



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

# ANNUAL REPORT 2020





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

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



## Kasturba Medical College, Manipal

Madhava Nagar, Manipal - 576 104

Phone Number: 0820-2922552/325/367

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

Dean: [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)
- MD (Paediatrics)
- MS (Orthopaedics)
- MS (Ophthalmology)
- MS (Oto-Rhino-Laryngology)
- MD (Anaesthesiology)
- MD (Dermatology, Venereology and Leprosy)
- MD (Radiotherapy)
- MD (Radio Diagnosis)
- MD (Psychiatry)
- MD (Hospital Administration)
- MD (Respiratory Medicine)
- MD (Immunohematology and Blood Transfusion)
- MD (Biochemistry)
- MD (Community Medicine)
- MD (Forensic Medicine)
- MD (Microbiology)
- MD (Anatomy)
- MD (Pathology)
- MD (Pharmacology)
- MD (Physiology)
- MD (Emergency 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)
- MSc (Anatomy)
- MSc (Physiology)
- MSc (Biochemistry)
- MSc (Microbiology)
- MSc (Pharmacology)
- MSc (Clinical Embryology)
- MPhil (Psychiatric Social Work)
- MSc Genetic Counselling
- MSc (Forensic Sciences)

#### Other Courses:

- PhD
- Fellowship in Onco-Surgery
- Fellowship in Reproductive Medicine
- Fellowship in Paediatric Orthopaedics
- Fellowship in Foetal 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:

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 UK, Ireland, USA, New Zealand, Kenya, The Netherlands and Malaysia opt for their elective postings at KMC, Manipal. Students from KMC, Manipal pursue electives in several top universities of USA, Europe and Australia. The National Institutional Ranking Framework (NIRF), Ministry of Human Resource Development, Govt of India has ranked KMC, Manipal as the 9th best medical college in India in the year 2020. 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 department for healthcare created in 2020 Dept of Reproductive Medicine and Surgery. 3 new program were greenlighted – DM (Medical oncology), DM (Infectious Diseases) and MCh (Plastic and Reconstructive Surgery). KMC, Manipal has made efforts in the direction of community health and individualized medicine by establishing 3 new centres in 2020. To further the cause of excellence in academics & research, KMC, Manipal has engaged in MoUs (53) with various international medical schools and universities with 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:****Department of Emergency Medicine**

Sl. No.	Activity	Particulars	Date(s)
1	Celebration of Trauma Day in the department	Awareness Program For Public Regarding Trauma was conducted on the same day.	17 Oct 2020

**Endocrinology**

Sl. No.	Activity	Particulars	Date(s)
1	Inauguration - Dual Energy X-ray absorptiometry DXA	"Dual Energy X-Ray Absorptiometry (DXA)" which gives an estimate of bone density and the risk of fracture is the gold standard test for diagnosing osteoporosis. DXA allows accurate diagnosis of osteoporosis, estimation of fracture risk and monitoring of patients undergoing treatment.	11 Mar 2020
2	Department observed World Diabetes Day	The dept organized a community outreach event where an emphasis was laid on Diabetes awareness by creating a sand sculpture which was displayed for the public and few interactive sessions were held, at Malpe beach in Udupi.	14 Nov 2020

**Gastroenterology**

Sl. No.	Activity	Particulars	Date(s)
1	Fatty Liver and Non-Alcoholic Fatty Liver Disease Clinic	With the incidence of diabetes and obesity increasing worldwide, there is a higher prevalence of fatty liver with almost one in 3-4 individuals having fatty liver. As the fatty liver progresses, there occurs inflammation in liver cells leading to steato hepatitis, and as a reactionary healing process may lead to fibrosis of the liver or cirrhosis. As per studies, it takes around 10 to 20 years for a person with steato hepatitis to develop cirrhosis, which is a serious condition that may progress to liver failure as well as liver cancer. Number of participants - 15	12 Feb 2020

**Immuno Haematology and Blood Transfusion**

Sl. No.	Activity	Particulars	Date(s)
1	Launch of Rare Blood Donor Registry	launched by Vice Chancellor of MAHE Lt. General Dr M D Venkatesh. Coordinator - Dr Shamee Shastry. Besides the common A B and Rh blood groups, There are more than 200 minor blood groups and more than 600 known antigens. Because blood groups are distributed differently in different ethnic groups, finding a blood	01 Oct 2020

Sl. No.	Activity	Particulars	Date(s)
		donor with the exact same blood type is a huge challenge. the dept of IHBT with the support of Kasturba Hospital came up with the idea of establishing a Rare blood donor registry. The Kasturba hospital website has details of the registry and the link to request for rare blood.	

### Ophthalmology

Sl. No.	Activity	Particulars	Date(s)
1	Postgraduate update program	Dr Muna Bhende, Adjunct Faculty Director, Shri Bhagawan Mahavir Vitreoretinal service, Sankara Netralaya, Chennai was the resource person. During the Post graduate update, there was post graduate Retina quiz (conducted by faculty members Dr Shailaja) and a guest lecture by Dr Muna Bhende.	11 Jan 2020
2	Express clinic inauguration	Guests - Dr Sharath Kumar Rao, Chief Guest, Dean, KMC Manipal, Dr Avinash Shetty, Medical Superintendent, KH, Manipal, Mr C G Muthana, Guest of Honour, Chief Operating Officer, KH, Manipal,	13 Nov 2020
3	Paediatric Ophthalmology speciality clinic inauguration	Guests - Dr Sharath Kumar Rao, Chief Guest, Dean, KMC Manipal, Dr Avinash Shetty, Medical Superintendent, KH, Manipal, Mr C G Muthana, Guest of Honour, Chief Operating Officer, KH, Manipal,	13 Nov 2020

### Paediatric Surgery

Sl. No.	Activity	Particulars	Date(s)
1	Performed Urodynamic Study	It is done in cases of suspect neurogenic bladder and other voiding and continence related problems to measure flow rates and pressure within the bladder and urethra.	15 Jan 2020

### Palliative Medicine and Supportive Care

Sl. No.	Activity	Particulars	Date(s)
1	Inauguration of the Division of Chronic and Interventional Pain	The Division of Chronic and Interventional Pain was inaugurated by Pro Vice Chancellor, Dr PLNG Rao at the Conference Hall of Shirdi Saibaba Cancer Hospital Centre. The Division is led by Dr Mayank Gupta, Associate Professor, and Interventional Pain Specialist. The Division focuses on the management of Cancer	15 Dec 2020

Sl. No.	Activity	Particulars	Date(s)
		and Non-Cancer Pain using multimodal pharmacological and interventional approaches. 50 participants	

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

#### Anaesthesiology

Sl. No.	Activity	Particulars	Date(s)
1	Guest lecture	Webinar: Mechanical Ventilation- Part 1. Virtual mode	31 May 2020
2	Guest lecture	Webinar: Mechanical Ventilation- Part 2, Virtual mode	06 Jun 2020
3	Online Indian Academy of Paediatric Anaesthesia mid-year CME 2020	Resource persons from different countries, 800 attendees	05 Sep 2020
4	Guest lectures	Through Zoom	05 Oct 2020

#### Anatomy

Sl. No.	Activity	Particulars	Date(s)
1	Guest lecture	Topic - Mode of teaching and evaluation of anatomy in an integrated curriculum. Participants 15	10 Jan 2020
2	Workshop -3 D Printing in Anatomy Education and its possible application	Conducted online. One resource person from Singapore, 95 attendees.	23 Nov 2020

#### Biochemistry

Sl. No.	Activity	Particulars	Date(s)
1	Guest lecture	Topic - Alpha Crystallin Functional Elements – Versatile Sequences with Therapeutic Potential. Invitee was from USA. Participants 25	11 Feb 2020
2	Guest lecture	Topic - Experiences and opportunities in the healthcare industry (online), 66 participants	10 Jul 2020
3	Guest lecture	Organized by Biochemistry Department, KMC Manipal and Department of Conservative Dentistry & Endodontics, MCOODS Manipal. MS Teams. 21 attendees	03 Sep 2020
4	E-Conference on Biomarkers in Clinical Practice- Expanding the possibilities	Conducted online. Attended by 250 attendees	17 Dec 2020 to 18 Dec 2020

### Cardiology

Sl. No.	Activity	Particulars	Date(s)
1	11th Manipal Cardiology Update 2020	Organized by Cardiology, KMC and CVT MCHP Manipal through the webinar. 400 participants	01 Nov 2020

### Community Medicine

Sl. No.	Activity	Particulars	Date(s)
1	Guest lecture	Topic - Zinc Signalling in Health & Disease. Invitee was from London. Participants 26	12 Feb 2020
2	Health Awareness Talk of stroke and COVID-19 on the occasion of World Stroke day 2020	Organized by Community Medicine in association with Dept of Neurology, online zoom meeting. 37 participants	02 Nov 2020
3	A workshop for PHC Medical Officers and staff nurses of Udupi District (Integrating Palliative Care in Primary Care Settings)	Department of Community Medicine & Palliative Medicine and Supportive Care, KMC, MAHE, Manipal in Association with District Health and Family Welfare, Udupi District. Total of 65 attendees	21 Dec 2020 to 23 Dec 2020

### Department of Emergency Medicine

Sl. No.	Activity	Particulars	Date(s)
1	Wilderness Medicine Workshop for B Sc. Emergency Medical Technology (EMT) Students from MCHP	15 Participants participated. The event was conducted at Agumbe	08 Feb 2020
2	Webinar on awareness program regarding Advanced Trauma Life Support (ATLS) & Trauma for community doctors	75 attendees (online)	17 Oct 2020

### Dermatology

Sl. No.	Activity	Particulars	Date(s)
1	Guest lecture	Topic- Diagnosis and management of HIV infection. Participants 18	21 Jan 2020
2	DERMA ADVANCE 2020	Organized by Dept of Dermatology in association with Indian Association of Dermatologists, Venereologists and Leprologists (IADVL) Karnataka. Resource persons delivered guest lectures are Dr Chidambara Murthy, Dr Jayadev Betkerur, Dr Gatha Upadhya, Dr Manjunath Shenoy, etc. About 125 Participants participated.	25 Jan 2020 to 26 Jan 2020
3	Guest lecture	Topic - Alumni connect program - Chemical peels what, when and where (online), 25 participants	17 Jul 2020
4	Guest lecture	Topic- Power at the point of care (online), 20 attendees	25 Sep 2020



### Endocrinology

Sl. No.	Activity	Particulars	Date(s)
1	Facebook Live - Know your Hormones Public awareness initiative for hormonal disorders (online)	Facebook live Topic- Polycystic ovarian syndrome, by USV Pharmaceuticals	28 Jul 2020

### Forensic Medicine

Sl. No.	Activity	Particulars	Date(s)
1	"High intensity Drug Trafficking Area Investigation"- A CISF jointly organized with Department of Forensic Medicine and Toxicology	The event was conducted at the Mangalore International Airport with 125 attendees	26 Feb 2020

### Gastroenterology

Sl. No.	Activity	Particulars	Date(s)
1	Webinar on World Hepatitis Day	Organized by Department of Medical Gastroenterology & Manipal Institute of Virology. Hosted on Microsoft Team Platform, an international webinar, with 50 attendees	28 Jul 2020

### Hospital Administration

Sl. No.	Activity	Particulars	Date(s)
1	Guest lecture	Topic - Hospital Administration during a pandemic	11 Jun 2020
2	Guest lecture - Air Ambulance and Hospital Helipads: Design and Operational Requirement.	(Online) Organized by Dept of Hospital Administration, KMC & Alumni Relations Cell, KMC, 100 attendees	12 Sep 2020
3	Guest lecture - Academia-Industry Alumni Interaction on New Hospital Planning - Financial Planning for a New Hospital Project	(Online) Organized by Dept of Hospital Administration, KMC & Alumni Relations Cell, KMC, 100 attendees	10 Oct 2020
4	Seminar - Soft Skill Development Programme	Conducted through MS team. 4 resource persons along with 70 attendees.	28 Nov 2020
5	Soft Skill Development Programme	Dept of Hospital Administration, KMC Manipal has organized soft skills development programme for Hospital Administration students through Centre for Consultancy, Training & Corporate Interface (CCTCI), Dept of Commerce, MAHE, Manipal, on MS team platform. 75 attendees	05 Dec 2020

### Immuno Haematology and Blood Transfusion

Sl. No.	Activity	Particulars	Date(s)
1	Advanced Immunohematology Symposium	Participants were 22. Sponsored by Bio rad Laboratories. Resource persons - Dr Paul Alets, Switzerland, Dr Anand Deshpande, Mumbai, Dr Deepti Sachan, Chennai,	13 Feb 2020 to 14 Feb 2020
2	Guest lecture	Topic - Patient Blood Management (online)	01 Oct 2020
3	Faculty development programme	International Council for Harmonization Good Clinical Practice (ICH-GCP) Workshop ICH-GCP at Centre for Bioethics, MAHE (online )	10 Oct 2020
4	Guest lecture	Topic - Digital droplet PCR	25 Nov 2020

### Infectious Diseases

Sl. No.	Activity	Particulars	Date(s)
1	Symposium on Infectious Disease Outbreaks	Organized by the Department of Infectious Disease in Association with Manipal Centre for Infectious Disease, PSPH, MAHE, Manipal was attended by 103 attendees.	25 Jan 2020
2	Webinar on COVID-19	Attendees - 235	17 Jul 2020
3	Webinar on COVID-19	Attendees - 160	25 Jul 2020
4	Virtual World Aids Day Symposium	It was an international conference with 79 attendees	01 Dec 2020

### KMC Office

Sl. No.	Activity	Particulars	Date(s)
1	Management Review meeting & IQAC meeting (Internal Quality Assurance Cell (IQAC))	Presentation constituted the college data pertaining to 5 loE pillars along with other agenda points such findings of the internal audit, compliance to legal and environmental parameters and feedback from Top Management at MAHE for the continual improvement of the institute.	07 Feb 2020
2	Management Review meeting & IQAC meeting (Internal Quality Assurance Cell (IQAC))	Presentation constituted the college data pertaining to 5 loE pillars along with other agenda points such findings of the internal audit, compliance to legal and environmental parameters and feedback from Top Management at MAHE for the continual improvement of the institute.	11 Aug 2020

### Medical Education

Sl. No.	Activity	Particulars	Date(s)
1	Shared Decision Making	Participants were 22. Resource persons - Dr Satendra Singh, Dr Pragna Rao, Dr Uma Kulkarni, Dr Naveen Salins.	13 Jan 2020
2	Disability-inclusive Compassionate Care	"Organized by Department of Medical Education and Physical Medicine & Rehabilitation with Centre for Comprehensive Rehabilitation. Participants were 28	14 Jan 2020
3	Clinical Skills	Participants were 22. Resource persons - Dr Pragna Rao, Dr Leslie Edward Lewis, Dr Samir Kumar Praharaj, Dr Ajay Bhandarkar	14 Jan 2020
4	Curriculum Implementation Support Programme (CISP)	29 participants along with Medical Education Faculty members	28 Jul 2020 to 29 Jul 2020

### Medical Genetics

Sl. No.	Activity	Particulars	Date(s)
1	CME on Marfan syndrome and other aortopathies	An international CME with 90 participants, sponsored partly by ICMR, SERB, MCI, DBT, and Medgenome	14 Feb 2020 to 15 Feb 2020

### Medicine

Sl. No.	Activity	Particulars	Date(s)
1	Guest lecture	Topic - "Individual care of HIV Patients". Invitee was from USA. Participants 75	01 Jan 2020
2	Training Workshop for Young Diabetes	Organized by Medicine-Paediatrics & ICMR Participants were 28	11 Jan 2020
3	Guest lecture	Topic - "Myocardial viability Tissue characterization in cardiomyopathy CMR in tetralogy of fallot & Future directions. Invitee was from Sydney. Participants 75	02 Feb 2020

### Microbiology

Sl. No.	Activity	Particulars	Date(s)
1	Guest lecture	Topic - Art and Science of Review Writing (MS teams), 95 attendees	15 Jul 2020
2	Guest lecture	Topic - Best Practices for publishing Research work in a Journal of Repute (online), 108 attendees	22 Jul 2020

### Neuro Surgery

Sl. No.	Activity	Particulars	Date(s)
1	NSI Educational course	25 resource persons with 135 attendees	15 Feb 2020 to 16 Feb 2020



## Neurology

Sl. No.	Activity	Particulars	Date(s)
1	Health Awareness Talk of stroke and COVID-19 on the occasion of World Stroke day 2020	Organized by Community Medicine in association with Dept of Neurology, online zoom meeting. 37 participants	02 Nov 2020

## Obstetrics and Gynaecology

Sl. No.	Activity	Particulars	Date(s)
1	CME on "Aneuploidy screening"	Organized by Division of Fetal Medicine. This was a highly interactive CME wherein many practitioners in and around Udupi attended and updated their knowledge on the practice of aneuploidy screening.	04 Jan 2020
2	Manipal update on Lap hysterectomy	Dr Suku Mathew George from UK was the resource person with a total of 80 participants and was partially sponsored by Johnson Inc.	23 Mar 2020
3	Webinar -- COVID-19	Organized by Dept of infectious disease, Manipal, District health and family welfare, Udupi	17 Jul 2020
4	9th Dr A Padma Rao memorial PG update and oration; organized by dept of OBG and Manipal OBG society	Oration and lecture (international)	18 Jul 2020
5	Webinar - Training on ICU and ventilatory management	Organized by Dept of health and family welfare, critical care medicine, respiratory therapy, MAHE	20 Jul 2020
6	Webinar -- COVID-19	Organized by Dept of infectious disease, Manipal, District health and family welfare, Udupi	25 Jul 2020
7	Facilitator at awareness campaign on menstrual hygiene	Programme conducted by Dr Shyamala G for the school children at Saralebettu School	02 Oct 2020
8	Webinar	Laparoscopic surgery for malignancies (chaired the session), IAGE	10 Oct 2020
9	Webinar	Teamwork in Emergencies in obstetrics, Indore Society	18 Oct 2020
10	Webinar	Topic -Management for Hyperglycaemia in pregnancy	20 Oct 2020
11	Webinar	Moderated Panel discussion on Management of Endometriosis, Trivandrum OBG Club	23 Oct 2020
12	Kannur OBG Society webinar	Topic - Management of pain	24 Oct 2020
13	Webinar	"Newer contraceptives" Annual Conference of Calicut OBG Society	25 Oct 2020
14	Guest lecture	Topic - Framing research questions and objectives, Protocol writing workshop,	28 Oct 2020

## Ophthalmology

Sl. No.	Activity	Particulars	Date(s)
1	Postgraduate update program in Retina	The event was an Interinstitutional type with participation from Prasad Netralaya Udupi, Sankara Netralaya Chennai, A V Baliga Hospital Udupi, Travancore Medical College, Thattamala. 1. Dr Muna Bhende, Senior Consultant & Deputy Director, Shri Bhagawan Mahavir vitro retinal service, Sankara Netralaya, Chennai. 2. Suneeta Jagtap, Professor Dept of Ophthalmology, Travancore medical college, Thattamala. 3. Dr Jacob Chacko, Retina Consultant, Prasad Netralaya Udupi, 4. Dr Lavanya Rao Consultant ophthalmologist, A V Baliga Memoria hospital, Udupi were the resource persons	11 Jan 2020
2	Glaucoma under Pressure! A CME on Surgical management in Glaucoma with Live Surgery – MIGS (KDB)	The event was co-sponsored by medical companies such as M/s Bio Medix Devices Pvt Ltd, HIS Eyeness Company & G Surgiwear Limited and was attended by 124 delegates	02 Feb 2020
3	MIGS workshop	Sponsored by New World Medicals, Ivantis and 20 attendees	03 Feb 2020 to 05 Feb 2020
4	Guest lecture	Glaucoma screening innovations MS Team	07 Oct 2020
5	Promotion of Eye Donation & Organ Donation	Webinar conducted by Dr Neetha KIR, Assistant Professor, at Rotary Club Manipal (online)	27 Oct 2020

## Orthopaedics

Sl. No.	Activity	Particulars	Date(s)
1	CM2E	This CME was jointly conducted by the Departments of Orthopaedics, KMC Manipal & Mangalore and was attended by 50 attendees	18 Jan 2020
2	3rd Annual Indo-US Hand International Surgery Conference	Dr Revankar Sachin, Dr Rizzo Marco, Dr Pilonia Khushboo, Dr Grewal Ruby, Dr Krishna Sathya Vamsi, Dr Gupta Shailesh, Dr Thomas Binu, Dr Abhijit Wahegaokar, Dr Warriar Sudhir were the resource persons. The Conference had 100 participants	28 Feb 2020 to 29 Feb 2020
3	Guest lecture	Topic - Hip Arthroscopy	25 Oct 2020
4	Half-day workshop on "Ethics and Communication"	Conducted on MS team	25 Nov 2020

### OTO Rhino Laryngology

Sl. No.	Activity	Particulars	Date(s)
1	Guest lecture	Topic - 1)Modified sandwich tympanoplasty 2)Management of auricular seroma. Participants 26	10 Jan 2020
2	Guest lecture	Topic - Highlight of the books 1. Syndromes and eponymous signs in ENT & 2. Emergencies in ENT – Management pearls. Participants 26	10 Jan 2020
3	Guest lecture	Topic - Tympanoplasty. Participants 26	12 Jan 2020
4	Guest lecture	Topic - Allergic Rhinitis and Ethmoidal polyposis. Participants 26	19 Jan 2020
5	Guest lecture	Topic - Neonatal stridor (MS team), resource person from US. 57 attendees	16 Sep 2020

### Paediatrics

Sl. No.	Activity	Particulars	Date(s)
1	CME in Paediatric ENT	This CME was jointly conducted by the Department of Otorhinolaryngology and the Department of Paediatrics and was attended by 100 delegates	11 Mar 2020
2	IAP workshop, National Education Program on Nutrition in a children	Organized by IAP Udupi on virtual mode	06 Nov 2020 to 07 Nov 2020

### Palliative Medicine and Supportive Care

Sl. No.	Activity	Particulars	Date(s)
1	Conducted guest lecture	Organized by IACA. On virtual mode of 10 attendees. Topic - Pain assessment	04 Dec 2020
2	Conducted guest lecture	Organized by PALL. On virtual mode of 25 attendees. Topic - Renal Supportive Care	09 Dec 2020
3	Conducted guest lecture	Organized by IACA. On virtual mode of 10 attendees. Topic - Spirituality and existential issues	22 Dec 2020
4	Conducted guest lecture	Organized by IACA. On virtual mode of 10 attendees. Topic - NDPS Act	29 Dec 2020

### Pathology

Sl. No.	Activity	Particulars	Date(s)
1	Guest lecture	Topic - Recent development in bladder tumours on Microsoft teams	24 Oct 2020
2	Guest lecture	Slide seminar Head and neck cases conducted on MS team. 35 participants	07 Nov 2020



### Pharmacology

Sl. No.	Activity	Particulars	Date(s)
1	Guest lecture	Topic - An Introduction to Pharmacokinetics. This was conducted on Microsoft teams. 15 attendees	26 Jun 2020
2	Guest lecture	Topic - "Evidence-based medicine on-call service: A call for Pharmacology professionals". Online MS teams	10 Jul 2020
3	Workshop on "Preclinical toxicity studies"	Conducted on MS team. One resource person from Bihar and 25 participants	19 Nov 2020

### Psychiatry

Sl. No.	Activity	Particulars	Date(s)
1	CME - Online National Psychiatry Update 2020	On virtual mode. Resource persons from departments of Medicine, Psychiatry and Endocrinology and 202 attendees	21 Nov 2020 to 22 Nov 2020

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

#### Guest Lectures:

### Anatomy

Sl. No.	Visitor	Name of the Organization	Purpose of Visit	Date of Visit
1	Dr Surinder Singh	JSS University, Mysore, INDIA	Visited dept of Anatomy	21 Sep 2020

### Biochemistry

Sl. No.	Visitor	Name of the Organization	Purpose of Visit	Date of Visit
1	Dr Shilpy Sharma	"UGC-Assistant Professor, Department of Biotechnology Savitribai Phule Pune University, Ganeshkhind, Pune – 411007 Maharashtra, India"	Guest talk	04 Feb 2020 to 05 Feb 2020
2	Dr Krishna Sharma	"Director of Research for the Department of Ophthalmology, School of medicine, University of Missouri-Columbia, USA."	Guest talk	11 Feb 2020

### Department of Emergency Medicine

Sl. No.	Visitor	Name of the Organization	Purpose of Visit	Date of Visit
1	Dr Joonas Kiili	Faculty of Medicine and Health Technology University of Tampere, Finland	Observership, Dept of Emergency Medicine	27 Feb 2020 to 28 Feb 2020
2	Dr Essi Lavone	Faculty of Medicine and Health Technology University of Tampere, Finland	Observership, Dept of Emergency Medicine	27 Feb 2020 to 28 Feb 2020

### Dermatology

Sl. No.	Visitor	Name of the Organization	Purpose of Visit	Date of Visit
1	Dr Deepika Neupane	MCOMS, Nepal, Kathmandu University	Observership, Dept of Dermatology, Venereology and Leprosy	16 Jan 2020 to 14 Feb 2020

### Forensic Medicine

Sl. No.	Visitor	Name of the Organization	Purpose of Visit	Date of Visit
1	Dr J J Magdum	Homeopathic Medical College, Jaysingpur	Museum visit	20 Feb 2020

### Hospital Administration

Sl. No.	Visitor	Name of the Organization	Purpose of Visit	Date of Visit
1	Dr (Col) M Dayananda	JSS Medical College, Mysore	External examiner	11 Jun 2020
2	Dr Kiran Hegde	SDM Medical College, Dharwad	External examiner	11 Jun 2020

### Immuno Haematology and Blood Transfusion

Sl. No.	Visitor	Name of the Organization	Purpose of Visit	Date of Visit
1	Dr Paul Alets	Scientific Affairs Manager, Immunoematology Division(IHD), Diamed GmBH, Cressier, Switzerland	Guest faculty for Advanced Immunoematology Symposium	13 Feb 2020 to 14 Feb 2020
2	Dr Anand Deshpande	Consultant Transfusion Medicine & Haematology, Hinduja Hospital, Mumbai	Guest faculty for Advanced Immunoematology Symposium	13 Feb 2020 to 14 Feb 2020
3	Dr Deepti Sachan	Consultant Transfusion Medicine Dr Rela Institute and Medical Centre, Chennai	Guest faculty for Advanced Immunoematology Symposium	13 Feb 2020 to 14 Feb 2020

### Infectious Diseases

Sl. No.	Visitor	Name of the Organization	Purpose of Visit	Date of Visit
1	Dr Vidhya Sabapathy	University of South Florida	Observership, Dept of Infectious Diseases	10 Feb 2020 to 21 Feb 2020

### Medical Genetics

Sl. No.	Visitor	Name of the Organization	Purpose of Visit	Date of Visit
1	Dr Amita Moirangthem	Department of Medical Genetics Sanjay Gandhi	MSc External examiner	15 Jan 2020 to 19 Jan 2020

Sl. No.	Visitor	Name of the Organization	Purpose of Visit	Date of Visit
		Postgraduate Institute of Medical Sciences Lucknow		
2	William Newman	Prof of Translational Genomic Medicine, Division of Evolution & Genomic Sciences, School of Biological Sciences, University of Manchester	To attend the conference Manipal Genetics Update VI – Marfan syndrome and other aortopathies	14 Feb 2020 to 15 Feb 2020
3	Sheela Nampoothiri	Department of Paediatric Genetics, Amrita Institute of Medical Sciences & Research Centre, Cochin, India	To attend the conference Manipal Genetics Update VI – Marfan syndrome and other aortopathies	14 Feb 2020 to 15 Feb 2020
4	Maja Hempel	Institute of Human Genetics, University Medical Centre Hamburg-Eppendorf, Hamburg, Germany	To attend the conference Manipal Genetics Update VI – Marfan syndrome and other aortopathies	14 Feb 2020 to 15 Feb 2020
5	Lut Van Laer	Centre for Medical Genetics, University of Antwerp/Antwerp University Hospital, Antwerp, Belgium	To attend the conference Manipal Genetics Update VI – Marfan syndrome and other aortopathies	14 Feb 2020 to 15 Feb 2020
6	Pauline Schneeberger	Institute of Human Genetics, University Medical Centre Hamburg-Eppendorf, Hamburg, Germany	To attend the conference Manipal Genetics Update VI – Marfan syndrome and other aortopathies	14 Feb 2020 to 15 Feb 2020
7	Dr Shubha R Phadke	Professor and Head, Department of Medical Genetics, Sanjay Gandhi Post Graduate Institute, Lucknow, India	Guest lecture	14 Feb 2020 to 15 Feb 2020
8	Dr Ashwin Dalal	Head, Diagnostics Division, Centre for DNA Fingerprinting and Diagnostics 4-1-714, Tuljaguda Complex, Mozamzahi Road, Nampally, Hyderabad, Andhra Pradesh 500001 INDIA.	Guest lecture	14 Feb 2020 to 15 Feb 2020
9	Dr Urja Asher	Genetic Counsellor	Guest lecture	14 Feb 2020 to 15 Feb 2020
10	Yskert von Kodolitsch	Department of General and Interventional	To attend the conference Manipal Genetics Update VI	14 Feb 2020 to 15 Feb 2020



Sl. No.	Visitor	Name of the Organization	Purpose of Visit	Date of Visit
		Cardiology, University Heart Centre Hamburg, Hamburg, Germany	– Marfan syndrome and other aortopathies	
11	Thomas Mir	Department of Paediatric Cardiology, University Heart Centre Hamburg, Hamburg, Germany	To attend the conference Manipal Genetics Update VI – Marfan syndrome and other aortopathies	14 Feb 2020 to 15 Feb 2020
12	Aline Verstraeten	Centre of Medical Genetics, Faculty of Medicine and Health Sciences, University of Antwerp and Antwerp University Hospital, Antwerp, Belgium	To attend the conference Manipal Genetics Update VI – Marfan syndrome and other aortopathies	14 Feb 2020 to 15 Feb 2020
13	Kerstin Kutsche	Institute of Human Genetics, University Medical Centre Hamburg-Eppendorf, Hamburg, Germany	To attend the conference Manipal Genetics Update VI – Marfan syndrome and other aortopathies	14 Feb 2020 to 15 Feb 2020
14	Valerie Cormier-Daire	Université Paris Descartes, Sorbonne Paris Cité, Paris, France; UMR-1163 Institut Imagine, Hôpital Necker-Enfants Malades, AP-HP, Paris, France; Service de Génétique Médicale, Hôpital Necker-Enfants Malades, AP-HP, Paris, France	To attend the conference Manipal Genetics Update VI – Marfan syndrome and other aortopathies	14 Feb 2020 to 15 Feb 2020
15	Bart Loeys	Cardiogenetics, Centre for Medical Genetics, University of Antwerp/Antwerp University Hospital, Belgium	To attend the conference Manipal Genetics Update VI – Marfan syndrome and other aortopathies	14 Feb 2020 to 15 Feb 2020
16	Madhuri Hegde	VP & CSO, PerkinElmer Global Genomic Laboratories, Adjunct Professor of Human Genetics, Emory University School of Medicine, Adjunct Professor of Applied Biology, Georgia Institute of Technology, PerkinElmer, 940 Winter	To attend the conference Manipal Genetics Update VI – Marfan syndrome and other aortopathies	14 Feb 2020 to 15 Feb 2020

Sl. No.	Visitor	Name of the Organization	Purpose of Visit	Date of Visit
		Street, Waltham, MA 02450, USA		
17	Kirun Gopal	Clinical Associate Professor, Centre for Aortic Diseases and Marfan Syndrome, Amrita Hospitals, Kochi, India	To attend the conference Manipal Genetics Update VI – Marfan syndrome and other aortopathies	14 Feb 2020 to 15 Feb 2020

### Neuro Surgery

Sl. No.	Visitor	Name of the Organization	Purpose of Visit	Date of Visit
1	Dr Arjun Shetty	Professor & HOD Neurosurgery, KMC, Mangalore	Guest lecture	15 Feb 2020 to 16 Feb 2020
2	Dr Jaspreet Singh Dil	Neurosurgeon, Adarsh Hospital, Udupi	Guest lecture	15 Feb 2020 to 16 Feb 2020
3	Prof K Ganesh	SRMC, Chennai	NSI Educational course	15 Feb 2020 to 16 Feb 2020
4	Prof Muralidhar Pai	KMC, Mangalore	NSI Educational course	15 Feb 2020 to 16 Feb 2020
5	Dr Manmohan Singh	AIIMS, New Delhi	NSI Educational course	15 Feb 2020 to 16 Feb 2020
6	Prof Rajshekhar V	CMC, Vellore	NSI Educational course	15 Feb 2020 to 16 Feb 2020
7	Prof Sanjay Behari	SGPGI, Lucknow	NSI Educational course	15 Feb 2020 to 16 Feb 2020
8	Prof Paritosh Pandey	Manipal Hospital, Bangalore	NSI Educational course	15 Feb 2020 to 16 Feb 2020
9	Prof Ponraj S	Goa Medical College, Goa	NSI Educational course	15 Feb 2020 to 16 Feb 2020
10	Prof Bhaskar Rao	AIIMS, Jodhpur	NSI Educational course	15 Feb 2020 to 16 Feb 2020
11	Dr V V Radhakrishnan	Trivandrum	NSI Educational course	15 Feb 2020 to 16 Feb 2020
12	Prof Anil P	Medical Collee, Trivandrum	NSI Educational course	15 Feb 2020 to 16 Feb 2020

Sl. No.	Visitor	Name of the Organization	Purpose of Visit	Date of Visit
13	Prof Mathew Abraham	SCTIMST, Trivandrum	NSI Educational course	15 Feb 2020 to 16 Feb 2020
14	Prof Balakrishnan K	MCH, Kottayam	NSI Educational course	15 Feb 2020 to 16 Feb 2020
15	Prof Vikas V	NIMHANS, Bangalore	NSI Educational course	15 Feb 2020 to 16 Feb 2020
16	Prof Siddarth Ghosh	Apollo Hospital, Chennai	NSI Educational course	15 Feb 2020 to 16 Feb 2020
17	Prof Ravi Mohan Rao	Apollo Hospitals, Bangalore.	NSI Educational course	15 Feb 2020 to 16 Feb 2020
18	Prof Gopalakrishnan M S	JIPMER, Pondicherry	NSI Educational course	15 Feb 2020 to 16 Feb 2020
19	Prof Arjun Shetty	KMC, Mangalore	NSI Educational course	15 Feb 2020 to 16 Feb 2020
20	Prof Manas Panigrahi	KIMS Hospital, Hyderabad	NSI Educational course	15 Feb 2020 to 16 Feb 2020
21	Prof Suresh Nair	AIIMS, Bhopal	NSI Educational course	15 Feb 2020 to 16 Feb 2020
22	Prof Lokendra Singh	CIMS, Nagpur	NSI Educational course	15 Feb 2020 to 16 Feb 2020
23	Prof Sundar V	Centre for advanced Brain and Spine Surg, Govt. Multi Super Speciality Hospital, Chennai	NSI Educational course	15 Feb 2020 to 16 Feb 2020
24	Prof Ramesh V G	Chettinad Hospital & Research Institute, Chennai	NSI Educational course	15 Feb 2020 to 16 Feb 2020
25	Prof A Raja	Adarsha Hospital, Udupi.	NSI Educational course	15 Feb 2020 to 16 Feb 2020
26	Dr Jaspreet Singh Dil	Adarsha Hospital, Udupi.	NSI Educational course	15 Feb 2020 to 16 Feb 2020
27	Dr Ananth Babu	QLD, Australia	NSI Educational course	15 Feb 2020 to 16 Feb 2020



### Obstetrics and Gynaecology

Sl. No.	Visitor	Name of the Organization	Purpose of Visit	Date of Visit
1	Dr Gowrishankar Paramasivam	Imperial College, London	Visited the Department of OBG (Adjunct faculty in DFM) and Division of Fetal Medicine. He carried out the induction training of Fetal Medicine Fellows. He also delivered a lecture on "Aneuploidy screening – concepts to clarity" in the CME organised by DFM. He also met Dr Chiranjoy Mukhopadhyay, regarding the proposal on joint fellowship program on Fetal Medicine.	04 Jan 2020

### Ophthalmology

Sl. No.	Visitor	Name of the Organization	Purpose of Visit	Date of Visit
1	Dr Muna Bhende	Senior consultant & deputy director, Shri Bhagawan Mahavir Vitro retinal service Sankara Netralaya, Chennai-600006	Guest Lecture	11 Jan 2020 to 12 Jan 2020
2	Dr Vikram Jain	Director and Head of Glaucoma Services, Prasad Netralaya, Mangalore.	Glaucoma under Pressure! A CME on Surgical management in Glaucoma with Live Surgery – MIGS (KDB)	02 Feb 2020
3	Dr Manjula Vani	Consultant Ophthalmologist, Glaucoma services, Bhaktivedanta Hospital and Research Institute, Mumbai.	Glaucoma under Pressure! A CME on Surgical management in Glaucoma with Live Surgery – MIGS (KDB)	02 Feb 2020
4	Dr Surabhi	Sankara Eye Hospital	Glaucoma under Pressure! A CME on Surgical management in Glaucoma with Live Surgery – MIGS (KDB)	02 Feb 2020
5	Dr Lavanya G Rao	Dr A V Baliga Hospital, Doddannagudde, Udupi	Glaucoma under Pressure! A CME on Surgical management in Glaucoma with Live Surgery – MIGS (KDB)	02 Feb 2020
6	Dr Chinnappa	Prasad Netralaya, Udupi	Glaucoma under Pressure! A CME on Surgical management in Glaucoma with Live Surgery – MIGS (KDB)	02 Feb 2020
7	Dr Aziza Yasmeen	Consultant Glaucoma Surgeon, Postgraduate Institute of Ophthalmology, Domalguda, Hyderabad.	Observership, Dept of Ophthalmology	02 Feb 2020

Sl. No.	Visitor	Name of the Organization	Purpose of Visit	Date of Visit
8	Dr Jella Angela An	Director of Glaucoma Services, Mason Eye Institute, University of Missouri School of Medicine, Columbia, MO, USA, Harry S. Truman Veterans Hospital, Columbia, MO	CME Guest Speaker & Adjunct Faculty. KMC, Manipal	02 Feb 2020 to 05 Feb 2020
9	Dr Gowri Murthy	" Head of Glaucoma Services, Prabha Eye Clinic and Research, (Cataract and Glaucoma Services), Centre, Bengaluru."	CME Guest Speaker & Adjunct Faculty. KMC, Manipal	02 Feb 2020 to 05 Feb 2020
10	Dr Shibi Dev	Head of Glaucoma Services, Nethradhama Superspeciality Eye, Bengaluru	CME Guest Speaker	02 Feb 2020
11	Dr Uma Kulkarni	Professor in Ophthalmology and part-time faculty at the Centre for Ethics, Yenepoya deemed to be university, Mangalore.	CME Guest Speaker	03 Feb 2020 to 04 Feb 2020
12	Dr Vikram Jain	Director and Head of Glaucoma Services, Prasad Netralaya, Mangalore.	CME Guest Speaker	04 Feb 2020
13	Dr Manjula Vani	Consultant Ophthalmologist, Glaucoma services, Bhaktivedanta Hospital and Research Institute, Mumbai.	CME Guest Speaker	05 Feb 2020

#### Orthopaedics

Sl. No.	Visitor	Name of the Organization	Purpose of Visit	Date of Visit
1	Dr Sunil Kumar	Jayanagar Orthopaedic Centre, Bengaluru	Observership, Dept of Orthopaedics	02 Jan 2020 to 15 Feb 2020
2	Dr Samrat Taori	Narmada Ratan Taori Hospital, Maharashtra	Observership, Dept of Orthopaedics	27 Feb 2020 to 19 Mar 2020
3	Dr Grewal Ruby	Canada, St. Joseph's Healthcare, London.	3rd Annual Indo-US Hand Surgery Conference	28 Feb 2020 to 29 Feb 2020
4	Dr Krishna Sathya Vamsi	SV Clinic - Bangalore	3rd Annual Indo-US Hand Surgery Conference	28 Feb 2020 to 29 Feb 2020
5	Dr Gupta Shailesh	Gupta Hand And Surgery Centre, Indore	3rd Annual Indo-US Hand Surgery Conference	28 Feb 2020 to 29 Feb 2020

Sl. No.	Visitor	Name of the Organization	Purpose of Visit	Date of Visit
6	Dr Revankar Sachin	Orthopaedics & Trauma Centre, Hubli	3rd Annual Indo-US Hand Surgery Conference	28 Feb 2020 to 29 Feb 2020
7	Dr Rizzo Marco	Mayo Clinic, Rochester	3rd Annual Indo-US Hand Surgery Conference	28 Feb 2020 to 29 Feb 2020
8	Thomas Binu	Multi Speciality Hospital in India	3rd Annual Indo-US Hand Surgery Conference	28 Feb 2020 to 29 Feb 2020
9	Dr Warriar Sudhir	Consultant Orthopaedic and Hand Surgeon, Hinduja Hospital	3rd Annual Indo-US Hand Surgery Conference	28 Feb 2020 to 29 Feb 2020
10	Dr Piliaia Khushboo	DR S N Medical College and Hospital, Jodhpur	3rd Annual Indo-US Hand Surgery Conference	28 Feb 2020 to 29 Feb 2020
11	Dr Abhijit Wahegaokar	Hand Surgery Clinic, Pune	3rd Annual Indo-US Hand Surgery Conference	28 Feb 2020 to 29 Feb 2020

#### OTO Rhino Laryngology

Sl. No.	Visitor	Name of the Organization	Purpose of Visit	Date of Visit
1	Dr Mahesh S G	A J Institute of Medical Sciences and Research Centre, Kuntikana, Mangalore,	UG external examiner	18 Sep 2020

#### Paediatrics

Sl. No.	Visitor	Name of the Organization	Purpose of Visit	Date of Visit
1	Dr Deepak Kumar Mehta	Paediatric otolaryngologist, Baylor College of Medicine, Houston, Texas, USA	Guest Lecture	11 Mar 2020

#### Details of Publications:

National		International	
Indexed	Non - Indexed	Indexed	Non - Indexed
99	0	334	0

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

Faculty		Student	
National	International	National	International
243*	102*	235*	48*

\*\*\*This includes both online and offline participation by the delegates.

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

Particulars	National	International
Conference	3	2
Workshop	18	1
Seminar	4	1
CME/CDE	10	0
Other	28	8



Books/chapters authored by faculty members:

**Community Medicine**

Sl. No.	Name of the Book	Chapter(s) name (if authored, chapters only)	Faculty members	Publisher	Date
1	COVID-19 A multidimensional response	Non Pharmacological Interventions for prevention of COVID-19	Dr Muralidhar M K	Manipal Universal Press	31 Dec 2020

**Dermatology**

1	Dermatological Emergencies	Pemphigus vulgaris & Pemphigus foliaceus. First Edition	Raghavendra Rao	CRC Press	31 Dec 2020
---	----------------------------	---	-----------------	-----------	-------------

**Medicine**

1	Manipal Manual Clinical Medicine for PG Student		Dr B.A. Shastry	CBS New Delhi	31 Dec 2020
2	COVID-19 Clinical Management Protocols	Definition of COVID-19, SARI, And ILI	Dr Muralidhar Varma	Kasturba Hospital Manipal	31 Dec 2020
3	COVID-19 Clinical Management Protocols	Clinical Manifestations, Diagnosis & Treatment	Dr Nitin Gupta	Kasturba Hospital Manipal	31 Dec 2020
4	Operational Manual Kysanur Forest Disease	Clinical Manifestations, Diagnosis & Treatment	Dr Kavitha Saravu	Directorate of Health & Family Welfare Services Government of Karnataka	31 Dec 2020
5	Covid 19 Clinical Management Protocols	Management of Healthcare workers exposed to or infected with Covid-19	Dr Kavitha Saravu	Kasturba Hospital Manipal	31 Dec 2020

**Neuro Surgery**

1	COVID-19-A multidimensional response	Surgery during COVID-19 - Risks, Challenges, and the Way Forward	Dr Rajesh Nair, Dr Girish Menon	Manipal Universal Press	31 Dec 2020
---	--------------------------------------	--	---------------------------------	-------------------------	-------------

**Obstetrics and Gynaecology**

1	Lecture Notes in Electrical Engineering 614	Transfer Learning for Classification of Uterine Cervix Images for Cervical Cancer Screening in Kalya et al. (eds.), Advances in Communication, Signal Processing, VLSI, and Embedded Systems,	Shyamala G	CBS New Delhi	31 Dec 2020
---	---	---	------------	---------------	-------------

## Ophthalmology

Sl. No.	Name of the Book	Chapter(s) name (if authored, chapters only)	Faculty members	Publisher	Date
1	Advances in Control Instrumentation Systems	Finite Element Analysis of the Human Eye for a Range of Intraocular Pressure	Dr Manali Hazarika	Springer, Singapore	31 Dec 2020

## Orthopaedics

1	Clinical Assessment & Examination Simulation in Orthopaedics	Orthopaedic Emergencies	Dr Anil K. Bhat, Dr Shyamasunder Bhat N, Dr Ashwath Acharya, Dr Hitesh Shah, Dr Vivek Pandey, Dr Sandeep Vijayan, Dr Sandesh S Madi, Dr Prajwal P Mane	CBS Publishers & Distributors	31 Dec 2020
---	--	-------------------------	--	-------------------------------	-------------

## Paediatrics

1	Infant Feeding Breast versus Formula	Breastfeeding in Normal Newborn: Basic Concepts	Dr Jayashree Purkayastha	Intechopen	31 Dec 2020
---	--------------------------------------	---	--------------------------	------------	-------------

## Palliative Medicine and Supportive Care

1	Palliative care in COVID-19 resource toolkit for low and middle-income countries-e-book	"1. Symptom management in agitation and delirium. 2. Management of distress including psychological, social and spiritual support. 3. Making sense of distress. 4. Goals of care discussion framework. 5. Grief and bereavement in COVID-19. 6. Psychosocial intervention for COVID-19. 7. Spiritual care in COVID-19 pandemic."	Dr Seema Rao	Pallium India, Trivandrum	31 Dec 2020
---	---	--	--------------	---------------------------	-------------

## Details of Research Grants:

### Anatomy

Sl. No.	Project Name	Principal Investigator	Funding Agencies	Total Grants Received (INR)	Date(s)
1	Exosomes from human pluripotent stem cell derived GABAergic interneuron progenitors: Next generation vehicles for treating GABA	Dr Dinesh Upadhyaya	SERB, New Delhi	10,00,000	15 Dec 2018 to 14 Dec 2021
2	Identification of epigenetic, Transcriptional and	Dr Pawan Kumar Agarwal	DBT, New Delhi	24,72,000	01 Oct 2019 to 30 Sep 2024

Sl. No.	Project Name	Principal Investigator	Funding Agencies	Total Grants Received (INR)	Date(s)
	behavioural mechanisms engaged by schizophrenia and related neuropsychiatric disorders using Drosophila as a Model				

### Cardiology

1	Protocol No: CLCZ696D2302	Dr Tom Devasia	Novartis Healthcare Pvt Ltd	13,747	25 Nov 2017 to 24 Nov 2019
2	Study Number: CTQJ230A12001 Multi-Centre Cross-Sectional Epidemiological study to characterize the prevalence and distribution of lipoprotein(A) EVELs among patients with established cardiovascular disease	Dr Tom Devasia	Novartis Healthcare Private Limited	3,22,140	21 Aug 2019 to 23 Sep 2021

### Clinical Embryology

Sl. No.	Project Name	Principal Investigator	Funding Agencies	Total Grants Received (INR)	Date(s)
1	CSIR Fellowship	Miss Swati Singh	CSIR, New Delhi	17,370	20 May 2019 to 31 May 2021
2	Consultancy & Embryology services	Dr Satish Kumar Adiga	SDM Fertility Centre, SDM Hospital, Dharwad	3,64,620	21 Apr 2016 to 20 Dec 2021
3	"Human Cortical tissue in vitro Culture to obtain mature oocyte using novel bioreactors" supported by IVF Red.	Dr Satish Kumar Adiga	University of Naples	4,67,305.35	01 Jan 2020 to 31 Dec 2020
4	Impact of maternal diabetes on pre-implantation embryo development: Non-invasive approach to assess embryo quality	Dr Satish Kumar Adiga	SERB, New Delhi	9,00,000	15 Mar 2018 to 14 Mar 2021



Sl. No.	Project Name	Principal Investigator	Funding Agencies	Total Grants Received (INR)	Date(s)
	using oxygen consumption				
5	Functional and genetic integrity of spermatozoa extracted using microfluidic separation (MIGLIS)	Dr Satish Kumar Adiga	SAR Health Line Pvt Ltd	4,15,360	24 Mar 2020 to 23 Mar 2022
6	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 Sep 2017 to 17 Sep 2022

### Community Medicine

Sl. No.	Project Name	Principal Investigator	Funding Agencies	Total Grants Received (INR)	Date(s)
1	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	DiagnoSearch Life Sciences Pvt Ltd	4,23,832.50	16 Oct 2019 to 16 Oct 2024
2	SII-qHPV/IN-02	Dr Veena G Kamath	Serum Institute of India Pvt Ltd	2,06,000	22 Aug 2018 to 21 Aug 2023
3	Immune Lot-to-Lot Consistency and Non-Inferiority of SHAN6tm Vaccine Comparison to SHAN 5 + SHANIPV When Administered as Three Doses at 6-8, 10-12 and 14-16 weeks of age in Healthy Indian Infants, Concomitantly with Oral Rotavirus Vaccine	Dr Ranjitha Shetty	Shantha Biotechnics Pvt Ltd	2,95,330.40	01 Jan 2019 to 31 May 2020
4	Protocol No PCV-10-004 A Phase 3, Randomized, Double -Blind Study to Evaluate the Immunogenicity, Safety and	Dr Veena G Kamath	DiagnoSearch Life Sciences Pvt Ltd	3,57,945	16 Sep 2019 to 15 Oct 2024

Sl. No.	Project Name	Principal Investigator	Funding Agencies	Total Grants Received (INR)	Date(s)
	Tolerability of Serum Institute of India's 10-valent Pneumococcal Conjugate Vaccine (PNEUMOSIL) in Healthy Indian Infants				
5	SII-qHPV/IN-02	Dr Veena G Kamath	DiagnoSearch Life Sciences Pvt Ltd	503,600	22 Aug 2018 to 21 Aug 2023
6	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	67,844.10	09 Aug 2019 to 08 Aug 2022
7	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	DiagnoSearch Life Sciences Pvt Ltd	4,05,222.50	16 Oct 2019 to 15 Oct 2024
8	SII-qHPV/IN-02	Dr Veena G Kamath	DiagnoSearch Life Sciences Pvt Ltd	7,44,400	22 Aug 2018 to 21 Aug 2023
9	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 <sup>tm</sup> (DTwP-HepB-IPV-Hib) Vaccine in Comparison to SIIPL Pentavac (DTwP-HepB-HiB) + Poliovac (IPV) Vaccines in Administered as Separate injections	Dr Veena G Kamath	DiagnoSearch Life Sciences Pvt Ltd	11,91,536	12 Nov 2019 to 11 Jul 2022
10	Protocol No: SII-wHEXA/IN-02 - An Open Label, Randomized, Active-controlled, Multi-centric	Dr Veena G Kamath	DiagnoSearch Life Sciences Pvt Ltd	15,000	12 Nov 2019 to 11 Jul 2022

Sl. No.	Project Name	Principal Investigator	Funding Agencies	Total Grants Received (INR)	Date(s)
	phase II/III study in Indian Toddlers and infants to assess the Immunogenicity and Safety of SIIPL HEXASIIIL <sup>tm</sup> (DTwP-HepB-IPV-Hib) Vaccine in Comparison to SIIPL Pentavac (DTwP-HepB-HiB) + Poliovac (IPV) Vaccines in Administered as Separate injections				
11	The Prevalence Study of Specific Micronutrient Deficiencies In School Going Children Aged Between 6-16 Years In Ten Cities of India.	Dr Suma Nair	King George's Medical University, Lucknow	5,61,000	20 Jul 2019 to 19 Jul 2020
12	SII-qHPV/IN-02	Dr Veena G Kamath	Serum Institute of India Pvt Ltd	2,03,000	22 Aug 2018 to 21 Aug 2023
13	SII-qHPV/IN-02	Dr Veena G Kamath	DiagnoSearch Life Sciences Pvt Ltd	2,69,300	22 Aug 2018 to 21 Aug 2023
14	Assessment of bacterial contamination in SLT products in Karnataka	Dr Sneha Mallya	Director of Health & Family Welfare Services, Bangalore	35,000	15 Jan 2020 to 14 Jan 2021
15	Implementation on Tobacco Advertising, Promotion, and Sponsorship (TAPS) Bans in Karnataka.	Mr Praveen Kumar	Director of Health & Family Welfare Services, Bangalore	40,000	15 Jan 2020 to 14 Jan 2021
16	Rotasiil® Vaccine Intussusception Surveillance in Kerala, Karnataka, Maharashtra and Gujarat, India	Dr Veena G Kamath	C M C Vellore Association, TN	4,75,068	01 Feb 2020 to 31 Jul 2020
17	Assessment of awareness of recent RNTCP updates among the private medical practitioners and awareness intervention with prospective evaluation of impact of intervention in managing presumptive tuberculosis	Dr Ashwini Kumar	District TB Control Officer, Udupi	1,32,000	30 Mar 2020 to 29 Mar 2022



Sl. No.	Project Name	Principal Investigator	Funding Agencies	Total Grants Received (INR)	Date(s)
	cases in Udupi Municipality area				
18	Protocol No SH600004 Immunogenicity and Safety of SHAN6@ vaccine when administered as booster in healthy toddlers in India	Dr Ranjitha Shetty	Sanofi Healthcare India Private Limited	2,03,904	01 Apr 2020 to 31 Mar 2025
19	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	1,09,409.60	09 Aug 2019 to 08 Aug 2022

#### Critical Care

1	Clinical Study of non contact monitoring respiratory rate & heart rate in non-acuity settings (6 months Coordinator salary which was not in budget)	Dr Trevor Francis Sequeira	Philips India Ltd, Bangalore	70,800	01 Jan 2020 to 30 Jun 2020
---	---	----------------------------	------------------------------	--------	----------------------------

#### Dermatology

1	Comparison of conventional indirect immunofluorescence with biochip mosaic slide in the diagnosis of autoimmune bullous disorders-A cross-sectional study	Dr Raghavendra Rao	IADVL, Academy Bangalore	3,50,000	01 Oct 2019 to 31 Mar 2021
---	---	--------------------	--------------------------	----------	----------------------------

#### Gastroenterology

Sl. No.	Project Name	Principal Investigator	Funding Agencies	Total Grants Received (INR)	Date(s)
1	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	2,62,248	04 Jan 2018 to 03 Jan 2020

Sl. No.	Project Name	Principal Investigator	Funding Agencies	Total Grants Received (INR)	Date(s)
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	1,56,515	04 Jan 2018 to 03 Jan 2020

### Infectious Diseases

Sl. No.	Project Name	Principal Investigator	Funding Agencies	Total Grants Received (INR)	Date(s)
1	Initiating Antimicrobial Stewardship activities in hospitals in India	Dr Muralidhar Varma	ICMR, New Delhi	8,85,530	01 Jul 2018 to 30 Jun 2020
2	Intravenous Treatment for scrub Typhus (INTREST Trial)	Dr Kavitha Saravu	Christian Medical College	5,00,000	29 Dec 2017 to 28 Dec 2020
3	Protocol No: 63623872FLZ3001 "A Phase 3 Randomized, Double-blind, Placebo-controlled, Multicentre Study to Evaluate the Efficacy and Safety of Pimodivir in Combination with the Standard-of-care Treatment in Adolescent, Adult, and Elderly Hospitalized Patients with Influenza An Infection"	Dr Muralidhar Varma	IQVIA RDS (India) Private Limited	7,49,636	29 Nov 2018 to 28 Nov 2023
4	Protocol No: MV40618 "A Phase III B, 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 Muralidhar Varma	Roche Products India Pvt Ltd	29,500	18 Feb 2020 to 17 Feb 2025

### Medical Genetics

Sl. No.	Project Name	Principal Investigator	Funding Agencies	Total Grants Received (INR)	Date(s)
1	Investigating the role of IFT52 and EXOC6B in human biology and disease using cell-culture and Drosophila systems	Dr Priyanka Upadhyai	SERB, New Delhi	3,25,000	30 Mar 2017 to 29 Mar 2020

Sl. No.	Project Name	Principal Investigator	Funding Agencies	Total Grants Received (INR)	Date(s)
2	Fellowship Stipend and Contingencies in respect of Dr Shruti Anant Pande	Dr Shruti Anant Pande, Guide Dr Girish K M	ICMR, New Delhi	13,00,000	01 Oct 2019 to 30 Sep 2020
3	Does Postmortem Magnetic Resonance Imaging of Fetal Brain Help in Autopsy	Dr Girisha K M	ICMR, New Delhi	3,72,331	01 Aug 2017 to 31 Jul 2020
4	Liquid Biopsy Strategies for early detection and treatment monitoring of Human Papilloma Virus (HPV) associated cancers in India	Dr Rama Rao Damerla	DBT, New Delhi	24,65,934	03 Jun 2019 to 02 Jun 2024
5	Improving the clinical care of children and young adults with marfan syndrome and related disorders by molecular genetic testing through next generation sequencing	Dr Girisha K M	ICMR, New Delhi	5,07,713	26 Mar 2018 to 25 Mar 2021
6	Travel grant for attending American Society of Human Genetics 2019, USA on 15 to 19, October 2019 held in Houston, USA	Dr Gandham Srilakshmi Bhavani	SERB, New Delhi	1,35,699	15 Oct 2019 to 19 Oct 2020

#### Medical Oncology

1	Protocol No: RI-01-006 "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 S Udupa	Parexel International Clinical Research Pvt Ltd	1,40,107.27	09 May 2019 to 08 May 2020
---	---	--------------------	---	-------------	----------------------------

#### Medicine

Sl. No.	Project Name	Principal Investigator	Funding Agencies	Total Grants Received (INR)	Date(s)
1	Tips-3	Dr Sudha Vidyasagar	St John's Research Institute	2,546	22 Oct 2014 to 21 Oct 2020



Sl. No.	Project Name	Principal Investigator	Funding Agencies	Total Grants Received (INR)	Date(s)
2	DIREGL08112-LANDMARC(356-77)	Dr Sudha Vidyasagar	Sanofi India Limited	70,800	01 Mar 2017 to 21 Feb 2020
3	DIREGL08112-LANDMARC(356-77)	Dr Sudha Vidyasagar	Sanofi India Limited	4,720	01 Mar 2017 to 29 Feb 2020
4	Association between serum osteocalcin and atherosclerosis in type-2 Diabetes Mellitus	Dr Sudha Vidhyasagar	Association of Physicians of India, Bangalore (API)	50,000	01 Sep 2018 to 31 Aug 2020
5	Registry of people with Diabetes in India with Young Age at Onset -II	Dr Sudha Vidyasagar	ICMR, New Delhi	17,500	16 Mar 2015 to 15 Mar 2020
6	Tips-3	Dr Sudha Vidyasagar	St John's Research Institute	2,546	22 Oct 2014 to 21 Oct 2020
7	Registry of people with Diabetes in India with Young Age at Onset -II	Dr Sudha Vidyasagar	ICMR, New Delhi	3,53,928	16 Mar 2015 to 15 Mar 2020
8	DIREGL08112-LANDMARC(356-77)	Dr Sudha Vidyasagar	Sanofi India Limited	7,080	01 Mar 2017 to 29 Feb 2020
9	Clinical and Biochemical Profile of Patients with High HDL Cholesterol and Implications for Cardiovascular Risk	Dr Sudha Vidhyasagar	Association of Physicians of India, Bangalore (API)	75,000	03 Jan 2019 to 02 Jan 2022
10	Prevalence of cognitive dysfunction in type 2 diabetes mellitus patients in India population and understanding their possible link through targeted lipidomic approach	Dr Mukhyaprana Prabhu	RSSDI, New Delhi	1,33,333	20 Jul 2019 to 19 Jul 2022
11	DIREGL08112-LANDMARC(356-76)	Dr Mukhyaprana Prabhu	Sanofi India Limited	80,240	01 Mar 2017 to 28 Feb 2022

Sl. No.	Project Name	Principal Investigator	Funding Agencies	Total Grants Received (INR)	Date(s)
12	ICMR - Young Diabetes Registry (YDR) & YDR Cohort Phase-III	Dr Sudha Vidyasagar	ICMR, New Delhi	13,81,715	20 Nov 2020 to 19 Nov 2023

### Microbiology

Sl. No.	Project Name	Principal Investigator	Funding Agencies	Total Grants Received (INR)	Date(s)
1	Fellowship to SRF Miss Sudipta Patra on the Project title" A Study of human brucellosis to investigate the serological epidemiology, molecular diversity and antigenic determinants for better insight and diagnosis	Miss Sudipta Patra & Guide, Dr Chiranjay Mukhopadhyay	ICMR, New Delhi	2,36,800	01 Aug 2019 to 31 Jul 2021
2	An Investigation of environmental influence on the growth of Burkholderia pseudomallei in the soil of South West Coast of Karnataka	Fellowship to Mr Tushar Shaw. Guide- Dr Chiranjay Mukhopadhyay, Microbiology	ICMR, New Delhi	4,73,600	31 Jul 2018 to 30 Jul 2021
3	Pursue Full time Doctoral (PhD Program under the AORC scheme of the Inspire Program of the DST, New Delhi	Soumi Chowdhury	DST, New Delhi	4,28,270	08 Feb 2019 to 07 Feb 2024
4	Comparison analysis of various diagnostic tools to resolve the diagnostic dilemma in Leptospirosis	Dr Shashidhar V	ICMR, New Delhi	3,31,908	15 Mar 2017 to 14 Mar 2020
5	Fellowship to SRF Miss Sudipta Patra on the Project title" A Study of human brucellosis to investigate the serological epidemiology, molecular diversity and antigenic determinants for better insight and diagnosis	Miss Sudipta Patra & Guide, Dr Chiranjay Mukhopadhyay	ICMR, New Delhi	2,34,374	01 Aug 2019 to 31 Jul 2021
6	Pathogenicity, resistance attributes and clinical impact of Acinetobacter baumannii complex infections in ICU settings to understand challenges and opportunities for prevention	Ms Mansa Tantry Guide Dr Vandana K E	Lady Tata Memorial Trust	3,72,000	01 Aug 2019 to 31 Jul 2021

Sl. No.	Project Name	Principal Investigator	Funding Agencies	Total Grants Received (INR)	Date(s)
7	Capacity building and strengthening of Hospital Infection Control to Detect and Prevent Antimicrobial Resistance in India	Dr Chiranjay Mukhopadhyay	JPN Apex Trauma Centre, All India Institute of Medical Sciences, New Delhi	12,00,000	30 Sep 2017 to 29 Sep 2020
8	Regional Centre for Antimicrobial Resistance Surveillance Network	Dr Chiranjay Mukhopadhyay	ICMR, New Delhi	5,40,739	01 Jul 2018 to 30 Sep 2023
9	Development of a Melioidosis Diagnostic assay system" PI Dr Chiranjay Mukhopadhyay.	Dr Chiranjay Mukhopadhyay	Inbios International INC	5,56,256	05 Oct 2019 to 24 Mar 2021
10	Paediatric household contact investigation for TB: Challenges and its burden, Karnataka	Dr Kiran Chawla	Ministry of Health & Family Welfare, New Delhi	20,71,125	14 Sep 2020 to 14 Mar 2022
11	Expansion of antimicrobial stewardship (AMSP) and infection control program (ICP) of ICMR in secondary care hospitals	Dr Chiranjay Mukhopadhyay	ICMR, New Delhi	14,98,265	15 Sep 2020 to 14 Sep 2022

### Nephrology

Sl. No.	Project Name	Principal Investigator	Funding Agencies	Total Grants Received (INR)	Date(s)
1	Protocol No: VIS649-201 A Phase 2, Multicentre, Randomized, Double-Blind, Placebo-Controlled, Multiple Dose Proof of Concept Study to Evaluate the Efficacy and Safety of Multiple Intravenous Doses of VIS649 in Patients with Immunoglobulin A Nephropathy; involving the compound known as VIS649	Dr Ravindra Prabhu	George Clinical India Pvt Ltd	1,50,000	17 Aug 2020 to 31 Dec 2020
2	A Phase 3 randomized, open-label active controlled parallel-group, multicentre event driven study in non-dialysis subject with anaemia associated with chronic kidney disease to evaluate the safety and efficacy of GSK1278863 compared	Dr Ravindra Prabhu	PPD Pharmaceutical Development India Pvt Ltd	62,540	24 Nov 2017 to 23 May 2022



Sl. No.	Project Name	Principal Investigator	Funding Agencies	Total Grants Received (INR)	Date(s)
	to darbepoetin alfa Protocol No: PHI200808				
3	A Phase 3 randomized, open-label active controlled parallel-group, multi centre event driven study in non-dialysis subject 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 Pharmaceutical Development India Pvt Ltd	1,22,571.32	24 Nov 2017 to 23 May 2022

### Neurology

Sl. No.	Project Name	Principal Investigator	Funding Agencies	Total Grants Received (INR)	Date(s)
1	Fever, Hyperglycaemia, Swallowing and Hypertension Management in Acute Stroke: A Cluster Randomized Trial (Indian Quality Improvement in Stroke Care Study) under "Indian Stroke Research Network"	Dr Aparna Pai	AIIMS, New Delhi	8,56,579	27 Mar 2018 to 15 Feb 2021
2	Establishment of the Indian Stroke Clinical Trial Network (INSTRuCT)	Dr Aparna R Pai	ICMR, New Delhi	86,115	30 Mar 2017 to 29 Mar 2021
3	Artificial intelligence Enabled Acute Ischemic Strokes infarcts Volume Estimation, Intracranial Emergent large vessel occlusions quantification	Dr S P Gorthi	Philips India Ltd, Bangalore	1,50,000	30 May 2019 to 31 Dec 2022

### Obstetrics and Gynaecology

Sl. No.	Project Name	Principal Investigator	Funding Agencies	Total Grants Received (INR)	Date(s)
1	Clinical Phenotypes and genetic regulation of endometriosis in Indian women	Dr Muralidhar V Pai	ICMR- National Institute for Research Reproductive Health, Mumbai	33,000	29 Oct 2019 to 28 Oct 2024

### Orthopaedics

Sl. No.	Project Name	Principal Investigator	Funding Agencies	Total Grants Received (INR)	Date(s)
1	SRPL-OA-16-17	Dr Vivek Pandey	Ecron Acunova Limited	2,56,336.12	13 Nov 2018 to 20 Nov 2020

### OTO Rhino Laryngology

Sl. No.	Project Name	Principal Investigator	Funding Agencies	Total Grants Received (INR)	Date(s)
1	Specific Research Plan for Machine learning tool for diagnosis & staging of laryngeal cancer using CT scan Project	Dr Rohit Singh	Philips India Ltd, Bangalore	1,50,000	01 Jan 2020 to 31 Dec 2021

### Paediatrics

1	Protocol: HDC/CP/PP/018/2019 An open label single arm clinical study to evaluate the safety and efficacy of HPLT031707 SYRUP in cases of Thrombocytopenia associated with dengue fever in paediatric population	Dr Shrikiran A	The Himalaya Drug Company	59,000	27 Dec 2019 to 26 Dec 2021
---	--	----------------	---------------------------	--------	----------------------------

### Pathology

1	Biomarker Expression Analysis in Breast Cancer	Dr Kanthilatha Pai	Applied Materials India Pvt Ltd	5,29,230	29 Jul 2019 to 28 Jul 2022
---	--	--------------------	---------------------------------	----------	----------------------------

### Pharmacology

1	RNTCP Programme - A prospective observational study to identify and evaluate the adverse drug reactions among patients on anti-tubercular medications	Dr Shalini Adiga	District TB Control Officer, Udupi	1,36,000	30 Mar 2020 to 29 Mar 2022
---	---	------------------	------------------------------------	----------	----------------------------

### Psychiatry

Sl. No.	Project Name	Principal Investigator	Funding Agencies	Total Grants Received (INR)	Date(s)
1	Protocol No: NOPRODSCH4001: An observational study for schizophrenia relapse prediction	Dr PSVN Sharma	IQVIA RDS(India)Pvt Ltd	5,60,777.30	11 Apr 2019 to 10 Apr 2022
2	Sri Ram Prasad Sammeta Travel grant - Study tour for Psychiatry	Dr PSVN Sharma	Dheeraj Kodali	70,000	12 Apr 2020 to 26 Apr 2020

Sl. No.	Project Name	Principal Investigator	Funding Agencies	Total Grants Received (INR)	Date(s)
	postgraduate residents/students to various psychiatric care facilities in South India as a horizon widening exercise				
3	Effectiveness of integrated Clinical and Behavioural Interventions for Cardiovascular Risk Management Among Patients with Serious Mental Disorders in Psychiatric Outpatient Settings: A Multi-Centric Randomized Controlled Trial	Dr PSVN Sharma	Schizophrenia Research Foundation (India)	6,19,600	15 Jun 2020 to 14 Jun 2022
4	Clinical Research Centre for Neuromodulation in Psychiatry	Dr Samir Kumar Praharaj	NIMHANS, Bangalore	3,30,000	01 Jul 2020 to 30 Jun 2025

#### Radiodiagnosis and Imaging

1	Smart Exam for Brain MRI with Ai Project	Dr Rajgopal K V	Philips India Ltd, Bangalore	3,12,700	15 Dec 2019 to 30 Aug 2020
2	Research Plan for Paediatric Cardiac MRI image Segmentation	Dr Rajgopal K V	Philips India Ltd, Bangalore	70,000	10 Feb 2020 to 30 Jun 2020

#### Radiotherapy

Sl. No.	Project Name	Principal Investigator	Funding Agencies	Total Grants Received (INR)	Date(s)
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	3,62,173.98	01 Jun 2019 to 31 May 2020



Sl. No.	Project Name	Principal Investigator	Funding Agencies	Total Grants Received (INR)	Date(s)
2	Specific Research Plan for Pilot Study for development of a Data Analytics Model for Determining the prognostic Factors of Head & Neck Cancer	Dr Krishna Sharan	Philips India Ltd, Bangalore	1,00,000	02 Apr 2018 to 14 Aug 2021

#### Awards/Recognitions:

Institution (including "The Best Teacher Award" for the year)

#### Biochemistry

Sl. No.	Name	Details	Date
1	Dr Vinutha R Bhat, Associate Professor	Dr TMA Pai gold medal for outstanding research publication	14 Mar 2020
2	Dr Vijetha Shenoy B, Associate Professor	Dr TMA Pai gold medal for outstanding research publication	14 Mar 2020

#### Paediatrics

1	Dr Suneel C Mundkur, Professor	Dr TMA Pai Gold Medal	01 Feb 2020
---	--------------------------------	-----------------------	-------------

#### Faculty Members

#### Anaesthesiology

Sl. No.	Name	Details	Date
1	Dr Gautham N S, Assistant Professor	Clinical fellow in Neuro anaesthesia at the University College London Hospital, London, UK for 1 Year	01 Dec 2020

#### Anatomy

1	Dr B Prakash Babu, Associate Professor	Certificate of Excellence for review of Journal	10 Mar 2020
---	--	---	-------------

#### Cardiology

Sl. No.	Name	Details	Date
1	Dr M Sudhakar Rao, Associate Professor	Best presentation for "What the eye cannot see, mind does not know. All well that ends well"	12 Jan 2020
2	Dept of Cardiology	Honouring of COVID -19 Warriors	30 Nov 2020

#### Clinical Embryology

1	Dr Satish Kumar Adiga, Professor	Award (Dr Gautham Khastgir Life time Achievement award)	06 Mar 2020
2	Ms Sandhya Kumari M V, Senior Grade Lecturer	Dr K D Nayar - Best Embryology paper (oral presentation) at 16th Annual conference Fertilisation and 1st virtual global congress of Indian Fertility Society. Received Gold medal.	04 Dec 2020

#### Community Medicine

Sl. No.	Name	Details	Date
1	Dr Divya V Pai, Associate Professor	Best Poster Presentation	30 Jan 2020

Sl. No.	Name	Details	Date
2	Dr Ranjitha S Shetty, Associate Professor	Interprofessional training program to develop collaborative research projects related to cancer precision medicine between Manipal and the Markey Cancer Centre (MCC) from 15 April 2020 to 14 July 2020	31 Mar 2020

#### Department of Emergency Medicine

Sl. No.	Name	Details	Date
1	Dr Prithvishree Ravindra, Assistant Professor	Awarded "40 under 40 - class of 2019" by Citizen CPR Foundation, Overland Park, Kansas, United States for work of CPR campaign	30 Mar 2020
2	Dr William Wilson, Associate Professor	Awarded MRCEM by the Royal College of Emergency Physicians.	30 Mar 2020
3	Dr Vimal Krishnan, Associate Professor	American College of Emergency Physicians, has announced the ACEP20 Global Leadership Award for Global EM Leaders, at ACEP20 AWARDS	10 Oct 2020

#### Immuno Haematology and Blood Transfusion

Sl. No.	Name	Details	Date
1	Dr Dhivya Kandasamy, Assistant Professor	I Try IT ISBT Transfusion Research, Young Investigator Training	12 Feb 2020
2	Dr Dhivya Kandasamy, Assistant Professor	AABB Abstract reviewer at AABB Annual Meeting, Baltimore October 3-6, 2020	29 Apr 2020
3	Dr Chenna Deepika, Assistant Professor	AABB Abstract reviewer at AABB Annual Meeting, Baltimore October 3-6, 2020	29 Apr 2020

#### Medicine

1	Dr Hitesh H Shah, Professor	Best paper award in Paediatric Orthopaedics	02 Feb 2020
2	Dr M. Mukhyaprana Prabhu, Professor	Fellowship - Lipidology, Type 2 Diabetes Mellitus, Immunological disorder for 1 Year	01 Dec 2020

#### Microbiology

1	Dr Barnini Banerjee, Associate Professor	Certificate of appreciation	07 Feb 2020
---	--	-----------------------------	-------------

#### Neurology

1	Dr Radhika Nair K., Assistant Professor	Fellowship in Stroke Medicine at the University of Alberta, Edmonton, Canada for 1 year	11 Dec 2020
---	---	---	-------------

#### Obstetrics and Gynaecology

Sl. No.	Name	Details	Date
1	Dr Pratap Kumar, Professor	New Year Award by Academy of General Education in Collaboration with Manipal Academy of Higher Education, Syndicate Bank and Manipal Medial Network at Manipal. Award for outstanding	11 Jan 2020

Sl. No.	Name	Details	Date
		contribution in the field of Fertility and Reproductive Medicine. Certificate and Medal Frame	
2	Dr Pratap Kumar, Professor	Champion of ISAR Award from Indian Society of Assisted Reproduction (ISAR) "Award for outstanding contribution in the field of Fertility and Reproductive Medicine" on Silver Jubilee Annual ISAR Conference	08 Mar 2020

### Ophthalmology

Sl. No.	Name	Details	Date
1	Dr Neetha KIR, Assistant Professor	Topper in the course "Basic course in Biomedical Research" March -June 2020 as mandated by National Medical Commission	01 Jul 2020
2	Dr Shailaja S, Associate Professor	Overall Winner & Section Winner 2, Brain Teasers. Amazon Gift Card Rs. 7,000 for Winner & Rs. 1,500 for Section Winner -2	06 Sep 2020
3	Dr Vijaya Pai H, Professor	1st prize, Quiz Winner - Brain Teasers	31 Oct 2020
4	Dr Sulatha V Bhandary, Professor	Lions Kannada Rajyothsava Award for creating Awareness regarding Eye donation and Eye healthcare on the occasion of Lions club Diamond Jubilee year	28 Nov 2020
5	Dr Shailaja S, Assistant Professor	Won a prize in the Free Paper Session "DOSCON 2020 International Hybrid Conference"	20 Dec 2020

### Orthopaedics

Sl. No.	Name	Details	Date
1	Dr Kumar Amerendra Singh, Associate Professor	Presented paper in the "Best Paper Award" session	12 Jan 2020
2	Dr Jayakrishnan K N, Assistant Professor,	Professor Venugopalan Nair Gold Medal in the "Best Paper Award" session for consultants also first prize in the best poster session.	26 Jan 2020
3	Dr Prajwal P Mane, Asst. Professor	3rd best prize in Arthroplasty session	02 Feb 2020

### Palliative Medicine and Supportive Care

Sl. No.	Name	Details	Date
1	Dr Naveen Salins, Professor	Award for Excellence and Leadership in Palliative Care [Doctors] 2019-20	16 Feb 2020

### Pathology

Sl. No.	Name	Details	Date
1	Dr Padma Priya, Associate Professor	1st prize - Path tweet, 47th annual conference of KCIAPM	04 Oct 2020
2	Dr Deepa, Assistant Professor	2nd prize - Path tweet, 47th annual conference of KCIAPM	04 Oct 2020

### Psychiatry

Sl. No.	Name	Details	Date
1	Dr PSVN Sharma, Professor	Eminent Psychiatrist Award - KANCIPS 2020	11 Oct 2020

### Radiodiagnosis and Imaging

1	Dr Phani Deepika Kamineni, Assistant Professor	Advance Breast Imaging at Edge Hill University, Manchester, UK - 3 years from April 2019	10 Jul 2020
---	--	--	-------------

### Students

#### Anaesthesiology

Sl. No.	Name	Details	Date
1	Dr Nandini BM, MD Anaesthesiology	Won prize in poster presentation in National Airway Conference	11 Oct 2020
2	Dr Tirth Nayan Vasa, MD Anaesthesiology	Won prize in poster presentation in National Airway Conference	11 Oct 2020

#### Biochemistry

Sl. No.	Name	Details	Date
1	First & Second year MSc PGs (Biochemistry)	Won an award at VERVE 2020	02 Mar 2020

#### Cardiology

Sl. No.	Name	Details	Date
1	Dr Harsha, DM Cardiology	Best Case e-presentation at Webinar Conference "11th Manipal Cardiology Update 2020"	01 Nov 2020
2	Dr Monika Jawanjaj, DM Cardiology	Best Case e-presentation at Webinar Conference "11th Manipal Cardiology Update 2020"	01 Nov 2020
3	Dr Kanhai Rajendra Lalani, DM Cardiology	Best Case e-presentation at Webinar Conference "11th Manipal Cardiology Update 2020"	01 Nov 2020
4	Dr Nagarathna Shenoy, DM Cardiology	Best Case e-presentation at Webinar Conference "11th Manipal Cardiology Update 2020"	01 Nov 2020

#### Department of Emergency Medicine

Sl. No.	Name	Details	Date
1	Dr Mohammad Khalid M K, MD Emergency Medicine	2nd Prize In Emquizitive 2.0, At EM Karnataka 2020	18 Jan 2020

#### Dermatology

Sl. No.	Name	Details	Date
1	Dr Suhani Sareen, MD Dermatology	Won award in Quiz - RESIMED KN DERM PROGRAMS, an initiative of Karnataka IADVL with education grant FOR PG TEACHING	27 Jun 2020



Sl. No.	Name	Details	Date
2	Dr Swathy Krishna, MD Dermatology	QUIZ winner - RESIMED KN DERM PROGRAMS, initiative of Karnataka IADVL Skill development program for dermatology residents – Trichology skill development	04 Jul 2020
3	Dr Krithiga M, MD Dermatology	QUIZ winner - RESIMED KN DERM PROGRAMS, initiative of Karnataka IADVL Skill development program for dermatology residents – laboratory and therapeutic skills in leprosy	18 Jul 2020

### General Surgery

Sl. No.	Name	Details	Date
1	Dr Poojitha Yalla, MS Surgery	Best Free Paper Award - 2nd Prize at 80th Annual Conference of ASI Virtual ASICON 2020	19 Dec 2020
2	Dr Shrividya S, MS Surgery	Best Free Paper Award - 2nd Prize at 80th Annual Conference of ASI Virtual ASICON 2020	19 Dec 2020
3	Dr Anaparti Rasagna, MS Surgery	Best Free Paper Award - 1st Prize at 80th Annual Conference of ASI Virtual ASICON 2020	19 Dec 2020
4	Dr Sudha Reddy, MS Surgery	Best Free Paper Award - 2nd Prize at 80th Annual Conference of ASI Virtual ASICON 2020	19 Dec 2020

### Hospital Administration

Sl. No.	Name	Details	Date
1	Dr Chandermani, PG	Paper Presentation - National Conference on Safe and Sustainable Hospitals	23 Feb 2020
2	Dr Chandermani, MD Hospital Administration	Received COVID-19 warriors award	30 Nov 2020
3	Dr Sonia, MD Hospital Administration	Received COVID-19 warriors award	30 Nov 2020

### Immuno Haematology and Blood Transfusion

1	Dr Isha Polavarappu, MD IHBT	Postgraduate Student Award ( Travel Fellowship ) at TRANSMEDCON 2019 "To encourage students to present their innovative work"	11 Jan 2020
---	------------------------------	---	-------------

### Neurology

1	Dr Sajja Lakshmi Manasa, Registrar	Second prize for platform presentation at 10th Annual conference of Karnataka Neurosciences Academy (KNAACON 2020)	12 Jan 2020
---	------------------------------------	--	-------------

### Ophthalmology

1	Sabin Srivastava, MBBS	First Prize- Ophthalmology case presentation "Anastomose - 2020 "	29 Feb 2020
---	------------------------	---	-------------

### Orthopaedics

Sl. No.	Name	Details	Date
1	Dr Raman Jindal, MS Orthopaedics	Best paper award for the paper entitled "Racial and ethnic differences in upper limb anthropometry and hand strength" at 44th Annual Conference of KOACON 2020 held at VIMS, Bellari	02 Feb 2020

Sl. No.	Name	Details	Date
2	Dr Abhijith Anil, MS Orthopaedics	Won the Quiz at "44th Annual Conference of KOACON 2020" held at VIMS, Bellari	02 Feb 2020
3	Dr Mohith T, MS Orthopaedics	4th prize in best paper award for the paper entitled "Clinico-radiological outcome of proximal third tibia fracture managed by suprapatellar nailing" at 44th Annual Conference of KOACON 2020 held at VIMS, Bellari	02 Feb 2020
4	Dr Naveen J, MS Orthopaedics	Won the Quiz at "44th Annual Conference of KOACON 2020" held at VIMS, Bellari	02 Feb 2020
5	Dr Venkat Vinay Atluri, MS Orthopaedics	Gold medal paper award - A Randomized control trial... The functional outcome in patients with post-operative hand stiffness mobilized by conventional hand therapy and a novel automated . . . Glove. At OASISCON 2020	27 Nov 2020

#### OTO Rhino Laryngology

1	Dr Tulasi Kota Karanth, MD Oto Rnino laryngology	Best Case presentation - KSEMA - OSCE WORKSHOP 2020: PG Teaching Programmed & 15th OSCE Workshop in Otorhinolaryngology - Head & Neck Surgery	26 Jan 2020
2	Dr Nikitha Perisamy, PG	Received medal at OSCE competition - CALMED ENT 2020	09 Feb 2020

#### Pathology

1	Dr Saraswathi, MD Pathology	1st place for Poster presentation Cytology CME on The overlooked aspects of Pathology	11 Feb 2020
---	--------------------------------	---	-------------

#### Psychiatry

1	Dr Rima Chandra Mohan, MD Psychiatry	Best Poster presentation "STEP 2020"	29 Feb 2020
2	Dr Swapnil Nigam, MD Psychiatry	Won second prize in paper presentation in Online international conference on recent advances in child psychiatry 2020	23 Jun 2020

#### Extra-Curricular Activities:

##### Sports Activities:

##### Inter Institution: Critical Care

Sl. No.	Event	Details	Date(s)
1	India Quiz organized by Inquizitors	Participants - Dr Sunil R, Dr Sirish Gauni. Held at Manipal College of Dental Science, Manipal	31 Jan 2020
2	Manipal Marathon 2020	Participants - Dr Sunil R, Dr Sagar, Dr Souvik, Dr Arjun, Dr Margi. Held at Manipal	09 Feb 2020

#### Neuro Surgery

Sl. No.	Event	Details	Date(s)
1	Manipal Marathon 2020	Participants - Dr Girish Menon, Dr Raghavendra Nayak, Dr Vinod Kumar, Dr Rajesh P Nair, Dr Ashwin Pai. Held at Manipal	09 Feb 2020
2	Manipal Marathon 2020	Participants: Registrars - Dr Sandesh O, Dr Kamlesh Singh, Dr T Vyjayanth, Dr Debish Anand, Dr Sanjeev R T. Held at Manipal	09 Feb 2020

## OTO Rhino Laryngology

1	ENT Football - IntraMAHE staff tournament.	Participants - Dr Kailesh Pujary. Held at Manipal	24 Jan 2020
2	Manipal Marathon 2020	Participants - Dr Kailesh Pujary, Dr Balakrishnan R, Dr Suresh Pillai, Dr Shama Shetty, Dr Neethu Mathew, Mr Seetharam Achar. Held at Manipal	09 Feb 2020

## Cultural Activities:

In Institution:

### Biochemistry

Sl. No.	Event	Details	Date(s)
1	VERVE-2020	Participants - Dr Krishnananda Prabhu, Dr Varashree B S, Dr Shobha U Kamath, Dr Padmanabha Udupa, Dr Revathi P Shenoy, Dr Ravindra Maradi, Dr Vinutha R Bhat, Samreen, Anupama. Held at KMC Greens, Manipal	02 Mar 2020
2	VERVE-2020	Participants - M Sc Students. Held at KMC Greens, Manipal	02 Mar 2020

## Outside University

### Paediatrics

Sl. No.	Event	Details	Date(s)
1	Yakshagana	Dr Suneel C Mundkur participated. The programme was held in Dubai	24 Jan 2020

## Photo Archive of Important events



On World Sanskrit day - Essay Competition – By Department of Immuno Haematology & Blood Transfusion held in August 2020 (6 Aug 2020)

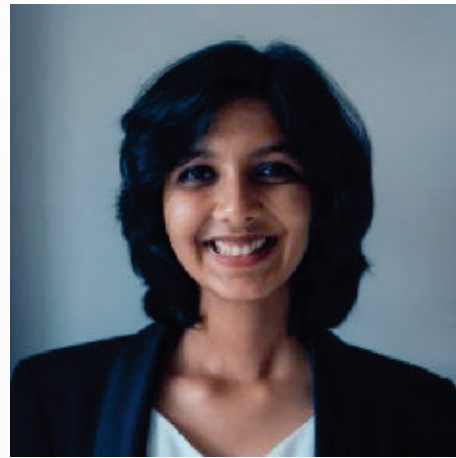


CAHO - Consortium of Accredited Healthcare Organization - Dr Suneel, Professor of Paediatrics, Kasturba Hospital has been nominated (14 Mar 2020)





UGC Jan Andolan Campaign on COVID-19 - By Department of Immuno Haematology & Blood Transfusion (13 Oct 2020)



Dr Poorvaprabha Patil, MBBS, been elected as "President of Medical Students' Association" of India. (5 Oct 2020)



Kasturba Hospital Manipal has installed PET CT in the Shirdi Sai Baba Cancer Hospital block. (22 Aug 2020)



Dr Nikitha Perisamy, Junior Resident of Otorhinolaryngology, Kasturba Medical College and Hospital, Manipal Academy of Higher Education, Manipal has bagged the best prize in the OSCE presentation at the CALMED ENT 2020 Workshop. The prize includes a certificate and a medal of honour. (09 Feb 2020)



Honouring of COVID-19 Warriors. Faculty of Dept of Critical Care (20 Nov 2020)

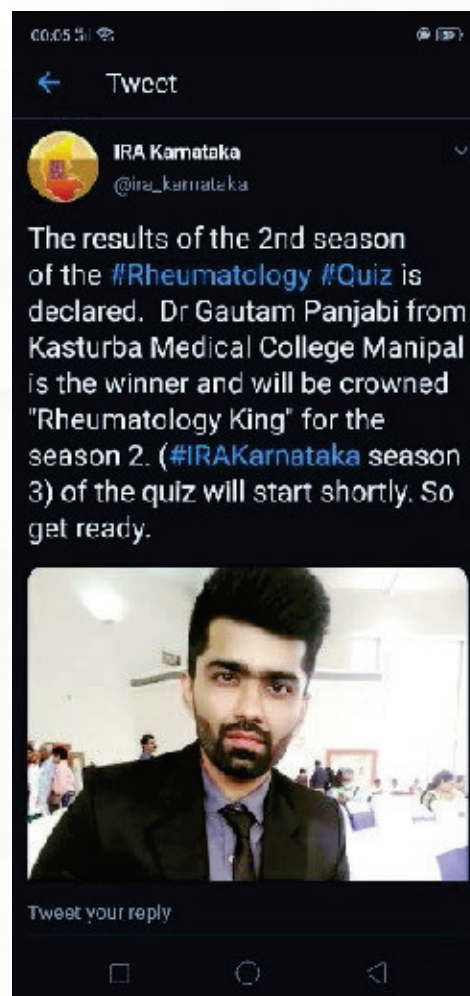


Dr Satish Kumar Adiga, Professor, Dept of Clinical Embryology was conferred the Young Achiever award by the parent body- Indian Society of Assisted Reproduction: at ISAR 2020, Hyderabad. (06 March 2020)





Dr Isha Polavarappu, Junior Resident of Immunohematology and Blood Transfusion was awarded the Postgraduate Student Award (Travel Fellowship) at the TRANSMEDCON 2020 held between 9-11 January 2020. The fellowship includes reimbursement of conference registration fee, travel and accommodation expenses.



Dr Gautam Panjabi, Junior Resident of General Medicine, has bagged the "Rheumatology king prize at IRA Karnataka season 2". (05 Sep 2020)