Science and Computer Applications, MIT, six-month visit to Deakin University, Australia, to continue her PhD studies.”



56. Pratinav Seth, third year, Department of Data Science and Computer Applications was among the eleven undergraduates selected across the globe as AAAI Undergraduate Consortium Scholar 2023. He was awarded a Travel Grant of 2000 USD and presented his work at the Thirty-Seventh AAAI Conference on Artificial Intelligence (AAAI-23) held on 7 to 14 February 2023, at the Walter E. Washington Convention Center, Washington, DC, USA. Link: https://aaai-uc.github.io/2023_scholars.html (Fig 1)



57. Pratinav Seth, third Year, Dept. of Data Science and Computer Applications, was one of the 35 students out of 150+ applicants selected to attend the Trustworthy AI Workshop at Microsoft Research, Bangalore, on 5 to 6 January 2023, co-organized by ASSET Center, University of Pennsylvania, Microsoft Research India, and Wadhvani AI Institute for Social Impact. He also presented a Poster on “Uncertainty Aware Test Time Augmented Ensemble for PIRC Diabetic Retinopathy Detection” there as a part of the Student Poster Session. Link: <https://trust-ai-workshop.github.io/schedule.html>



58. Pratinav Seth, 3rd Year, Dept. of Data Science and Computer Applications, has received Seed Funding for UG Student Research from MAHE for my proposal “Visual Attention-based Skin-Tone Aware Skin Lesion Classification” for an amount of 10,000 INR.

59. Ms Isha Agrawal, IV semester MPT, Department of Physiotherapy, MCHP received ‘MG Mokashi Best Paper Award (Junior Category)’ at SIPCON 2023 held from 23 to 25 March 2023. She presented her paper titled “Activity evoked pain and its relationship with sensitivity measure in people with knee osteoarthritis: a



preliminary cross-sectional investigation.”



60. Ms Naga Padmaja, IV semester MPT, Department of Physiotherapy, MCHP bagged the first prize for the paper presentation titled “Frailty among chronic respiratory diseases in post ICU individuals” at ICPT Conference held from 28 to 29 January 2023 in Navi Mumbai. She was guided by Dr Vaishali K and Mr. Mukesh Kumar Sinha.



61. Mr Prabal Kumar, PhD scholar, Department of Physiotherapy completed the “Translation and cross-cultural adaptation of Sarcopenia Quality of Life”- Kannada version (SarQoL®-Kannada) questionnaire under the guidance of Dr Girish N.



62. Ms Nishitha G and Ms Stelyna Joylin, second year PG, Master of Optometry, Department of Optometry, Manipal college of Health Professions, MAHE, Manipal, received the “Essilor Travel Grant”, which was held on 3 March 2023 at Dr E Vaithlingam Memorial Scientific Session.

63. Ms Tanvi Mathur and Dr Rakesh C V, Dept of Speech and Hearing, MCHP won second prize in “Insignia-making Competition” organized by ISHA Promotion Committee in the year 2023.

64. Ms Seelia Peter A, PhD Scholar, Department of Medical Surgical Nursing, MCON, MAHE, Manipal, received the first prize for the “Poster titled Genomics in dementia care- Nursing Perspectives”, which was held on 16 February 2023 at Manipal.



65. Ms Kallabi Borah, PhD Scholar, Department of Psychiatric (Mental Health Nursing), MCON, Manipal, MAHE, Manipal, received the second prize for the “oral presentation titled Suicide prevention program (SPP) in South Asian countries: A protocol for systematic review”, which was held on 17 February 2023 at Manipal.



66. Mr Vinay C M, PhD Scholar, awarded ICMR Senior Research Fellowship under the project titled "Development of Molecular and Metabolite Reference Library for Authentication of Medicinal Plants" on 6 January 2023, under the guidance of Dr Padmalatha S Rai. 
67. Ms Varijakshi Gutthedar, PhD Scholar, awarded ICMR Senior Research Fellowship under the project titled "Genetic factors of Plasmodium falciparum and Plasmodium vivax associated with Infection, Transmission, and Drug response" from 10 January 2023 under the guidance of Dr Saadi Abdul Vahab. 
68. Mr Dinesh Reghunathan, PhD Scholar, awarded ICMR Senior Research Fellowship under the project titled "Mapping and characterization of R-loops enriched regions and gene regulation during senescence in Breast Cancer" from 1 February 2023 under the guidance of Dr K Satyamoorthy. 
69. Ms Poonam Bhandari, PhD Scholar, awarded ICMR Senior Research Fellowship under the project titled "Regulation and Biological function of ZNF471 in cancer" from 8 February 2023 under the guidance of Dr K Satyamoorthy. 
70. Mr Gagan, PhD Scholar, Department of Biophysics, Manipal School of Life Sciences, MAHE, Manipal, selected to participate and present his work in Siegman International School on Lasers, held at Dublin City University, Dublin, Ireland from 18 to 24 June 2023. Also, based on academic merit, the student has received the Zuegel family scholarship to attend the school. During his visit to Dublin City University, presented his work entitled "Two-photon fluorescence lifetime imaging of hypoxic mouse brain in vivo" in a poster presentation. He is one of the 100 student members selected from all over the world. The attendees will also be a part of lectures from world-renowned lecturers who focus on topics such as the recent advances in biophotonics, and the biomedical application of lasers and optics. The registration, food, and accommodation are sponsored by OPTICA. 
71. Ms Indira Govindaraju PhD Scholar, Department of Biophysics, Manipal School of Life Sciences, MAHE, Manipal, selected to participate in the workshop "Science and Sustainable Food: How Scientific Instruments Can Help Food and Biodiversity Issues for the Planet and its Inhabitant's Health" between 22 and 23 February 2023 at the ICTP - The Abdus Salam International Centre for Theoretical Physics (ICTP), Trieste, Italy. The travel and accommodation of the participant were completely sponsored by the ICTP, Italy. 
72. Ms Ishita Chakraborty, PhD Scholar, Department of Biophysics, Manipal School of Life Sciences, MAHE, Manipal, selected to participate in the workshop "Science and Sustainable food: How Scientific Instruments Can Help Food and Biodiversity Issues for the Planet and its Inhabitant's Health" between 22 and 23 February 2023 at the ICTP - The Abdus Salam International Centre for Theoretical Physics (ICTP), Trieste, Italy. The travel and accommodation of the participant were completely sponsored by the ICTP, Italy. 

73. Dr Lekshmana Bharathi, Department of Pathology won Best Poster Award Titled: "A rare case report of uterine mullerian adenocarcinoma with sarcomatous overgrowth" at MANIPAL PATHCME 2023, first edition "An Update on Genitourinary and Thoracic Tumors" Organised by Department of Pathology, Kasturba Medical College, Manipal on 21 January 2023.



74. Dr Sriram Sujay Prasad and Dr Akshaya S, Department of Pathology won the quiz during "National CME Haem-insight National CME in Haematology" at Father Muller Medical College, Mangalore in collaboration with Horiba India Technical on 19 January 2023.



75. Dr Vaishak Jawahar, Department of Radiation Oncology won first prize in the 2nd International Global cancer consortium conference at MAHE on 7 January 2023. Won second prize in the cancer quiz at cancer symposium at Kalburgi on 28 January 2023.



76. Dr Mounika Bazar, Department of Pediatrics won the prestigious Dr James Flett award for paper presentation at "International Paediatric Association (IPA) conference 2023" which was held from 19 to 23 February 2023.



77. Dr Gaurav S Satyavrdhan, Department of Anesthesia won 2nd place in Muller MACE quiz at Father Muller Medical College on 19 February 2023.



78. Isha L Shetty received Student Achievers' Award - Best in academics by Bank of Baroda on 16 January 2023.



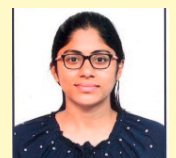
79. Vrishali K S received Student Achievers' Award - Best in sports by Bank of Baroda on 16 January 2023.



80. Inayat Singal received Student Achievers' Award - Best All-rounder by Bank of Baroda on 16 January 2023.



81. Dr Dhivya R, Department of Pediatrics won first prize in poster presentation at the Annual Conference of IAP "Dakshina Kannada Mangalore Pedicon 2023" held at Kanachur Institute of Medical Sciences, Mangalore from 17 to 19 March 2023.



82. Dr Laxmi M Tambake, Department of Microbiology, KMC, won third prize for the oral presentation at the “National Conference MiCON 2023” held on 3 March 2023 at Yenepoya Research Centre, Yenepoya (Deemed to University), Deralakatte, Mangalore.



83. Dr Shriya Sirohiya, Department of Dermatology won IADVL Scholarship for poster presentation at DERMACON on 20 March 2023.



84. Mr Thejaswi Dodderi, Department of Audiology and Speech Language Pathology won Best Poster Presentation in Dysphagia at the International Dysphagia Conclave held at Goa from 8 to 11 March 2023.



85. Ms Nupura Prabhune, sixth semester BSc Biotechnology student of MSLS, MAHE Manipal, won the second prize in the Bio-Quiz competition, organized at NIMHANS, Bangalore, between 2 and 3 February 2023 as a part of the “Genomics India Conference 2023.



C. Awards and accolades



Grant: Prof Tathagata Ghosh



Best Paper Award: Tijo

86. Dr Deepa R, Assistant Professor, Department of Obstetrics and Gynaecology has received third prize in All India OBGYN FOGSI Usha Krishna National Quiz on 7 January 2023.

87. Dr Ajay Bhandarkar M, Associate Professor, Department of OTO Rhino Laryngology has

received first prize for the E-poster presentation in 74th Annual Conference of the Association of Otolaryngologist of India AOICON 2023 held from 2 to 5 February 2023.

88. Dr Raghavendra Rao, Professor and Head of Department of Dermatology has received “Bishnupriya Devi” award for Best original article published in IJDVL 2022, Dermacon International 2023 conference of IADVL held from 23 to 26 February 2023.

89. Dr Pallavi R Mane, Professor, Senior Member-IEEE, Department of Electronics and Communication Engineering, has received an outstanding “Woman Volunteer Award” (MSS-OWV) 2022 from IEEE Mangalore Sub-Section (MSS) on 15 January 2023.



90. Dr Manish Varun Yadav, Assistant Professor, Senior Scale, Department of Aeronautical and Automobile Engineering, Manipal Institute of Technology, MAHE, Manipal.

Ms Shivani Ranjan undergraduate student Department of Aeronautical and Automobile Engineering, Manipal Institute of Technology, has been awarded the “Outstanding Contribution Award” at the IEEE ICORT-2023 held from 23 to 25 February 2023, organized by ITR-DRDO, Chandipur, Odisha. The research paper has been submitted under the supervision of Dr Manish Varun Yadav. The award was announced by Director ITR-DRDO and General chair IEEE ICORT-2023 Sri H K Ratha Chandipur, Odisha.

91. Dr Sriram K V, Professor and Dr Asish Oommen Mathew, Associate Professor, Department of Humanities and Management, MIT, MAHE Manipal was honoured with “Outstanding Paper Award” Paper titled: “An empirical study of consumer satisfaction and Loyalty in B2C E-Commerce Among Indian Youths” at the 21st International Conference on e-Society, Portugal, Lisbon, organised by International Association for Development of Information Society (IADIS) between 11 and 13 March 2023.

92. Dr Gururaja K V, Faculty and Academic Dean, Law, Environment and Planning, Srishti Manipal Institute of Art, Design and Technology, MAHE, Manipal is honoured with “Achievers 2023” by leading Kannada Newspaper Prajavani on 24 February 2023. Award ceremony was held at the Auditorium of Karnataka State Government Employers Association, Bengaluru. The citation is in Kannada reads “ಐಜ್ಞಾನಿಗಳು ಜನಸಾಮಾನ್ಯರಿಂದ ದೂರವಿದ್ದು, ಅಧ್ಯಯನ, ಸಂಶೋಧನೆಗಳಲ್ಲಿ ತೊಡಲಿಕೊಳ್ಳುವುದೇ

ಹೆಚ್ಚು ಜನರ ಅದರಲ್ಲೂ ವಿಜ್ಞಾನದ ಆಸಕ್ತರ ಜತೆಗೆ ಇದ್ದು ಅಧ್ಯಯನಗಳಲ್ಲಿ ತೊಡಗಿಕೊಳ್ಳುವವರು ಮತ್ತು ಜನರನ್ನು ತೊಡಗಿಸಿಕೊಳ್ಳುವವರು ಅತಿ ವಿರಳ. ಡಾ.ಕೆ.ವಿ.ಗುರುರಾಜ ಅಂತಹ ಅಪರೂಪದ ವಿಜ್ಞಾನಿಗಳಲ್ಲಿ ಒಬ್ಬರು. ಇವರು ಉಭಯಚರ ಪಲಸರ ವಿಜ್ಞಾನ ಕ್ಷೇತ್ರದಲ್ಲಿ ತಮ್ಮನ್ನು ತೊಡಗಿಸಿಕೊಂಡಿದ್ದಾರೆ. ವಿಶೇಷವಾಗಿ ಕಷ್ಟಗಳ ಅಧ್ಯಯನದಲ್ಲಿ ವಿದ್ಯಾರ್ಥಿಗಳು ಮತ್ತು ವಿವಿಧ ಕ್ಷೇತ್ರಗಳಲ್ಲಿರುವ ಆಸಕ್ತರನ್ನು ತೊಡಗಿಸಿಕೊಳ್ಳುವುದು ವಿಶೇಷ. ಕಷ್ಟಗಳ ವರ್ತನೆ ಅವುಗಳು ವಾಸವಿರುವ ಪ್ರದೇಶದ ಪಲಸರ, ಅವುಗಳ ವೈವಿಧ್ಯತೆಯನ್ನು ಪತ್ತೆ ಹಚ್ಚುವ ಕಾರ್ಯದಲ್ಲಿ ಪ್ರತಿ ವರ್ಷವೂ ಪಶ್ಚಿಮ ಘಟ್ಟದ ಪ್ರದೇಶದಲ್ಲಿ 'ಫಾಗ್ ವಾಚ್' ಅಥವಾ ಕಷ್ಟಗಳ ವಿಶ್ಲೇಷಣೆ ಕಾರ್ಯಕ್ರಮ ಹಮ್ಮಿಕೊಳ್ಳುತ್ತಾರೆ. ಇದು ಕೇವಲ ವಿಶ್ಲೇಷಣೆಯ ಕಾರ್ಯಕ್ಕೆ ಸೀಮಿತವಲ್ಲ ಅತ್ಯಂತ ಪ್ರಾಚೀನ ಪ್ರಬೇಧಗಳನ್ನು ಗುರುತಿಸುವುದು, ಅದರ ಬಗ್ಗೆ ಜನರಲ್ಲಿ ಅಲವು ಮೂಡಿಸುವುದು ಮತ್ತು ಸಂರಕ್ಷಿಸುವುದಕ್ಕೆ ಒತ್ತು ನೀಡುವುದು ಇದರ ಮುಖ್ಯ ಉದ್ದೇಶ. ಕಷ್ಟಗಳಲ್ಲಿ ಮೂರು ಪ್ರಧಾನ ಸಂತಾನೋತ್ಪತ್ತಿ ವರ್ತನೆಗಳು, ಪಶ್ಚಿಮಘಟ್ಟಗಳಲ್ಲಿ 22 ಹೊಸ ಪ್ರಬೇಧದ ಕಷ್ಟಗಳು ಮತ್ತು 2 ಹೊಸ ಪ್ರಬೇಧದ ಮೀನುಗಳನ್ನು ಪತ್ತೆ ಮಾಡಿದ್ದಾರೆ. ಇದಕ್ಕೆ ಸಂಬಂಧಿಸಿದಂತೆ ರಾಷ್ಟ್ರೀಯ ಮತ್ತು ಅಂತರರಾಷ್ಟ್ರೀಯ ವಿಜ್ಞಾನ ಜರ್ನಲ್‌ಗಳಲ್ಲಿ ಸುಮಾರು 50 ಪ್ರಬಂಧಗಳು ಪ್ರಕಟವಾಗಿವೆ. 2014 ರಲ್ಲಿ ಕಷ್ಟಗಳನ್ನು ಗುರುತಿಸುವ 'ಫಾಗ್ ಫೈಂಡ್ ಆಂಡ್ರಾಯ್ಡ್ ಆಪ್' ಕೂಡ ಅಭಿವೃದ್ಧಿಪಡಿಸಿದ್ದು, ಇದಕ್ಕೆ ಜಿಯೋಸ್ಪಾಷಿಯಲ್ ಎಕ್ಸಲೆನ್ಸ್ ಪ್ರಶಸ್ತಿಯೂ ಲಭಿಸಿದೆ. ಇವರು ಸೃಷ್ಟಿ ಮಣಿಪಾಲ್ ಇನ್ಸ್‌ಟಿಟ್ಯೂಟ್ ಆಫ್ ಆರ್ಟ್, ಡಿಸೈನ್ ಅಂಡ್ ಟೆಕ್ನಾಲಜಿ ಸಂಸ್ಥೆಯಲ್ಲಿ ಡೀನ್ ಆಗಿ ಕಾರ್ಯನಿರ್ವಹಿಸುತ್ತಿದ್ದಾರೆ.”



93. Dr Ashok Shenoy, felicitated by the Indian Society for Clinical Research for having contributed significantly to the environment shaping initiatives of ISCR in India, and for having contributed to the Mission and Vision of ISCR by working through the different councils of ISCR, during the 16th Annual Conference of ISCR held at New Delhi, from 23 to 25 February 2023.



94. Dr Merwyn Fernandes, Associate Professor, Radiodiagnosis for passing the final clinical radiology exam held by the royal college of Radiologist in London, UK, for the award of Fellowship (FRCR) in February 2023.



95. Dr Griselda Philomena Noronha , Assistant Professor, Department of Radiodiagnosis and Imaging has successfully passed the EDiR examination conducted by EBR (European Board of Radiology) and Diplomate of ICRI (Indian College of Radiology and Imaging) on 5 March 2022.





PART 3:

A. MAHE Student's Research Forum (MAHE-SRF) – Activities for the period of January – March 2023

MAHE SRF 2023 Quarterly Report: January – March 2023

In January 2023, the dedicated team of MAHE SRF 2023 was established and began their operational activities. This marked an important milestone as the team took charge of their roles and responsibilities.

On February 8th, 2023, the governing council members for MAHE SRF 2023 were elected. The elected members are as follows:

President: Ms. C. A. Ashitha Sreelakshmi from MCHP, Manipal

Vice President: Ms. Akhila Jagadish from MCHP, Manipal & Ms. Harshalatha from MSAP, Manipal

General Secretary: Mr. N. Siva from MCON, Manipal & Ms. Pragathi from MCOPS, Manipal

Joint Secretary: Ms. Varsha Salian from MCODES, Mangalore, Ms. Akshatha P. Kamath from MCOPS, Manipal & Ms. Kavitha Karunakaran from MIV, Manipal

Web Co-ordinator: Dr. Wasiur Rahman Choudhury from KMC, Manipal & Mr. Ajinkya Nikam from MCOPS, Manipal

Financial Coordinator: Mr. Abhilash H. N. from MIT, Manipal & Mr. Tijo George from TAPMI, Manipal

Additionally, a diverse and dedicated group of individuals were appointed as Executive Committee Members to contribute to the SRF's initiatives and goals. Their names are as follows:

Mr. Vignesh Balaji E. from MCOPS, Manipal; Ms. Komal Jenifer Dsouza from DoC, Manipal; Ms. Silja P. S. from KMC, Manipal, Ms. Priyanka Bantwal from KMC, Manipal; Ms. Shwetha Prabhu from KMC, Mangalore; Ms. Sreejisha M. from KMC Mangalore; Ms. Hasna Fathima from KMC Mangalore; Ms. Parul Dasson Bajaj from MCODES, Mangalore; Ms. Rachel Sarah Vinodhini from MCODES, Mangalore; Mr. Venkidesh B.S. from MSLS, Manipal; Ms. Apoorva B.S. from MSLS, Manipal; Ms. Chandni Sachdeva from MSLS, Manipal; Ms. Soans Joyce Sangeetha from MCON, Manipal; Mr. Deepak K. V. from MIRM, Bengaluru; Ms. Anusha Hegde from PSPH, Manipal; Ms. Nikitha Sibil Rebello from PSPH, Manipal; Ms. Vaidehi B. R. from MIT, Manipal; Ms. Medini D. Hegde from MCES, Manipal; Mr. Sanoop Pavithran M. from DAMP, Manipal; Mr. B. Ananthamoothy from MCNS, Manipal; Ms. Trupti Satish Kadni from MIV, Manipal; Ms. Diksha D Shroff from DBMS, Manipal; and Ms. Seelia Peter from MCON, Manipal.

Furthermore, a brief event was held on February 22nd, 2023, at Sharada Hall, MCHP, MAHE, to felicitate the SRF Members and governing council members of MAHE SRF 2022. This gathering served as a platform to acknowledge their commendable contributions and accomplishments.

As the first quarter of 2023 concluded, the MAHE SRF 2023 team embarked on their journey with great

enthusiasm and dedication. The upcoming quarters promise to be filled with proactive initiatives and collaborative efforts to enhance the overall experience within the MAHE community.



MAHE SRF 2022 Members

Editorial Team

1. Dr Satish Rao B S, Director - Research, MAHE, Manipal.
2. Dr Bharti Chogtu Magazine, Deputy Director Research (Health Sciences), MAHE, Manipal.
3. Dr Santhosh K V, Deputy Director Research (Technical Sciences), MAHE, Manipal.
4. Jisha B Krishnan, Research Associate, Directorate of Research, MAHE, Manipal.

