



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

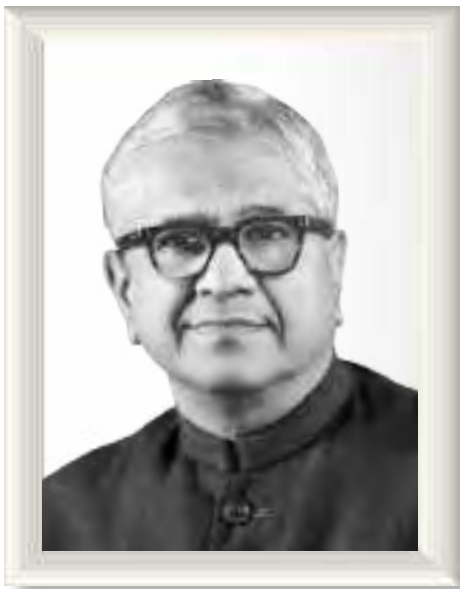


**PROSPECTUS**  
2022

[apply.manipal.edu](https://apply.manipal.edu)

[www.manipal.edu](https://www.manipal.edu)

# MANIPAL'S ILLUSTRIOUS FOUNDER



Manipal is a place born of one man's dream - Dr Tonse Madhav Ananth Pai. It is a testimony to the fact that no matter how big a dream, it can always turn into reality. The once barren hillock is now India's largest education township with more than 24 institutions of learning.

Manipal Academy of Higher Education is the result of the single-minded dedication of the founder Dr T M A Pai. It was his vision to see the bare hilltop of Manipal transformed into one of the premier centres of learning.

Manipal Academy of Higher Education was founded on one principle; one unshakeable belief - that it must make available the best of education to its students. The last six decades, have seen institutes at Manipal taking meticulous, small steps to build reservoirs of intellectual wealth and academic excellence.

In the process, Manipal Academy of Higher Education has created some of the country's best institutes across diverse streams like medicine, dentistry, engineering, pharmacy, hotel management and communication.

Each institution at Manipal Academy of Higher Education is geared to meet the same demanding standards to create great professionals and citizens by inspiring them in many ways.

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“ The wealth of education is something which you cannot exhaust by giving ”

Padma Shri awardee **Dr T M A Pai**



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## VISION

Global leadership in human development,  
excellence in education and healthcare

## MISSION

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

## VALUES

Integrity | Transparency | Quality | Team Work | Execution with passion | Humane touch



## GRIEVANCE REDRESSAL

### Institution of Ombudsman

The Manipal Academy of Higher Education has a robust Grievance Redressal Committee to cater to student grievances and allegations of unfair practices, if any. This committee mandatorily includes an Ombudsman. The members of the committee are nominated by the Chairperson of the committee depending on the type of grievance submitted.

The contact details of the Ombudsman are as follows:

Name:	Dr. P L N Rao
Designation:	Ombudsman, MAHE, Manipal
Landline:	0820 - 2570426

In case of any grievance, students can submit the same by going through this link

<https://sis.manipal.edu/studlogin.aspx>



## OUR ADMINISTRATORS

Our role as one of the finest, most admired and sought after educational institutes in the world, is as much to help you spread your wings and soar, as it is to give you strong roots that nourish, strengthen and support.



**Dr. Ramdas M Pai**  
President & Chancellor

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Manipal Academy of Higher Education as a Deemed to be University, has been providing a variety of educational and professional skill enhancement courses at undergraduate and postgraduate levels keeping in view the need to equip its students with knowledge which will enable them to be shaped as efficient professionals to face the global challenges with confidence. My best wishes to the youth entering the portals of this University



**Lt. Gen. Dr. M. D. Venkatesh**, VSM (Retd)  
Vice Chancellor

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Manipal Academy of Higher Education (MAHE) has made significant progress in its quest for excellence and global rankings. The recognition as an "Institution of Eminence" (IOE) by Ministry of Education, Government of India, has been a land mark achievement for MAHE. NIRF ranking of 8 and QS ranking in the band of 751-800 is a true testimony to the quality of education offered by MAHE.

Students seeking admission to MAHE face a stiff competition. Those who succeed to get admission to MAHE derive benefit of Innovative teaching - learning experience, high quality infrastructure and resources, highly accomplished faculty, multicultural atmosphere, excellent opportunity for experiential learning and excellent placement record. Overall MAHE provides a world class student experience for holistic development to excel in the chosen discipline of its students. All these attributes make MAHE a preferred destination for Higher Education.

My best wishes to all the applicants for the various programs offered by MAHE.



**Dr. P Giridhar Kini**  
Director, Admissions

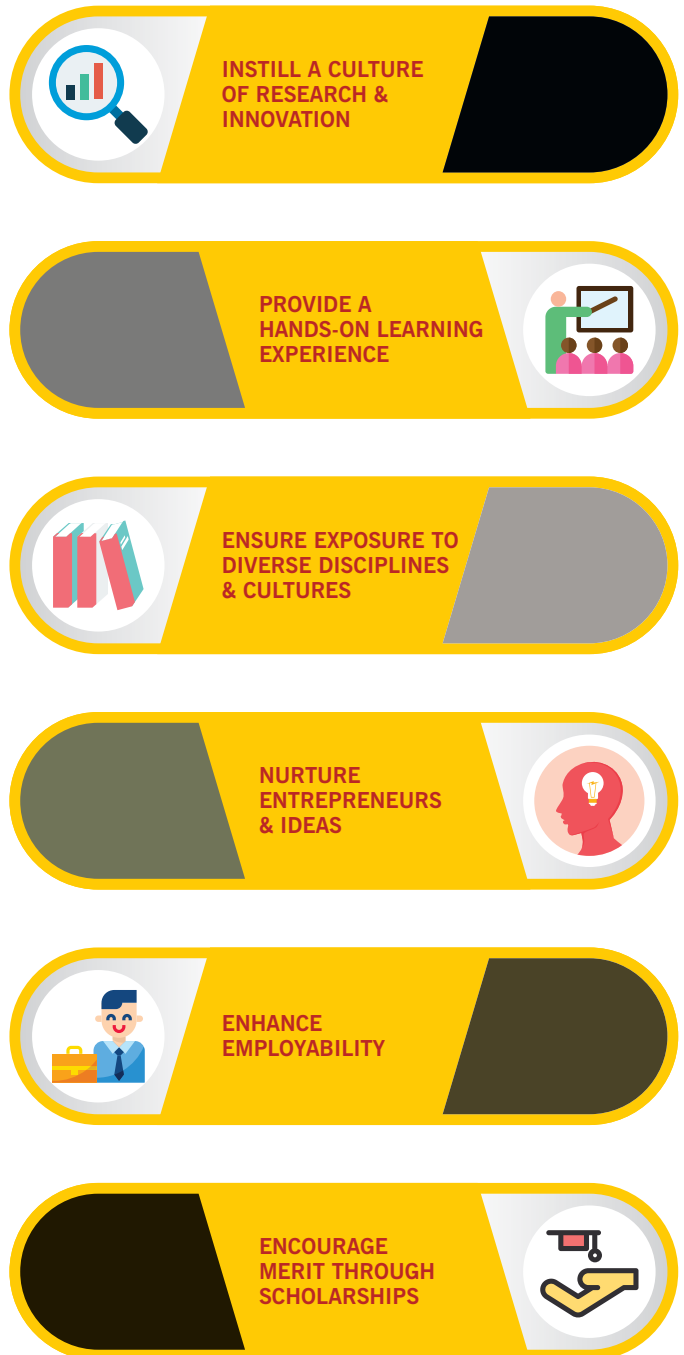
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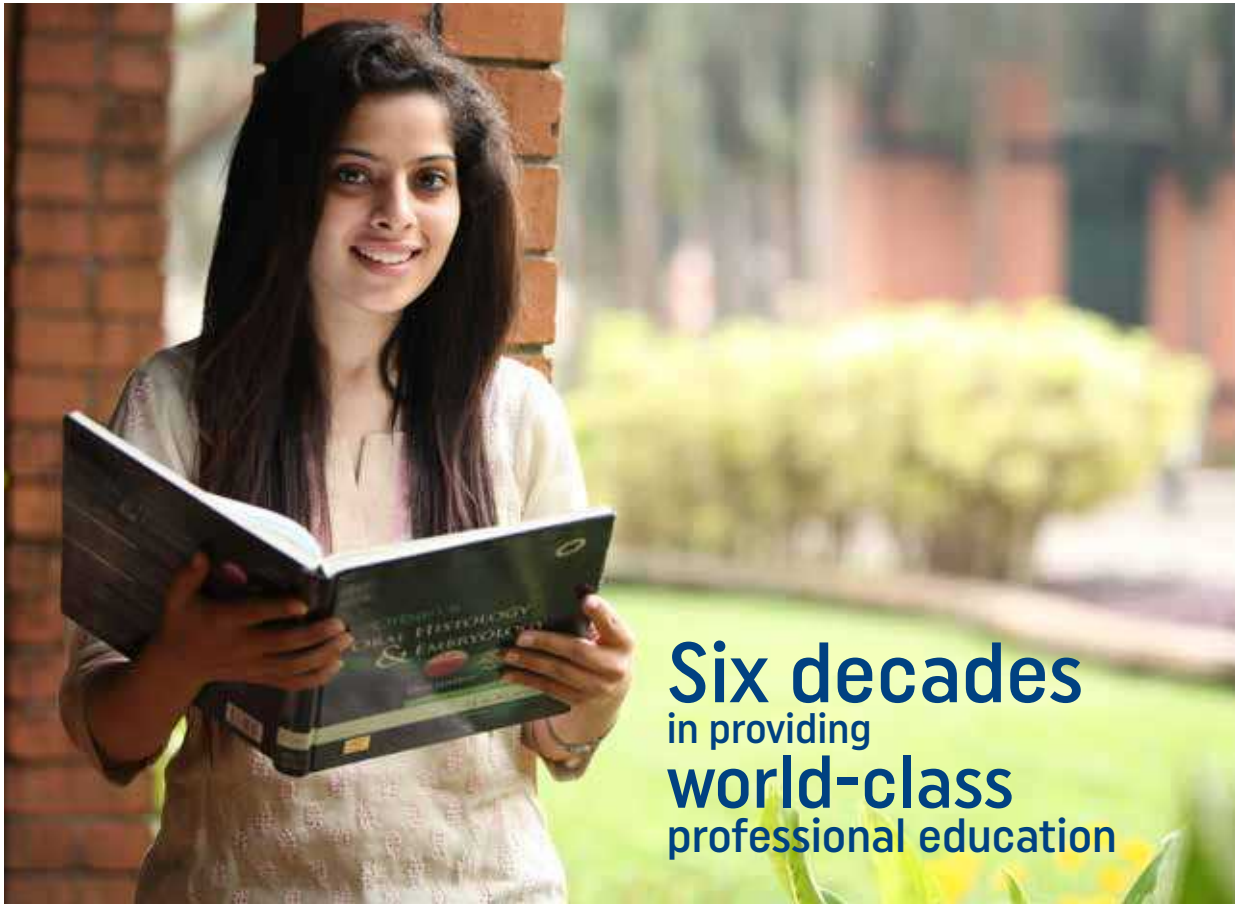
Manipal Academy of Higher Education (MAHE) focusses on quality professional education and holistic development of its students. The vision of our Founder, Padmashree Dr. TMA Pai in 1953 to transform the society through delivery of affordable quality education, has led to 30 institutions / departments under MAHE umbrella, with over 33,000 students across 23 diverse disciplines. All institutions / departments under MAHE, have made a name for itself in the education domain through its various student friendly processes and systems. MAHE is home to top ranked institutions, all ranking agencies have placed MAHE and its various institutions in top 10 amongst private institutions in Health Sciences, Technology & Management, Arts, Humanities & Liberal Arts domains. With the state-of-the-art academic infrastructure, world class sports facilities and student support services, MAHE provides an excellent inside & outside the classroom life. Our alumni have grown in their professional career and made a name for themselves, thus adding a lot a value to the Manipal campus experience. We look forward to you taking the first step in joining the Manipal family, in the program of your choice. Welcome to Manipal, a campus truly 'Inspired by Life'

# 6 Pillars of Inspired Learning

Manipal Academy of Higher Education is a pioneer of the 'Inspired Learning' approach to higher education. Its academic delivery model goes beyond classroom education to provide holistic learning experience for the students.

The University, through its innovative pedagogy, has created an ecosystem of teaching and research excellence that is based on the 6 pillars of Inspired Learning





**Six decades**  
in providing  
**world-class**  
professional education



## **RANKINGS**

Ranked 751-800 in the QS World University Ranking 2022 and No.1 in the country among Private Universities

Ranked no. 194 in the QS ASIA University Ranking 2022

Ranked No.1001-1200 in the Times Higher Education World University Ranking 2022

Ranked No. 351- 400 in the Times Higher Education Asia University Ranking 2022

Ranked No. 07 in All India University Ranking survey under UNIVERSITY category conducted by National Institutional Ranking Frame work (NIRF), MHRD, Govt. of India - 2021

India's Top Private University - Education World India Private University Ranking - 2021

Ranked 47th globally in Sub urban category and 137th in the overall category in UI Green metric world university rankings 2021



## RESEARCH



Associate with the Government Funding Agencies – like DST, DBT, ICMR, DRDO, ISRO etc. for promotion and sustenance of research grants.



Encourage strategic collaboration with international universities and organization of repute to enhance research outcome.



Ongoing research projects as on 31/03/2021:  
Indian research projects - 324; Foreign research projects - 102



Research finding are disseminated in high impact Scopus Indexed publications for the year 2020 - 2774



IPR detail is as below  
107 patent applications filed until Dec 2020  
Total of 27 Patents granted till date  
5 Technologies licensed/assigned until Dec 2020.



Institutes/Schools	Pg No
<b>Section 1</b>	
<b>Faculty of Health Sciences</b>	
• Kasturba Medical College (KMC), Manipal & Mangalore	18
• Centre for Integrative Medicine & Research (CIMR), Manipal	59
• Manipal College of Dental Sciences (MCODS), Manipal & Mangalore	64
• Manipal College of Pharmaceutical Sciences (MCOPS), Manipal	83
• Manipal College of Health Professions (MCHP), Manipal, Mangaluru & Bengaluru	91
• Manipal School of Life Sciences (MSLS), Manipal	116
• Manipal College of Nursing (MCON), Manipal	122
• Prasanna School of Public Health (PSPH), Manipal	127
• Manipal Institute of Virology (MIV), Manipal	130
• Manipal Tata Medical College (MTMC), Jamshedpur	142
<b>Faculty of Technology and Management</b>	
• Manipal Institute of Technology (MIT), Manipal	146
• Manipal School of Information Sciences (MSIS), Manipal	170
• Dept of Science (DSc), Manipal	176
• Manipal School of Architecture & Planning (MSAP), Manipal	181
• Department of Design (DOD), Manipal	190
• Department of Atomic & Molecular Physics (DAMP), Manipal	195
• Department of Commerce (DOC), Manipal	199
• Welcomgroup Graduate School of Hotel Administration (WGSHA), Manipal	211
• Manipal Centre for Natural Sciences (MCNS)	217
<b>Faculty of Humanities, Liberal Arts and Social Sciences</b>	
• Manipal Institute of Communication (MIC), Manipal	222
• Manipal Centre for Humanities (MCH), Manipal	228
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• Dept of Philosophy (DoP), Manipal	235
• Department of Geopolitics & International Relations (DGIR), Manipal	239
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## COURSES OFFERED

### Faculty of Health Sciences

#### Medicine:

#### Kasturba Medical College (KMC) Manipal

##### **Under Graduate (UG) - 1**

Bachelor of Medicine & Bachelor of Surgery (MBBS)

##### **Post Graduate (PG) - 34**

MD Anaesthesiology  
 MD Anatomy  
 MD Biochemistry  
 MD Community Medicine  
 MD Dermatology, Venereology and Leprosy  
 MD Emergency Medicine  
 MD Forensic Medicine  
 MD General Medicine  
 MD Hospital Administration  
 MD Immunohematology and Blood Transfusion  
 MD Microbiology  
 MD Paediatrics  
 MD Palliative Medicine  
 MD Pathology  
 MD Pharmacology  
 MD Physiology  
 MD Psychiatry  
 MD Radiation Oncology  
 MD Radio diagnosis  
 MD Respiratory Medicine  
 MS General Surgery  
 MS Obstetrics & Gynaecology  
 MS Ophthalmology  
 MS Orthopaedics  
 MS Oto–Rhino–Laryngology  
 M.Sc. (Medical) – Anatomy  
 M.Sc. (Medical) – Biochemistry  
 M.Sc. (Medical) – Microbiology  
 M.Sc. (Medical) – Pharmacology  
 M.Sc. (Medical) – Physiology  
 M.Sc. Clinical Embryology  
 M.Sc. Forensic Science  
 M.Sc. Genetic Counseling  
 M.Sc. Reproductive and Developmental Biology

##### **Post Master's - 1**

M.Phil. Psychiatric Social Work

##### **Super Speciality (SS) - 16**

DM Cardiology  
 DM Critical Care Medicine  
 DM Gastroenterology  
 DM Infectious Disease  
 DM Medical Genetics  
 DM Medical Oncology  
 DM Nephrology  
 DM Neurology  
 MCh Cardiothoracic Surgery  
 MCh Hand Surgery  
 MCh Neuro Surgery  
 MCh Paediatric Orthopedics  
 MCh Paediatric Surgery  
 MCh Plastic & Reconstructive Surgery  
 MCh Reproductive Medicine & Surgery  
 MCh Urology

##### **Fellowship - 13**

Fellowship in Advanced Obstetric Ultra sound  
 Fellowship in Diabetes  
 Fellowship in Fetal Medicine  
 Fellowship in Gynaecologic Oncology  
 Fellowship in Neonatology  
 Fellowship in Neuroanaesthesia  
 Fellowship in Oncopathology  
 Fellowship in Oncosurgery  
 Fellowship in Paediatric Anaesthesia  
 Fellowship in Skull Base and Head & Neck Surgery Course

##### **Integrative Medicine:**

#### **Centre for Integrative Medicine & Research (CIMR) Manipal**

##### **Post Graduate (PG) – 1**

M.Sc. Yoga Therapy

##### **Certificate – 1**

Certificate course in Panchakarma Technician and Massage Therapist

##### **Post Graduate (PG) Certificate – 1**

PG Certificate in Panchakarma

**Medicine, Allied Health:**

**Kasturba Medical College (KMC) Mangalore**

**Under Graduate (UG) - 8**

Bachelor of Medicine & Bachelor of Surgery (MBBS)  
 Bachelor in Audiology & Speech Language Pathology (B.ASLP)

Bachelor of Physiotherapy (BPT)  
 B.Sc. Cardiovascular Technology  
 B.Sc. Medical Imaging Technology  
 B.Sc. Radiotherapy Technology  
 B.Sc. Renal Replacement Therapy and Dialysis Technology  
 B.Sc. Respiratory Therapy

**Post Graduate (PG) - 35**

MD Anaesthesiology  
 MD Anatomy  
 MD Biochemistry  
 MD Community Medicine  
 MD Dermatology, Venereology & Leprosy  
 MD General Medicine  
 MD Microbiology  
 MD Paediatrics  
 MD Pathology  
 MD Pharmacology  
 MD Physiology  
 MD Psychiatry  
 MD Radiation Oncology  
 MD Radio Diagnosis  
 MD Respiratory Medicine  
 MS General Surgery  
 MS Obstetrics & Gynaecology  
 MS Ophthalmology  
 MS Orthopaedics  
 MS Oto-Rhino-Laryngology  
 Master of Physiotherapy (Cardiopulmonary Sciences)  
 Master of Physiotherapy (Community Physiotherapy)  
 Master of Physiotherapy (Geriatrics)  
 Master of Physiotherapy (Musculoskeletal Sciences)  
 Master of Physiotherapy (Neurosciences)  
 Master of Physiotherapy (Obstetrics & Gynaecology)  
 Master of Physiotherapy (Paediatrics)  
 M.Sc. (Medical) – Anatomy  
 M.Sc. (Medical) – Biochemistry  
 M.Sc. (Medical) – Microbiology

M.Sc. (Medical) – Pharmacology  
 M.Sc. (Medical) – Physiology  
 M.Sc. Audiology  
 M.Sc. Clinical Psychology  
 M.Sc. Speech Language Pathology

**Fellowship - 5**

Fellowship in Geriatrics  
 Fellowship in Head and Neck Oncology  
 Fellowship in Infectious Diseases  
 Fellowship in Interventional Radiology  
 Fellowship in Paediatric Haematology and Oncology

**Medicine, Allied Health:**

**Manipal TATA Medical College Jamshedpur**

**Under Graduate (UG) - 8**

Bachelor of Medicine & Bachelor of Surgery (MBBS)  
 Bachelor of Optometry (B. Optom)  
 B.Sc. Cardiovascular Technology  
 B.Sc. Exercise and Sports Sciences  
 B.Sc. Health Information Management  
 B.Sc. Medical Imaging Technology  
 B.Sc. Medical Laboratory Technology  
 B.Sc. Renal Replacement Therapy & Dialysis Technology

**Dentistry:**

**Manipal College of Dental Sciences (MCOADS) Manipal**

**Under Graduate (UG) - 1**

Bachelor of Dental Surgery (BDS)

**Post Graduate (PG) - 9**

MDS Conservative Dentistry and Endodontics  
 MDS Oral & Maxillofacial Pathology and Oral Microbiology  
 MDS Oral and Maxillofacial Surgery  
 MDS Oral Medicine and Radiology  
 MDS Orthodontics and Dentofacial Orthopaedics  
 MDS Paediatric and Preventive Dentistry  
 MDS Periodontology  
 MDS Prosthodontics and Crown & Bridge  
 MDS Public Health Dentistry

**Post Graduate (PG) Certificate - 3**

PG Certificate Course in Aesthetic Dentistry  
 PG Certificate Course in Laser Dentistry  
 PG Certificate Course in Oral Implantology



**Dentistry:**

**Manipal College of Dental Sciences (MCO DS)  
Mangaluru**

**Under Graduate (UG) - 1**

Bachelor of Dental Surgery (BDS)

**Post Graduate (PG) - 9**

- MDS Conservative Dentistry and Endodontics
- MDS Oral & Maxillofacial Pathology and Oral Microbiology
- MDS Oral and Maxillofacial Surgery
- MDS Oral Medicine and Radiology
- MDS Orthodontics and Dentofacial Orthopaedics
- MDS Paediatric and Preventive Dentistry
- MDS Periodontology
- MDS Prosthodontics and Crown & Bridge
- MDS Public Health Dentistry

**Certificate - 1**

Certificate Course in Forensic Odontology

**Fellowship - 1**

Fellowship in Restorative Dentistry

**Pharmacy:**

**Manipal College of Pharmaceutical Sciences  
(MCOPS) Manipal**

**Diploma - 1**

Diploma in Pharmacy (DPharm)

**Under Graduate (UG) - 2**

- Bachelor of Pharmacy (BPharm)
- Doctor of Pharmacy (PharmD)

**Lateral Entry (LE) Admissions - 1**

Bachelor of Pharmacy (BPharm)

**Post Graduate (PG) - 12**

- MPharm Industrial Pharmacy
- MPharm Pharmaceutical Administration
- MPharm Pharmaceutical Analysis
- MPharm Pharmaceutical Biotechnology
- MPharm Pharmaceutical Chemistry
- MPharm Pharmaceutical Quality Assurance
- MPharm Pharmaceutical Regulatory Affairs
- MPharm Pharmaceutics
- MPharm Pharmacognosy
- MPharm Pharmacology
- MPharm Pharmacy Practice
- Doctor of Pharmacy (PharmD) Post Bacalaureate

**Allied Health:**

**Manipal College of Health Professions (MCHP),  
Manipal**

**Under Graduate (UG) - 20**

- B.Sc. Anaesthesia & Operation Theatre Technology
- B.Sc. Cardiovascular Technology
- B.Sc. Clinical Nutrition & Dietetics
- B.Sc. Emergency Medicine Technology
- B.Sc. Exercise and Sports Sciences
- B.Sc. Health Information Management
- B.Sc. Medical Imaging Technology
- B.Sc. Medical Laboratory Technology
- B.Sc. Nuclear Medicine Technology
- B.Sc. Perfusion Technology
- B.Sc. Physician Assistant
- B.Sc. Psychology
- B.Sc. Radiotherapy Technology
- B.Sc. Renal Replacement Therapy & Dialysis Technology
- B.Sc. Respiratory Therapy
- Bachelor in Audiology & Speech Language Pathology (B.ASLP)
- Bachelor of Occupational Therapy (BOT)
- Bachelor of Optometry (B. Optom)
- Bachelor of Physiotherapy (BPT)
- Bachelor of Prosthetics & Orthotics

**Honors - 2**

- B.Sc. (Hons) Exercise and Sports Sciences
- B.Sc. (Hons) Psychology

**Lateral Entry (LE) Admissions - 5**

- B.Sc. Anaesthesia & Operation Theatre Technology
- B.Sc. Emergency Medicine Technology
- B.Sc. Medical Imaging Technology
- B.Sc. Medical Laboratory Technology
- B.Sc. Respiratory Therapy

**Post Graduate (PG) - 33**

- M.Sc. Anaesthesia & Operation Theatre Technology
- M.Sc. Audiology
- M.Sc. Cardiac Catheterization & Intervention Technology
- M.Sc. Clinical Psychology
- M.Sc. Echocardiography
- M.Sc. Emergency Medical Technology
- M.Sc. Exercise & Sports Sciences
- M.Sc. Health Informatics (Healthcare IT Management)
- M.Sc. Health Information Management
- M.Sc. Medical Imaging Technology

M.Sc. Medical Laboratory Technology (Clinical Biochemistry)  
 M.Sc. Medical Laboratory Technology (Haematology & Immunohaematology)  
 M.Sc. Medical Laboratory Technology (Microbiology & Immunology)  
 M.Sc. Medical Laboratory Technology (Public Health Laboratory Science)  
 M.Sc. Medical Radiation Physics  
 M.Sc. Nuclear Medicine Technology  
 M.Sc. Perfusion Technology  
 M.Sc. Renal Replacement Therapy & Dialysis Technology  
 M.Sc. Respiratory Therapy (Adult Respiratory Care)  
 M.Sc. Respiratory Therapy (Neonatal and Paediatric Respiratory Care)  
 M.Sc. Speech Language Pathology  
 Master of Occupational Therapy (Developmental Disabilities)  
 Master of Occupational Therapy (Hand & Musculoskeletal Conditions)  
 Master of Occupational Therapy (Mental Health & Psychosocial Rehabilitation)  
 Master of Occupational Therapy (Neuro Rehabilitation)  
 Master of Optometry (M. Optom)  
 Master of Physiotherapy (Cardiopulmonary Sciences)  
 Master of Physiotherapy (Community Physiotherapy)  
 Master of Physiotherapy (Geriatrics)  
 Master of Physiotherapy (Musculoskeletal Sciences)  
 Master of Physiotherapy (Neurosciences)  
 Master of Physiotherapy (Obstetrics & Gynaecology)  
 Master of Physiotherapy (Paediatrics)  
**Post Master's - 1**  
 M.Phil Clinical Psychology

**Allied Health:**

**MHS, Bengaluru**

**Post Graduate (PG) - 12**

Master of Physiotherapy (Cardiopulmonary Sciences)  
 Master of Physiotherapy (Musculoskeletal Sciences)  
 Master of Physiotherapy (Neurosciences)  
 Master of Physiotherapy (Paediatrics)  
 M.Sc. (MLT) (Clinical Biochemistry)  
 M.Sc. (MLT) (Haematology & Immunohaematology)  
 M.Sc. (MLT) (Microbiology & Immunology)  
 M.Sc. Cardiac Catheterization & Intervention Technology  
 M.Sc. Clinical Psychology

M.Sc. Echocardiography  
 M.Sc. Medical Imaging Technology  
 M.Sc. Renal Replacement Therapy & Dialysis Technology

**Life Science:**

**Manipal School of Life Sciences (MSLS) Manipal**

**Under Graduate (UG) - 1**

B.Sc. Biotechnology

**Honors - 1**

B.Sc. (Hons) Biotechnology

**Post Graduate (PG) - 7**

M.Sc. Bioinformatics  
 M.Sc. by Research in Life Science  
 M.Sc. Genome Engineering  
 M.Sc. Medical Biotechnology  
 M.Sc. Molecular Biology & Human Genetics  
 M.Sc. Systems Biology  
 M.Sc. Tissue Engineering & Bioprinting  
**Post Graduate (PG) Diploma - 1**  
 PG Diploma in Cellular and Molecular Diagnostics

**Nursing:**

**Manipal College of Nursing (MCON) Manipal**

**Under Graduate (UG) - 2**

B.Sc. Nursing  
 Post Basic B.Sc. in Nursing

**Post Graduate (PG) - 6**

M.Sc. Child Health (Paediatric) Nursing  
 M.Sc. Community Health Nursing  
 M.Sc. Medical Surgical Nursing  
 M.Sc. Obstetrics & Gynaecology Nursing  
 M.Sc. Psychiatric (Mental Health) Nursing  
 Nurse Practitioner Critical Care Postgraduate Residency Programme

**Public Health:**

**Prasanna School of Public Health (PSPH) Manipal**

**Post Graduate (PG) - 12**

Master of Hospital Administration (MHA)  
 Master of Public Health (MPH) Environment and Occupational Health  
 Master of Public Health (MPH) Epidemiology  
 Master of Public Health (MPH) Global Health  
 Master of Public Health (MPH) Health Policy  
 Master of Public Health (MPH) Maternal & Child Health  
 Master of Social Works (MSW) Community Development

Master of Social Works (MSW) Human Resource Management and Industrial Relations  
 Master of Social Works (MSW) Medical and Psychiatric Social Work  
 M.Sc. Biostatistics  
 M.Sc. Data Science  
 M.Sc. Digital Epidemiology  
**Certificate - 1**  
 Leadership in Public Health

**Virology:**  
**Manipal Institute of Virology (MIV), Manipal**  
**Post Graduate (PG) - 1**  
 M.Sc. Clinical Virology

**Regenerative Medicine:**  
**Manipal Institute of Regenerative Medicine (MIRM), Bengaluru**  
**Post Graduate (PG) - 1**  
 M.Sc. Stem Cell Technology and Regenerative Biology  
**Post Master's - 1**  
 M.Phil Stem Cell and Regenerative Biology  
**Advanced Post Graduate (PG) Diploma - 1**  
 Advanced Post Graduate Diploma in Stem Cell and Regenerative Biology

**Biotherapeutics:**  
**Manipal Centre for Biotherapeutics research (MCBR), Manipal**  
**Post Graduate (PG) - 1**  
 M.Sc. by Research in Biotherapeutics

**Faculty of Science, Technology & Management Engineering:**  
**Manipal Institute of Technology (MIT), Manipal**  
**Under Graduate (UG) - 18**  
 B.Tech Aeronautical Engineering  
 B.Tech Automobile Engineering  
 B.Tech Biomedical Engineering  
 B.Tech Biotechnology  
 B.Tech Chemical Engineering  
 B.Tech Civil Engineering  
 B.Tech Computer & Communication Engineering  
 B.Tech Computer Science & Engineering  
 B.Tech Computer Science & Engineering (Artificial Intelligence & Machine Learning)  
 B. Tech Cyber Physical Systems

B.Tech Data Science & Engineering  
 B.Tech Electrical & Electronics Engineering  
 B.Tech Electronics & Communication Engineering  
 B.Tech Electronics and Instrumentation Engineering  
 B.Tech Industrial Engineering  
 B.Tech Information Technology  
 B.Tech Mechanical Engineering  
 B.Tech Mechatronics

**Integrated Program – 1**  
 Integrated M.Sc. (Mathematics and Computing)

**Honors - 18**  
 All B. Tech Programs

**Lateral Entry (LE) Admissions - 18**  
 All B. Tech Programs

**Post Graduate (PG)–30**  
 M.Tech Applied Computational Fluid Dynamics  
 M.Tech Automobile Engineering  
 M.Tech Avionics  
 M.Tech Biomedical Engineering  
 M.Tech Chemical Engineering  
 M.Tech Computer Aided Analysis and Design  
 M.Tech Computer Networking and Engineering  
 M.Tech Computer Science & Engineering  
 M.Tech Computer Science & Information Security  
 M.Tech Construction Engineering & Management  
 M.Tech Data Science  
 M.Tech Defence Technology  
 M.Tech Digital Electronics and Communication Engineering  
 M.Tech Electric Vehicle Technology  
 M.Tech Embedded Control and Automation  
 M.Tech Engineering Management  
 M.Tech Environmental Engineering  
 M.Tech Industrial Automation and Robotics  
 M.Tech Industrial Biotechnology  
 M.Tech Internet of Things  
 M.Tech Machine Intelligence and Decision Sciences  
 M.Tech Manufacturing Engineering & Technology  
 M.Tech Medical Informatics  
 M.Tech Microelectronics  
 M.Tech Power Electronics and Drives  
 M.Tech Software Engineering  
 M.Tech Structural Engineering  
 M.Tech Thermal Sciences and Energy Systems  
 M.Tech Wireless and Mobile Communications  
 Master of Computer Applications (MCA)

**Engineering:**

**Manipal Institute of Technology (MIT), Bengaluru**

**Under Graduate (UG) - 5**

- B. Tech Computer Science & Engineering
- B. Tech Computer Science & Engineering (Artificial Intelligence)
- B. Tech Computer Science & Engineering (Cyber Security)
- B. Tech Electronics & Communication Engineering
- B. Tech Information Technology

**Honors - 5**

All B. Tech Programs

**Lateral Entry (LE) Admissions - 5**

All B. Tech Programs

**Information Science:**

**Manipal School of Information Sciences (MSIS), Manipal**

**Post Graduate (PG) - 5**

- M.E Artificial Intelligence & Machine Learning
- M.E Big Data Analytics
- M.E Cloud Computing
- M.E Embedded Systems
- M.E VLSI Design

**Advanced Sciences:**

**Dept of Science (DSC), Manipal**

**Post Graduate (PG) - 4**

- M.Sc. Applied Mathematics & Computing
- M.Sc. Chemistry
- M.Sc. Geology
- M.Sc. Physics

**Architecture:**

**Manipal School of Architecture & Planning (MSAP), Manipal**

**Under Graduate (UG) - 1**

Bachelor of Architecture (B.Arch)

**Post Graduate (PG) - 2**

- M.Arch Urban Design & Development
- M.Des Sustainable Design

**Design:**

**Dept of Design (DOD)**

**Under Graduate (UG) - 2**

- B.Des Fashion Design
- B.Des Interior Design

**Lateral Entry (LE) Admissions - 2**

- B.Des Fashion Design
- B.Des Interior Design

**Post Graduate (PG) - 2**

- MA Fashion Management
- M.Des Interior Design

**Certificate - 1**

Certificate in Fashion Design (CFD)

**Management:**

**TA Pai Management Institute (TAPMI), Manipal**

**Post Graduate (PG) - 4**

- MBA
- MBA Banking and Financial Services
- MBA Human Resource Management
- MBA Marketing

**Commerce & Economics:**

**Dept of Commerce (DOC), Manipal**

**Under Graduate (UG) - 12**

- BBA Banking
- BBA Business Analytics
- BBA Economic Studies
- BBA Family Business Management
- BBA Financial Markets
- BBA Human Resources Management
- BBA Insurance
- BBA Logistics & Supply Chain Management
- BBA Marketing
- BBA Professional
- B.Com Business Process Services
- B.Com Professional

**Honors - 12**

- All BBA Programs
- All B.Com Programs

**Post Graduate (PG) - 7**

- M.Com Banking Technology
- M.Com Logistics & Supply Chain
- M.Com Professional
- M.Sc. Business Analytics
- M.Sc. Financial Economics
- M.Sc. Health Economics
- MA Digital & Creative Marketing

**Post Graduate (PG) Diploma - 1**

PG Diploma in Logistics & Supply Chain



**Atomic & Molecular Physics:**  
**Dept of Atomic & Molecular Physics (DAMP),**  
**Manipal**

**Post Graduate (PG) - 2**

M.Sc. Nanoscience and Technology  
 M.Sc. Photonics

**Hotel Management & Culinary Arts:**  
**Welcomgroup Graduate School of Hotel**  
**Administration (WGSHA), Manipal**

**Under Graduate (UG) - 2**

Bachelor of Hotel Management (BHM)  
 BA Culinary Arts

**Post Graduate (PG) - 3**

M.Sc. Dietetics & Applied Nutrition  
 MA Indian Cuisine and Food Culture  
 Master of Hospitality Management (MHM)

**Natural Sciences:**  
**Manipal Centre for Natural Sciences (MCNS),**  
**Manipal**

**Integrated Program - 1**

Integrated M.Sc. - PhD

**Art & Design:**  
**Srishti Manipal Institute of Art, Design &**  
**Technology (SMI), Bengaluru**

**Under Graduate (UG) - 19**

Bachelor of Design (B.Des) Business Services and System Design  
 Bachelor of Design (B.Des) Creative and Applied Computation  
 Bachelor of Design (B.Des) Creative Education  
 Bachelor of Design (B.Des) Human Centered Design  
 Bachelor of Design (B.Des) Industrial Arts and Design Practices  
 Bachelor of Design (B.Des) Information Arts and Information Design Practices  
 Bachelor of Design (B.Des) Public Space Design  
 Bachelor of Design (B.Des) Visual Communication and Strategic Branding  
 Bachelor of Fine Arts (BFA) Contemporary Art Practice  
 Bachelor of Fine Arts (BFA) Creative Writing  
 Bachelor of Fine Arts (BFA) Digital Media Arts  
 Bachelor of Fine Arts (BFA) Film  
 Bachelor of Vocation (B.Voc) Creative Coding  
 Bachelor of Vocation (B.Voc) Creative Manufacturing, with

2 pathways: Products & Accessories; Textiles, Apparel & Made-ups  
 Bachelor of Vocation (B.Voc) Digital Filmmaking with 2 pathways: Cinematography, Direction & Editing  
 Bachelor of Vocation (B.Voc) Digital Media Production, with 2 pathways: Animation, Visual Effects  
 Bachelor of Vocation (B.Voc) Graphic Arts & Design Practices, with 2 pathways: Graphic Design, Illustration  
 Bachelor of Vocation (B.Voc) Interior Design and Build  
 Bachelor of Vocation (B.Voc) User Interface and Interaction Engineering

**Post Graduate (PG) - 21**

Master of Arts (MA) Animation  
 Master of Arts (MA) Curatorial Practices  
 Master of Arts (MA) Design Education  
 Master of Arts (MA) Documentary Film  
 Master of Arts (MA) Entrepreneurship for Impact  
 Master of Arts (MA) Environment and Society  
 Master of Arts (MA) Experience Design  
 Master of Arts (MA) Professional Practices, with 4 pathways: Design in Education, Entrepreneurship for Impact, Oral History, Public Pedagogy & Art Practice  
 Master of Arts (MA) Public History  
 Master of Arts (MA) Technology and Change  
 Master of Arts (MA) Visual Communication  
 Master of Design (M.Des) Design Computation  
 Master of Design (M.Des) Design-Led Innovation  
 Master of Design (M.Des) Earth Education and Communication  
 Master of Design (M.Des) Heritage Design, Planning and Management  
 Master of Design (M.Des) Human Centered Design  
 Master of Design (M.Des) Industrial Arts and Design Practices  
 Master of Design (M.Des) Information Arts and Information Design Practices  
 Master of Design (M.Des) Public Space Design  
 Master of Fine Arts (MFA) Contemporary Art Practice  
 Master of Planning (M.Plan) Urban Design, Sustainability and Conservation  
**Post Graduate (PG) Diploma - 11**  
 Bridge: PGDP in Contemporary Art Practice  
 Bridge: PGDP in Design Computation  
 Bridge: PGDP in Earth Education and Communication  
 Bridge: PGDP in Industrial Arts and Design Practices  
 Bridge: PGDP in Information Arts and Information Design Practices

Bridge: PGDP in Public Space Design  
Finish: PGDP in Animation  
Finish: PGDP in Design in Education  
Finish: PGDP in Documentary Film  
Finish: PGDP in Entrepreneurship for Impact  
Finish: PGDP in Experience Design

**Integrated Programs - 3**

Integrated MA – Ph.D in Critical Design Discourse  
Integrated MA – Ph.D in Post Development Studies  
Integrated M.Des – Ph.D in Reimagining Transitions

**Management:**

**Manipal Centre for Business Practice (MCBP),  
Bengaluru**

**Under Graduate (UG) - 1**

BA Data Sciences

**Integrated Program (IP) - 1**

Integrated Program in Management (IPM)

**PG P – 2**

PGP in Analytical Consulting  
PGP in General Management

**Faculty of Humanities, Liberal Arts & Social  
Sciences**

**Media & Communication:**

**Manipal Institute of Communication (MIC),  
Manipal**

**Under Graduate (UG) - 3**

BA Media and Communication  
B.Sc. Animation  
B.Voc Graphics & Digital Media

**Honors - 1**

BA (Hons) Media and Communication

**Post Graduate (PG) - 2**

MA Film Art & Film Making  
MA Media & Communication

**Post Graduate (PG) Diploma - 3**

PG Diploma in Corporate Communication  
PG Diploma in Sports Communication  
PG Diploma in Health Communication

**Certificate Programs - 1**

Certificate Course in Animation Technology

**Humanities:**

**Manipal Centre for Humanities (MCH), Manipal**

**Under Graduate (UG) - 1**

BA Humanities

**Post Graduate (PG) - 3**

MA English  
MA Sociology  
MA History

**European Studies:**

**Manipal Centre for European Studies (MCES),  
Manipal**

**Post Graduate (PG) - 1**

MA European Studies

**Philosophy:**

**Dept of Philosophy (DPH), Manipal**

**Post Graduate (PG) - 2**

MA Indian Philosophy  
MA (Sanskrit Studies)

**Post Graduate (PG) Diploma - 2**

PG Diploma in Indian Philosophy  
PG Diploma in Sanskrit Studies

**Languages:**

**Dept of Languages (DLG), Manipal**

**Under Graduate (UG) - 1**

BA Foreign Languages and Intercultural Studies

**Geopolitics:**

**Dept of Geopolitics & International Relations  
(DGIR), Manipal**

**Post Graduate (PG) - 1**

MA Geopolitics and International Relations

**Philosophical Arts:**

**Gandhian Centre for Philosophical Arts &  
Sciences (GCPAS), Manipal**

**Under Graduate (UG) - 1**

BA Aesthetics and Peace Studies

**Honors - 1**

BA (Hons) Aesthetics and Peace Studies

**Post Graduate (PG) - 2**

MA Ecosophical Aesthetics  
MA Art and Peace Studies

**Library Science:**

**Dept of Library & Information Science (DLIS),  
Manipal**

**Post Graduate (PG) - 1**

Master of Library and Information Sciences (M.Lib.I.Sc.)

# FACULTY OF HEALTH SCIENCES



# KASTURBA MEDICAL COLLEGE [KMC]

One of the best destinations in South Asia with the finest learning environment and ecosystem that enables the students to become outstanding medical professionals





## Ranking 2021

<p><b>#1</b></p> <p>Ranked 1st among the Private Medical Universities in India Source: Outlook 2021 ICARE Rankings</p>	<p><b>#2</b></p> <p>Ranked 2nd among the Private Medical Colleges in India Source: India Today Magazine, 2021</p>	<p><b>#2</b></p> <p>Ranked 2nd among the Private Medical Colleges in India Source: The Week Magazine, 2021</p>
<p><b>#2</b></p> <p>Ranked 2nd among the Top Medical Colleges in India 2021 Source: Careers 360</p>	<p><b>#10</b></p> <p>Ranked 10th among the Medical Colleges in India Source: NIRF, 2021</p>	<p><b>#351-400</b></p> <p>Source: QS World University Rankings by Subject, 2021</p>

## Campuses

### Manipal Campus

Kasturba Medical College (KMC), Manipal was established in 1953 as the first self-financing medical college in the country. It celebrated its diamond jubilee in the year 2013. The College consistently ranks amongst the top ten medical colleges in the country. KMC, Manipal offers undergraduate, postgraduate, super speciality, integrated PhD and Fellowship programmes in various medical disciplines. Students from over 50 English speaking countries graduate from the college every year and its degrees are recognized worldwide.

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. KMC Manipal is recognized by the National Medical Council (NMC)/ the erstwhile Medical Council of India (MCI).

The institute has strong linkages with national and international universities. Students from UK, Ireland, USA, New Zealand, Kenya, The Netherlands and Malaysia are opting for their elective postings at KMC, Manipal. Students from KMC, Manipal are pursuing electives in several top universities of international countries.

### Recognitions/Accreditations

- Recognized by National Medical Commission of India
- National Institutional Ranking Framework, Ministry of Human Resource Development, Government of India has ranked KMC, Manipal as 10th best medical school in India in the year 2021.
- National Assessment and accreditation Council (NAAC) has accredited Manipal Academy of Higher Education of which KMC, Manipal is a constituent unit.
- Global Education in Medicine Exchange (GEMx), an ECFMG initiative: It is a global partnership for exchange in Medical education that connects medical schools and students around the world.
- Partner medical school for visiting students' application services (VSAS), an initiative of Association of American Medical Colleges (AAMC)
- Only medical college in the country to be recognized by the American New York State education department (NYSED) which gives unrestricted allowance on the duration of clerkship / elective experience for KMC, Manipal students seeking long-term clinical clerkship placements in the state of New York.
- Certified for ISO 9001:2015 and EMS 14001:2015 standards

### Infrastructure Highlights

#### Classes

KMC, Manipal boasts of an entire block of air-conditioned class rooms 'INTERACT' which are fully equipped with Wi-Fi and state-of-the-art audio-visual system along with live video capturing system 'IMPARTUS'. The attendance is captured through biometrics. Didactic lectures are recorded and posted for students' reference. Micro-soft Teams based E - learning management portal assists students in accessing the class presentations, participate in online quiz, submit self-directed and case based learning assignments and connect with their teachers personally. Objective Structured Practical / Clinical Examination for assessment along with use of Exam Pad (Paper Less) for written exams has been widely lauded by students.

#### Museum

The Museum of Anatomy and Pathology (MAP), at Manipal houses over 3000 well-preserved specimens of the human body from head to toe. A section on comparative anatomy houses the skeletons of various other animals, and carefully crafted models and charts augment the entire experience. The Pathology Museum, which displays diseased body parts and organs, has a popular section on life-style related diseases, and their impact on the human body.

### Libraries

KMC, Manipal Health Sciences Library is one of the largest libraries in Asia for an educational institution. It is spread over 1.5 lakh sq. meters spanning on five levels and has the capacity to accommodate 1300 students at a time. The Health Science Library provides services like e-Learning, Reference Service, Current Awareness Service, Audio-Video Viewing, Internet Access Wi-Fi and DELNET Online and more.

The library is centrally air conditioned and well structured with separate book sections with open access for undergraduate and postgraduates. Separate sections are maintained for the current periodicals, the back volumes and also for group studies around 68,000 books, and 43,000 bound volumes of journals. The library also has around 8,000 postgraduate thesis and Ph. D dissertation titles for reference.

The library subscribes to 10 online databases such as Up-to-date, ClinicalKey, Scopus, Web of Science, CINAHL Complete, Access Pediatrics, AdisInsight, Access Medicine, ClinicalKey, ClinicalKey Student, DynaMed Plus etc. The library is fully automated with library software. The library aims to acquire Health Sciences Information and provide timely, accurate and current information and documents to its users for their teaching, research and academic achievements.

### Sports facilities

KMC, Manipal provides state-of-the-art facilities with playgrounds, an Indoor Stadium, outdoor courts as well as various sporting activities

The outdoor sports facilities include two cricket grounds, a football ground, Hockey Ground, Basketball court, two volleyball courts. There is a large open space for track and field that enables student-athletes to make full use of it to excel in field and track events. There is a sporting avenue for every student, irrespective of whether a student wishes to enhance his/her sports skills or take it as a stress buster to seek joy or fitness.

Indoor facilities include Marena, a centrally-cooled sports complex. It is one of the largest and best-equipped sports centres in the country, aimed at ensuring that the six long months of monsoon in the region do not disrupt the fitness regimen of students and staff.

### Laboratories

KMC, Manipal has well equipped air conditioned laboratories for Anatomy, Physiology, Biochemistry and Pathology, among others to help the students develop psycho motor skills which are very essential for the effective practice of medicine. These state-of-the-art labs provide excellent hands on training to students. KMC also has an innovative, modern clinical skills lab where students are trained on various physical skills related to various organ systems, preparing them for real patient encounters. The Skills Lab imparts training to all students in basic and advanced life support skills.

### Simulation Centre

The Medical Simulation Centre at Manipal Academy of Higher Education is a state-of-the-art training and research facility equipped with manikins (anatomical models of the human body, used in teaching the art of medicine and medical equipment). The centre enables students gain the experience and insights that are best learned in realistic conditions. These simulations focus on training medical students and health professionals about what to expect and more importantly, how to react.

### Research Excellence

KMC is involved in research activities across various disciplines of medicine. Research facilities such as the Central Research Laboratory (with a dedicated Embryology Laboratory, Genetics Laboratory and Enteric Division), Centre for Inborn Errors of Metabolism and Centre for Molecular Neurosciences are part of the research infrastructure available to the students and faculty with the aim of performing excellent advancement in their respective field of interest through innovative ideas, ultra modern techniques and collaborative research work to help global community.

The availability of two incubators, Manipal - Government of Karnataka Bioincubator, an initiative by Manipal Academy of Higher Education (MAHE) and the Government of Karnataka, under Manipal University Technology Business Incubation Society, to facilitate Innovation and Incubation in the Bio-Medical Domain. Startups, entrepreneurs, innovators, entrepreneurship ventures of researchers, faculty and students are welcome to explore world class bio-incubation space with cutting edge access to expertise and infrastructure. Manipal-GOK.



### Research Excellence in Numbers (for the last 5 years)

For the last 5 years	KMC Manipal
Publications	2708
Books Published	58
Workshops and Seminars	313
Research Projects	821
Clinical Trials	111

Mentored Student Project: Students are encouraged to take up short time research project mentored by faculties and present their research findings in various national and international conferences.

### Research support for undergraduate, postgraduate and superspeciality students

- Regular Workshops on research methodology, biostatistics, epidemiology, ethics, bio safety best practices, and manuscript preparation - publication for undergraduate and postgraduate students
- Mentored research projects
- KMC, Manipal supports and encourages students to participate in national and international conferences and to present research papers.
- Grants have been received from Indian Council of Medical research for undergraduate and postgraduate research work

### International Student Elective Options

- University of Utrecht
- University of Nottingham
- University of Groningen
- University of Maastricht
- Lancaster University
- University of Aberdeen
- University of Lille
- Medical University of Graz
- University of Minnesota
- Ochsner Health System
- Weil Cornell School of Medicine
- Mount Sinai Health System
- Maimonides Medical Center
- University of Illinois, Chicago
- University of Chicago
- Larkin Community Hospital, Miami
- Boston University Sch of Med,

- Boston
- Yale School of Medicine, New Haven
- George Washington U Sch of Med
- Univ Massachusetts Med Sch,
- Berkshire Medical center, St. Vincent's hospital, UMMHC
- West Virginia U SOM-Morgan town
- UT Sch of Medicine San Antonio
- Loyola U Chicago Stritch SOM,
- Maywood, IL
- University of South Florida
- University of Florida
- Temple University
- University of Kentucky
- Flinders University, Australia
- University, Canada

### International Partnerships for academic, research and industry collaboration

- Charite-Universitaetsmedizin, Germany
- State University of Zanzibar (SUZA), Tanzania
- Australian Rickettsial Reference Laboratory (ARRL) and Department of Infectious Diseases, Barwon Health (BH)
- Hawassa University, Ethiopia
- University of Rochester, USA
- The Regents of the University of Michigan, USA
- MERCK-SERONO, Mumbai
- The National Human Genome Research Institute (NHGRI), USA
- Philips Electronics India Pvt Ltd
- James Cook University, Australia
- University of Wollongong, Australia

- The University of Sydney, Australia
- McGill University, Canada
- University Court of the University of Aberdeen, Scotland
- University of Arkansas for Medical Sciences (UAMS), USA
- University of Queensland, Australia
- Mekelle University, Ethiopia
- The University of Nottingham, UK
- The University of Chicago (TUC), USA
- Ochsner Clinic Foundation, USA
- Medical University of Graz, Austria
- University of Kentucky, USA
- Royal Liverpool & Broadgreen University Hospitals, UK
- The University of Sydney, Australia
- Griffith University, Australia
- University of Nicosia, Cyprus
- RAK Medical & Health Sciences University, UAE
- University of Kansas Medical Centre, USA
- UCAM Universidad Catolica San Antonia De Murcia, Spain
- The Catholic University of the North, Chile
- The University of Kentucky's Markey Cancer Center, USA
- Karabuk University, Turkey
- The Universidade Estadual De Campinas (UNICAMP), Brazil
- WestfalischeWilhelms – Universitat Munster (WWU), Germany
- University of Groningen, The Netherlands
- Aarhus University, Denmark
- The University of Nottingham, Public Health Foundation of India and The University of Bath
- University of Nottingham, University of Bath and HRIDAY, New Delhi
- The University of Stirling, Scotland
- University of Hull, UK
- The University of Lille, France
- The University of Mississippi, USA
- UniversitiTeknologi Mara, Malaysia
- UMIT, Austria
- California State University, USA
- Limbus AI Inc, Canada

- Wroclaw University of Science and Technology, Poland
- National Yang-Ming University, Taiwan
- The University of Arizona, USA
- Health Education England.
- University of Nevada, USA.
- The University of Michigan, USA
- The University of New Brunswick, Canada
- UCSI University, Malaysia
- Touro University California
- University of Groningen
- The University of Manchester
- University Of Toronto
- Temple University
- AAMC - Clinical Training Affiliation Agreement
- Henry Ford Health System
- Srinakharinwirot University - SWU, Thailand
- University of Manitoba
- Wellcome Sanger Institute, UK
- Academic Medical Center, Amsterdam
- King's College, London
- University of Oxford



## Bachelor of Medicine & Bachelor of Surgery (MBBS)

### Duration

4 ½ years plus 1 year compulsory internship.

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

### Last date to apply:

Refer NEET 2022 guidelines

### Commencement of Classes:

As per NMC guidelines



### Program Description

MBBS is an Under Graduate (UG) professional course regulated by the National Medical Commission (NMC) and adheres to the prescribed competency based medical education (CBME) curriculum.



### Focus

The program focusses on Pre-clinical (Anatomy, Physiology and Biochemistry), Para-clinical (Pharmacology, Pathology, Microbiology, Forensic Medicine, Community Medicine) and Clinical (Oto-rhino-laryngology, Ophthalmology, Dermatology, Pediatrics, General Medicine, General Surgery, Obstetrics & Gynaecology, Radiology, Anaesthesiology) subjects



### Career Prospects

After completing this course, students get to work in capacities of a General Physician, medical officer and also pursue postgraduate studies and clinical research.

Visit: <https://manipal.edu/kmc-manipal/program-list/mbbs-graduation-in-medicine.html>

## MD (Anaesthesiology)

### Duration

3 Years

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

### Last date to apply:

Refer NEET 2022 guidelines

### Commencement of Classes:

As per NMC guidelines



### Program Description

Training is offered in all the subspecialties such as Cardiothoracic anesthesia, Neuroanesthesia and Pediatric anesthesia in addition to anesthesia for the core surgical specialties.



### Focus

- Cardiothoracic Anesthesia
- Neuro Anesthesia
- Pediatric Anesthesia
- Orthopedic Anesthesia
- Transplant Anesthesia
- Obstetric Anesthesia including labour analgesia
- Onco-anesthesia
- Pain clinic
- Pre-anesthetic Clinic
- Intensive Care Training



### Career Prospects

After successfully completing the training, the candidates have career opportunities as

- General Anesthesiologist
- Cardiac, Neuro, Pediatric Anesthesiologist
- Pain Physician
- Intensive care physician
- Emergency Medicine consultant
- Training and employment opportunities are also available in many countries outside India

Also Visit:

<https://manipal.edu/kmc-manipal/department-faculty/department-list/anaesthesiology.html>

## MD (Anatomy)

### Duration

3 Years

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

### Last date to apply:

Refer NEET 2022 guidelines

### Commencement of Classes:

As per NMC guidelines



### Program Description

Course involves teaching and research pertaining to the human body, helping to shape postgraduate students as best teachers as well as researcher.



### Focus

Focused areas under this degree are Gross Anatomy, Microscopic anatomy, Developmental anatomy, Osteology, Applied and Clinical Anatomy, Genetics, Anthropology, Radiological Anatomy and Surface marking of Human Body



### Career Prospects

To serve as faculty/researcher in medical and dental colleges, or pursue advanced studies

Also visit:

<https://manipal.edu/kmc-manipal/department-faculty/department-list/anatomy.html>

## MD (Biochemistry)

### Duration

3 Years

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

### Last date to apply:

Refer NEET 2022 guidelines

### Commencement of Classes:

As per NMC guidelines



### Program Description

The department of Biochemistry is actively involved in teaching, providing clinical diagnostic services and in carrying out research activities in the field of biochemistry.



### Focus

- Apply biochemical principles to explain the disease conditions and mechanism of action used in the diagnosis and treatment of diseases
- Explain importance of biomolecules in sustaining the life process
- Describe and apply the concept of nutrition in health and disease



### Career Prospects

- Authorized signatory for NABL accredited laboratories.
- Medical Advisor for diagnostic/manufacturing/pharmacological companies
- Proceed to get DM in Endocrinology.
- Set up/manage a diagnostic laboratory.

Also Visit:

<https://manipal.edu/kmc-manipal/department-faculty/department-list/biochemistry.html>

## MD (Community Medicine)

### Duration

3 Years

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

### Last date to apply:

Refer NEET 2022 guidelines

### Commencement of Classes:

As per NMC guidelines



### Program Description

Community medicine specialists are trained to be primary care physicians, researchers and administrators with the necessary clinical skills, knowledge of epidemiological and management principles, and have the ability to apply this knowledge for the betterment of the community.



### Focus

- Research Methodology, advanced epidemiology and biostatistics
- Epidemiology of Communicable and Non-Communicable Diseases
- Basic clinical skills including screening for diseases and palliative care



### Career Prospects

Epidemic intelligence service officers, who work in the area of field epidemiology and are employed by organizations like the NCDC and CDC.

Also Visit:

<https://manipal.edu/kmc-manipal/department-faculty/department-list/community-medicine.html>



## MD (Dermatology, Venerology & Leprosy)

### Duration

3 Years

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

### Last date to apply:

Refer NEET 2022 guidelines

### Commencement of Classes:

As per NMC guidelines



### Program Description

Providing diagnostic services, specialized treatment and cosmetic enhancement, a robust teaching program and research activities attract the trainees as well.



### Focus

- Clinical dermatology- daily outpatient clinic and inpatient ward and emergency management
- Immunohematology
- Dermatotomy
- Aesthetic medicine
- Dermatoscopy
- Hair and Nail diseases.



### Career Prospects

- Faculty in academic institutes
- Consultant at corporate hospital/ non-teaching hospital
- Private practice in self-owned clinic.

Also Visit:

<https://manipal.edu/kmc-manipal/department-faculty/department-list/dermatology.html>

## MD (Emergency Medicine)

### Duration

3 Years

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

### Last date to apply:

Refer NEET 2022 guidelines

### Commencement of Classes:

As per NMC guidelines



### Program Description

Emergency Medicine is a specialty where treatment is superimposed on a timeframe, supported by team work and augmented by technology.



### Focus

- Assessment and management of undifferentiated medical and surgical emergencies
- Reanimatology/ Resuscitation of adult, pediatrics and neonates
- Trauma assessment and Resuscitation and Trauma Critical Care
- Emergency Intensive Care



### Career Prospects

After the training in Emergency Medicine a Degree holder may take two streams viz., academic pathway or a practitioner pathway.

They may join the various Emergency Medicine Departments already established in the country in the academic institutions catering to MD or DNB.

<https://manipal.edu/kmc-manipal/department-faculty/department-list/emergency-medicine.html>

## MD (Forensic Medicine)

### Duration

3 Years

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

### Last date to apply:

Refer NEET 2022 guidelines

### Commencement of Classes:

As per NMC guidelines



### Program Description

M.D. Forensic Medicine is a Post Graduate (PG) professional course designed to train the doctor to become competent medico-legal practitioner, teacher and researcher in the field of Forensic Medicine.



### Focus

Forensic Pathology, Clinical Forensic medicine - handles the medico-legal aspects of clinical practice and patient Care, Forensic Toxicology – detection of poisons in an NABL accredited Toxicology lab, where hands-on training is provided.



### Career Prospects

- Forensic faculty/ Expert in discharging medico-legal services and duties in any government or private medical institution.
- Forensic Consultant in corporate/ private hospitals. health centre.
- Forensic Auditing
- Humanitarian Forensics.

Also Visit:

<https://manipal.edu/kmc-manipal/department-faculty/department-list/forensic-medicine.html>



## MD (General Medicine)

### Duration

3 Years

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

### Last date to apply:

Refer NEET 2022 guidelines

### Commencement of Classes:

As per NMC guidelines



### Program Description

The department is actively involved in teaching, providing clinical services and in carrying out research activities in the field of General Medicine.



### Focus

- Exposure to art and science of Medicine
- Effective management of emergencies
- Critical care medicine
- Comprehensive medical evaluation and treatment



### Career Prospects

- Consultation Practice as Internal Medicine Specialist self, private and government set up
- Academic opportunity as teaching faculty in Medical and Dental college

Also Visit:

<https://manipal.edu/kmc-manipal/department-faculty/department-list/medicine.html>

## MD (Hospital Administration)

### Duration

3 Years

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

### Last date to apply:

Refer NEET 2022 guidelines

### Commencement of Classes:

As per NMC guidelines



### Program Description

The role of Management as science and art in the medical sciences institutions producing physician-leaders or clinical administrators have been considered with great depth in the last couple of decades with the advent of insurance as a healthcare financing model, quality and accreditation as a management tool.



### Focus

4 modules of General Administration and Management, Health Administration and Medical Care, Hospital Administration and Hospital Planning, Administration of Clinical and Non-Clinical Services. The student will be able to independently work in Financial and Material Management of hospitals



### Career Prospects

The students of this program have gone on to become CEOs / COOs of large corporate hospitals in India & middle-east, Medical Superintendents, Academicians of Medical college hospitals.

Also Visit:

<https://manipal.edu/kmc-manipal/department-faculty/department-list/hospital-administration.html>

## MD (Immunohematology & Blood Transfusion)

### Duration

3 Years

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

### Last date to apply:

Refer NEET 2022 guidelines

### Commencement of Classes:

As per NMC guidelines



### Program Description

The department provides clinical services to support patients in need of blood component therapy, therapeutic apheresis, and specialized laboratory diagnostics. In addition, it also acts as a Reference Lab for the region.



### Focus

- Immunohematology
- Blood component collection, processing and storage
- Clinical transfusion practice
- Homeostasis
- Therapeutic apheresis



### Career Prospects

- Medical Officer in Blood Banks
- Faculty in academic institutes having MD in Immunohematology and Blood Transfusion
- Consultant in corporate hospitals as a Transfusion Medicine Specialist

Also Visit:

<https://manipal.edu/kmc-manipal/department-faculty/departmentlist/immunohematology.html>

## MD (Microbiology)

**Duration**  
3 Years

**Eligibility Criteria & Admission Process**  
Refer **Section 2**

**Course Fees, Hostel Fees, Refund Rules**  
Refer **Section 3**

**Last date to apply:**  
Refer NEET 2022 guidelines

**Commencement of Classes:**  
As per NMC guidelines

### Program Description

The department is actively involved in teaching, providing clinical diagnostic services and in carrying out research activities in the field of infectious diseases.

### Focus

- General Microbiology
- Immunology & Serology
- Systemic bacteriology
- Mycology
- Virology
- Parasitology
- Mycobacteriology
- Applied Microbiology
- Infection Control
- Antibiotic stewardship

### Career Prospects

- The graduating students can join teaching institutions and would be involved in diagnostic laboratory services and in infection control activities.
- The students can join corporate hospitals as consultant Microbiologists and Infection control officer.

Also Visit:

<https://manipal.edu/kmc-manipal/department-faculty/department-list/microbiology.html>

## MS (Obstetrics & Gynaecology)

**Duration**  
3 Years

**Eligibility Criteria & Admission Process**  
Refer **Section 2**

**Course Fees, Hostel Fees, Refund Rules**  
Refer **Section 3**

**Last date to apply:**  
Refer NEET 2022 guidelines

**Commencement of Classes:**  
As per NMC guidelines

### Program Description

It has subspecialty divisions in the specialties of Reproductive Medicine and Surgery (performing all assisted reproductive techniques), Maternal and Fetal Medicine (catering for high risk obstetrics and fetal medicine), Gynecological Oncology (offering both screening and treatment), Minimal Invasive Surgery (performing all sorts of endoscopic surgeries), Urogynaecology (catering to urogynecological issues, prolapse, sexual and aesthetic Gynaecology).

### Focus

- Management of routine obstetrics and gynecological cases
- Recognition and management of high-risk obstetric cases
- Exposure to neonatal care through posting in NICU
- Basics of anaesthesiology through posting in the Dept of Anaesthesia
- Screening and management of gynecological cancers,

### Career Prospects

They can get job as Obstetrics and Gynecology in any reputed Medical College in India and countries where Indian degrees are recognized

Also Visit:

<https://manipal.edu/kmc-manipal/department-faculty/department-list/obstetrics-gynaecology.html>

## MS (Ophthalmology)

**Duration**  
3 Years

**Eligibility Criteria & Admission Process**  
Refer **Section 2**

**Course Fees, Hostel Fees, Refund Rules**  
Refer **Section 3**

**Last date to apply:**  
Refer NEET 2022 guidelines

**Commencement of Classes:**  
As per NMC guidelines

### Program Description

The department has the state of the art facilities including Micro phacoemulsification platform including Centurion vision system, aided by IOL master diagnostic platform for cataract management. Retina service includes the Constellation Vitrectomy platform for vitreoretinal surgery and screening of preterm babies.

### Focus

- Clinical competencies including managing all routine outpatient clinics, diagnostics, ophthalmic emergencies, soft skills in communication with patients.
- Surgical competencies including assisting basic and advanced procedures in managing Cataract including Phacoemulsification, Glaucoma including Tubes and Shunt surgeries, Corneal diseases including keratoplasties, Retinal disorders including Vitrectomy and scleral buckles, Trauma management, oculoplastic, Paediatric cataract and Glaucoma surgeries.

### Career Prospects

- Can set up Independent Ophthalmic practice.
- Faculty in academic institutes.

Also Visit:

<https://manipal.edu/kmc-manipal/department-faculty/department-list/ophthalmology.html>

## MS (Orthopaedics)

### Duration

3 Years

### Eligibility Criteria & Admission Process

Refer Section 2

### Course Fees, Hostel Fees, Refund Rules

Refer Section 3

### Last date to apply:

Refer NEET 2022 guidelines

### Commencement of Classes:

As per NMC guidelines



### Program Description

The department was started with a mandate to create knowledge, advance learning, and improve the musculoskeletal health at the community, provincial, national, and international levels.



### Focus

- The major components of the PG curriculum are:
- Theoretical knowledge (Cognitive domain)
- Practical and clinical skills (Psychomotor domain)
- Attitudes including communication skills (Affective domain)
- Writing thesis / Reviewing Research activities (Scholarly activity)
- Training in Research Methodology (Practice based learning; Evidence based practice)



### Career Prospects

- Can set up Independent practice.
- Faculty in academic institutes.

Also Visit:

<https://manipal.edu/kmc-manipal/department-faculty/department-list/orthopaedics.html>

## MS (Oto-Rhino-Laryngology)

### Duration

3 Years

### Eligibility Criteria & Admission Process

Refer Section 2

### Course Fees, Hostel Fees, Refund Rules

Refer Section 3

### Last date to apply:

Refer NEET 2022 guidelines

### Commencement of Classes:

As per NMC guidelines



### Program Description

It provides comprehensive care to patients with diseases of the ear, nose, throat, head & neck and skull base.



### Focus

- Managing the outpatient services
- Outpatient procedures like nasal endoscopy, videonystagmography, biopsies, ear (microscopic) procedures, videostroboscopy, flexible nasopharyngoscopy, flexible bronchoscopy, fine needle aspiration cytology



### Career Prospects

- Faculty in a medical college with career growth
- Private practice in clinic / hospital with operation theater

Also Visit: <https://manipal.edu/kmc-manipal/department-faculty/department-list/ent.html>

## MD (Paediatrics)

### Duration

3 Years

### Eligibility Criteria & Admission Process

Refer Section 2

### Course Fees, Hostel Fees, Refund Rules

Refer Section 3

### Last date to apply:

Refer NEET 2022 guidelines

### Commencement of Classes:

As per NMC guidelines



### Program Description

The department of Paediatrics is primarily concerned with the delivery of health care to children, training of undergraduate and postgraduate students, coordinating with national health programs, health education of the community and conducting and participating in various research activities to contribute effectively to the advancement in the field.



### Focus

Basic training- growth, development, nutrition, vaccination, normal newborn care, ambulant and hospitalized care of common childhood illness



### Career Prospects

- Faculty in medical colleges.
- Consultants in corporate hospital

Also Visit:

<https://manipal.edu/kmc-manipal/department-faculty/department-list/paediatrics.html>

## MD (Palliative Medicine)

### Duration

\_ Years (\_ Semesters)

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

### Last date to apply:

Refer NEET 2022 guidelines

### Commencement of Classes:

As per NMC guidelines



### Program Description

It aims to relieve symptoms and improve patients' quality of life and their families facing serious life-threatening or life-limiting illnesses like cancer, neurodegenerative disorders and end-stage organ impairment



### Focus

- Expertise in pain and symptom management
- Supportive care during disease-directed therapies
- Advanced health-related communication
- Holistic and Whole-Person Care
- Multi-disciplinary team approach
- Patient Controlled Analgesia
- Interventional Pain Management and Pain Procedures
- End-of Life Care.



### Career Prospects

At present, there is a significant demand for MD Palliative Medicine specialists in India.

<https://manipal.edu/kmc-manipal/department-faculty/department-list/palliative-medicine-and-supportive-care.html>

## MD (Pathology)

### Duration

3 Years

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

### Last date to apply:

Refer NEET 2022 guidelines

### Commencement of Classes:

As per NMC guidelines



### Program Description

Postgraduate students get exposed to advanced diagnostic methods including Immunophenotyping, Immunofluorescence, Coagulation studies, Flow cytometry, HLA typing and cross matching.



### Focus

- Histopathology, Cytology and Haematology
- Immunohistochemistry
- Fine needle aspiration cytology and Bone marrow aspiration techniques
- Transplant Immunology
- Flow cytometry
- Autopsy techniques and reporting
- Histotechnology.



### Career Prospects

- Faculty in academic institutes
- Consultant in corporate hospitals

Also Visit:

<https://manipal.edu/kmc-manipal/department-faculty/department-list/pathology.htm>

## MD (Pharmacology)

### Duration

3 Years

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

### Last date to apply:

Refer NEET 2022 guidelines

### Commencement of Classes:

As per NMC guidelines



### Program Description

The postgraduate course in this subject at Manipal provides a unique opportunity to train in basic science, clinical and industry aspects of pharmacology. The Department is designated as Adverse drug reaction (ADR) monitoring centre as part of the National Pharmacovigilance Program of India and provides training in pharmacovigilance and drug safety.



### Focus

- Pharmacotherapeutics
- Pharmacovigilance, pharmacoconomics, toxicology, clinical pharmacokinetics and experimental pharmacology



### Career Prospects

Our postgraduates have been placed in academia and industry both in India and abroad. The graduating student can have multiple opportunities.

Also Visit:

<https://manipal.edu/kmc-manipal/department-faculty/department-list/pharmacology.html>

## MD (Physiology)

**Duration**  
3 Years

**Eligibility Criteria & Admission Process**  
Refer **Section 2**

**Course Fees, Hostel Fees, Refund Rules**  
Refer **Section 3**

**Last date to apply:**  
Refer NEET 2022 guidelines

**Commencement of Classes:**  
As per NMC guidelines

### Program Description

Teaching the organization, integrated functions and regulation of the various organ systems of human body with reference to their implications in the pathogenesis of diseases (pathophysiology) their management

### Focus

- Performing experiments and interpreting results of ECG, AFT, EEG, autonomic function.
- Learning the essentials of Research Methodology.

### Career Prospects

- Faculty in academic institutes.

Also Visit:

<https://manipal.edu/kmc-manipal/department-faculty/department-list/physiology.html>

## MD (Psychiatry)

**Duration**  
3 Years

**Eligibility Criteria & Admission Process**  
Refer **Section 2**

**Course Fees, Hostel Fees, Refund Rules**  
Refer **Section 3**

**Last date to apply:**  
Refer NEET 2022 guidelines

**Commencement of Classes:**  
As per NMC guidelines

### Program Description

The clinical activities of the department are primarily outpatient and inpatient services in a general hospital setup. The department also has active round the clock consultation liaison service, unit wise specialized addiction psychiatry, child psychiatry & rehabilitation psychiatry services.

### Focus

At the end of the MD course in Psychiatry, the student should have able to:

- Understand the relevance of mental health in relation to the health needs of the country

### Career Prospects

- Academic Positions in teaching hospitals
- Private Practice

Also Visit:

<https://manipal.edu/kmc-manipal/department-faculty/department-list/psychiatry.html>

## MD (Radio diagnosis)

**Duration**  
3 Years

**Eligibility Criteria & Admission Process**  
Refer **Section 2**

**Course Fees, Hostel Fees, Refund Rules**  
Refer **Section 3**

**Last date to apply:**  
Refer NEET 2022 guidelines

**Commencement of Classes:**  
As per NMC guidelines

### Program Description

A well-structured post graduate training program well equipped with the latest imaging devices such as two MRI scanners of 1.5T from PHILIPS and GE, 128 slice dual CT from PHILIPS and 16 slice CT from GE, twelve high end Ultrasound scanners, fluoroscopy and X ray scanners.

### Focus

As radiologists, we are an integral part of the larger health care delivery team. As a radiology resident, you will have an opportunity to experience a wide variety of practice models within our university, ranging from world-class cancer, cardiac, transplant, neuroscience, trauma, musculoskeletal, emergency and pediatric centres.

### Career Prospects

Upon completion of the program, the resident will be prepared for clinical, academic or leadership roles in diagnostic as well as interventional radiology and be able to demonstrate consultant abilities in the management of patient care.

Also Visit:

<https://manipal.edu/kmc-manipal/department-faculty/department-list/radiodiagnosis.html>

## MD (Radio therapy / Radiation Oncology)

### Duration

3 Years

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

### Last date to apply:

Refer NEET 2022 guidelines

### Commencement of Classes:

As per NMC guidelines



### Program Description

The department is equipped with modern technology and practices concurrent, adjuvant and palliative chemotherapy for solid tumors.

The department works in close collaboration with other disciplines including specialties of Medical and Surgical Oncology and Palliative medicine; this is a rich educational experience for the student interested in Oncology.



### Focus

Diagnosis, evaluation, counselling, treatment, follow up and supportive care for patients with cancer.



### Career Prospects

Following MD Radiotherapy, the candidate has several opportunities in pursuing further academics, education and research. Alternatively, if interested, the candidate could also pursue superspecialization- DM in Medical Oncology.

Also Visit:

<https://manipal.edu/kmc-manipal/department-faculty/department-list/radiotherapy-andoncology.html>

## MD (Respiratory Medicine)

### Duration

3 Years

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

### Last date to apply:

Refer NEET 2022 guidelines

### Commencement of Classes:

As per NMC guidelines



### Program Description

The clinical activities of the department are at the outpatient and inpatient levels. This department was started initially to give specialized treatment to TB cases and other Respiratory diseases like asthma, COPD etc. But within a short span of time Allergy unit and Bronchoscopy units were added.



### Focus

procedures are to be observed and then done independently.

- DLCO:
- Skin prick testing
- FeNo
- Bronchoscopy Unit
- Thoracoscopy Unit
- Polysomnography



### Career Prospects

After pursuing MD in respiratory medicine treat common respiratory diseases like Asthma, COPD, Tuberculosis, Pneumonia, Bronchiectasis, Management of Chronic and Acute Respiratory Failure

Also Visit:

<https://manipal.edu/kmc-manipal/department-faculty/department-list/pulmonary-medicine.html>

## MS (General Surgery)

### Duration

3 Years

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

### Last date to apply:

Refer NEET 2022 guidelines

### Commencement of Classes:

As per NMC guidelines



### Program Description

The PGs will be trained to tackle any clinical situation in an ethical and evidence based approach, perform outpatient work, minor outpatient operations, major operation theatre cases, ward rounds and endoscopies



### Focus

- All open operative procedures
- All laparoscopic procedures
- All advanced procedures in all super specialties- Cardiothoracic and vascular surgery, urology, neurosurgery, oncosurgery, plastic surgery, paediatric surgery



### Career Prospects

Faculty in department of surgery in medical colleges

Also Visit:

<https://manipal.edu/kmc-manipal/department-faculty/department-list/surgery.html>



## MSc (Medical) – Anatomy

### Duration

2 years (4 semesters)

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

**Last date to apply:** 15.05.2022

**Commencement of Classes:** 01.08.2022



### Program Description

This program deals with the structure of the human body. The program consists of didactic lectures, discussions, electives in other disciplines, research projects, hands-on training and exposure to various practical procedures.



### Focus

Focused areas under this degree are Gross Anatomy, Microscopic anatomy, Developmental anatomy, Osteology, Applied and Clinical Anatomy, Genetics, Anthropology, Radiological Anatomy and Surface marking of Human Body



### Career Prospects

The postgraduate student will have skills in teaching anatomy to medical and para-medical students and will be able to integrate teaching of Anatomy with other relevant subjects, while being aware of her/his limitations.

<https://manipal.edu/kmc-manipal/department-faculty/department-list/anatomy.html>

## MSc (Medical) – Biochemistry

### Duration

2 years (4 semesters)

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

**Last date to apply:** 15.05.2022

**Commencement of Classes:** 01.08.2022



### Program Description

This course deals with the chemical nature, function, structure, energetic pathways of synthesis and degradation of simple to complex biological and/or cellular molecules to understand the various aspects of cellular and molecular functions in development, health and disease with applications in Biotechnology and Medicine



### Focus

There are 3 main domains for this discipline—academics, research and diagnostics. As molecular biology and biotechnology are off shoots of biochemistry, it gives foundation for all types of advanced research.



### Career Prospects

Biochemistry is a part of all medical, dental, allied health science and nursing courses. So, trained biochemist has ample opportunity as a faculty in institutes which handle such courses.

<https://manipal.edu/kmc-manipal/department-faculty/department-list/biochemistry.html>

## MSc (Medical) – Microbiology

### Duration

2 years (4 semesters)

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

**Last date to apply:** 15.05.2022

**Commencement of Classes:** 01.08.2022



### Program Description

The course includes Basic Sciences common core, General Microbiology, Immunology, Research Methodology.



### Focus

Medical Microbiology, Systematic Bacteriology, Virology, Parasitology and Mycology. Students have to opt for electives of their areas of interest other than their subject of specialization in the second and third semester of the course to expand their knowledge in topic of interest. The 4th semester of the course involves Project work in the field of Medical Microbiology.



### Career Prospects

As a Teacher in Medical, Dental, Nursing and Allied health colleges, can take up research. Technical application specialist in the Diagnostic industry.

Laboratory staff in Healthcare settings

<https://manipal.edu/kmc-manipal/department-faculty/department-list/microbiology.html>

## MSc (Medical) – Pharmacology

### Duration

2 years (4 semesters)

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

**Last date to apply:** 15.05.2022

**Commencement of Classes:** 01.08.2022



### Program Description

It is a full time 2 years' program divided into four semesters dealing with the concept of Drug development and pharmacovigilance



### Focus

To prepare a competent Pharmacology postgraduate student to meet the requirements of academics, research and industry.



### Career Prospects

The job profile for graduates from M.Sc. program are as tutor in Medical / Dental College, medical writer, clinical research associate, research scientist.

<https://manipal.edu/kmc-manipal/department-faculty/department-list/pharmacology.html>

## MSc (Medical) – Physiology

### Duration

2 years (4 semesters)

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

**Last date to apply:** 15.05.2022

**Commencement of Classes:** 01.08.2022



### Program Description

This two years' program, which is the scientific study of the functions and mechanisms which work with in the human body, is taught in four semesters.



### Focus

Common core subjects, research methodology, Electives in 2nd and 3rd semester and Research project in 4th semester.



### Career Prospects

After completion of Masters, opportunities are in the field of Teaching, Research (Neurology, Endocrinology) and Research & Development in industry

<https://manipal.edu/kmc-manipal/department-faculty/department-list/physiology.html>

## MSc (Clinical Embryology)

### Duration

2 years (4 semesters)

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

**Last date to apply:** 15.05.2022

**Commencement of Classes:** 01.08.2022



### Program Description

The main goal of the M.Sc. Clinical Embryology program is to provide adequate clinical and laboratory training to prepare a competent professional Clinical Embryologist to serve in in vitro fertilization (IVF) clinics.



### Focus

On areas of human and animal embryology, the skills required for working in IVF and micromanipulation clinics, an appreciation of the ethics and attitude towards human ART, integration of the clinical and scientific aspects of ART, advanced knowledge and research exposure in specific areas as in clinical embryology through a thesis dissertation



### Career Prospects

The knowledge, skills and attitudes learned from the M.Sc. Clinical Embryology course will make the student qualified to work as an Embryologist in ART programs, an Andrologist in male reproductive laboratories, a teacher in Clinical Embryology, a research scientist in human Reproductive Biology, an officer in medical and paramedical fields.

<https://manipal.edu/kmc-manipal/department-faculty/department-list/clinicalembryology.html>



## MSc (Genetic Counseling)

### Duration

2 years (4 semesters)

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

**Last date to apply:** 15.05.2022

**Commencement of Classes:** 01.08.2022



### Program Description

The goal of this program to have competent genetic counselors with ample knowledge of medical genetics who would aid families with genetic disorders to understand and adapt to the medical, psychological and familial implications of genetic contributions to disease.



### Focus

The students learn principles of medical genetics, genetic disorders, reproductive genetics, recent advances and research in genetic counseling and public health, ethics and education in genetic counseling. The students have exposure to research training as well.



### Career Prospects

The trained genetic counselors have the opportunity to be a part of healthcare centers along with clinical geneticists to provide genetic counseling in areas of prenatal, pediatric, adult and cancer specialties.

They can also choose work in industry like biotechnology firms, pharmaceutical companies, genetic Testing laboratories etc. They may also choose education and research as a career through doctoral studies.

<https://manipal.edu/kmc-manipal/department-faculty/department-list/medical-genetics.html>

## MSc (Forensic Science)

### Duration

2 years (4 semesters)

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

**Last date to apply:** 15.05.2022

**Commencement of Classes:** 01.08.2022



### Program Description

The course focuses on developing students' overall knowledge of forensic science enabling them and preparing them to handle crime scene related issues.



### Focus

The students would be trained in the specific fields like cyber forensics, forensic medicine, analytical toxicology and forensic psychology



### Career Prospects

The graduates of MSc forensic science are recruited in the following fields such as Intelligence bureau, Central Bureau of Investigation (CBI), Forensic Science Laboratories, Hospitals, Private detective agencies, Law firms, Police department, Quality control bureau, Banks, Universities, Defense/Armyetc.

<https://manipal.edu/kmc-manipal/department-faculty/department-list/forensic-medicine.html>



## MSc Reproductive and Developmental Biology

### Duration

2 years (4 semesters)

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

**Last date to apply:** 15.05.2022

**Commencement of Classes:** 01.08.2022



### Program Description

This programme offers in-depth training in diverse areas of mammalian development such as reproductive physiology, embryogenesis, implantation, contraception, reproductive toxicology, and teratology.



### Focus

The course involves interactive lectures, group discussions, open electives, one to one training, exposure to cutting-edge techniques, journal discussions, and interactions with eminent scientists of international repute.



### Career Prospects

Academia-industry partnerships will allow students to avail internship opportunities, preparing them to take up cutting-edge industry-oriented research. Students will have a variety of career opportunities such as higher studies for a doctoral degree (PhD) and scientific officer in industries/ pharmaceutical companies/RD laboratories or academic positions. Campus selection will be organised to provide placement opportunities.

## DM (Cardiology)

**Duration**  
3 Years

**Eligibility Criteria & Admission Process**  
Refer **Section 2**

**Course Fees, Hostel Fees, Refund Rules**  
Refer **Section 3**

**Last date to apply:**  
Refer NEET 2022 guidelines  
**Commencement of Classes:**  
As per NMC guidelines

### Program Description

The department has a structured teaching program with seminars, journal clubs and clinical bedside teaching conducted. One of our main strengths is the exposure to various skills in interventional and non-interventional cardiology based on 'do and learn' model under the supervision of highly qualified and experienced faculty.

### Focus

- Interventional cardiology
- Coronary angiography
- Percutaneous coronary intervention including primary percutaneous coronary intervention, bifurcation PCI, chronic total occlusions etc

### Career Prospects

Faculty in academic institutes having cardiology programs

- Consultant in corporate hospitals

Also Visit: <https://manipal.edu/kmc-manipal/department-faculty/department-list/cardiology.html>.

## DM Critical Care Medicine

**Duration**  
3 Years

**Eligibility Criteria & Admission Process**  
Refer **Section 2**

**Course Fees, Hostel Fees, Refund Rules**  
Refer **Section 3**

**Last date to apply:**  
Refer NEET 2022 guidelines  
**Commencement of Classes:**  
As per NMC guidelines

### Program Description

DM (Doctor of Medicine) in Critical Care Medicine is a Doctoral three-year residential course and our college is one of the few in the country to offer this course. The course aims to train resident doctors to become skilled intensivists who can treat critically ill patients using their knowledge and skills.

### Focus

The residents undergoing training in our department will get exposure to exemplary variety of cases and will learn standard treatment protocols to manage them. Our residents will also get training in Ultrasonography guided procedures, CRRT, ECMO and variety of other interventions to manage critically ill patients. We conduct excellent academic programs, including multi-disciplinary discussions. We have eminent personnel of Critical Care specialty as our adjunct faculty, who are actively involved in our academic and clinical discussions. Our department provides excellent opportunity for research activity and staff are actively involved in various research projects. All these facilities make our department unique with best clinical, academic and research practices

### Career Prospects

The candidates passing out can start practicing as Consultant Intensivist across various hospitals or academic institutions.

## DM (Medical Gastroenterology)

**Duration**  
3 Years

**Eligibility Criteria & Admission Process**  
Refer **Section 2**

**Course Fees, Hostel Fees, Refund Rules**  
Refer **Section 3**

**Last date to apply:**  
Refer NEET 2022 guidelines  
**Commencement of Classes:**  
As per NMC guidelines

### Program Description

DM Gastroenterology is a three year residential course aimed at comprehensive training of candidates in clinical problem solving, logical decision making, acquiring a broad knowledge base and gaining skills in basic as well advanced endoscopy.

### Focus

- Detailed discussion and algorithmic approach for all cases to arrive at an accurate diagnosis and formulate a clear management plan
- Comprehensive training in diagnostic and therapeutic endoscopy as well as GI motility studies and 24-hour pH impedance testing

### Career Prospects

Successful candidates may choose to practice both gastroenterology, hepatology and advanced Endoscopy,

Also Visit:

<https://manipal.edu/kmc-manipal/department-faculty/department-list/gastroenterology-andhepatology.html>.

## DM (Medical Genetics)

### Duration

3 Years

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

### Last date to apply:

Refer NEET 2022 guidelines

### Commencement of Classes:

As per NMC guidelines



### Program Description

The department offers excellent clinical services and laboratory services. The department also has dedicated genetics subspecialty clinics, which include skeletal dysplasia clinic, reproductive genetics clinic, perinatal services, immunogenetics and metabolic diseases clinic. The department also has excellent opportunities for conducting research on rare genetic disorders.



### Focus

- Clinical genetics
- Neurogenetics
- Skeletal dysplasia
- Immunogenetics
- Cytogenetics
- Molecular genetics
- Biochemical genetics
- Genetic counseling
- Prenatal diagnosis
- Reproductive genetics
- Fetal autopsy



### Career Prospects

After completing DM in Medical Genetics, successful candidates can work as Clinical Geneticist in a hospital or an academic institute

Also visit:

<https://manipal.edu/kmc-manipal/department-faculty/department-list/medical-genetics.html>

<https://kmcmedicalgenetics.in>

## DM (Nephrology)

### Duration

3 Years

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

### Last date to apply:

Refer NEET 2022 guidelines

### Commencement of Classes:

As per NMC guidelines



### Program Description

Students have access to vast and varied clinical material through the attached 2000-bed Kasturba Hospital, Manipal. Curriculum designed to train physicians to become consultants, teach Nephrology and perform research in a congenial atmosphere



### Focus

The candidate will be trained in various aspects of clinical Nephrology including treating OPD patients, Inpatients, critical care Nephrology, acute kidney injury, CKD, kidney transplantation (live, cadaver, ABO incompatible) and perform all nephrology procedures



### Career Prospects

The candidate can start practicing as Consultant Nephrologist or can join as Assistant Professor in any of the academic institutions in the country.

Also Visit:

<https://manipal.edu/kmc-manipal/department-faculty/department-list/nephrology.htm>

## DM (Neurology)

### Duration

3 Years

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

### Last date to apply:

Refer NEET 2022 guidelines

### Commencement of Classes:

As per NMC guidelines



### Program Description

The Neurology OP services cater to a wide variety of neurological syndromes ranging from, migraine, epilepsy, dementia, demyelinating disease, neuromuscular disorder.

Neurosurgical and Neurorehabilitation services provide necessary surgical and rehabilitation support. Adequate exposure to patient care protocols, personal attention from faculty, academic programmes with emphasis on theory and clinical skills, make it a good programme to learn the fundamentals Neurology.



### Focus

- ENMG
- NCS
- Evoked Potentials
- MRI
- Neuropathology



### Career Prospects

Consultant –in academic institutes and corporate hospitals across India and Abroad.

Also Visit:

<https://manipal.edu/kmc-manipal/department-faculty/department-list/neurology.html>

## DM Medical Oncology

**Duration**  
3 years

**Eligibility Criteria & Admission Process**  
Refer **Section 2**

**Course Fees, Hostel Fees, Refund Rules**  
Refer **Section 3**

**Last date to apply:**  
Refer NEET 2022 guidelines

**Commencement of Classes:**  
As per NMC guidelines

### Program Description

DM (Doctor of Medicine) in Medical oncology is a Doctoral three-year residential course after MD. It aims at training residents to become skilled oncologists, arming them with the comprehensive practical knowledge necessary for the same.

### Focus

Daily inpatient rounds, with focus on training in stepwise evaluation and management of routine patient problems and issues

### Career Prospects

Medical oncologists passing out of the institute can choose to associate themselves with academic centres to pursue further research activities or private/government hospitals to provide oncologic services to patients.

Also Visit:

<https://manipal.edu/kmc-manipal/department-faculty/department-list/medical-oncology.html>

## DM Infectious Disease

**Duration**  
3 years

**Eligibility Criteria & Admission Process**  
Refer **Section 2**

**Course Fees, Hostel Fees, Refund Rules**  
Refer **Section 3**

**Last date to apply:**  
Refer NEET 2022 guidelines

**Commencement of Classes:**  
As per NMC guidelines

### Program Description

The Department aims at comprehensive training of candidates in clinical problem solving, logical decision making, acquiring a broad knowledge base and gaining skills in basic and advanced management of Infectious Diseases.

### Focus

- Learn the syndromic approach and arrive at the specific etiological diagnosis by appropriate history taking, physical examination, and modern laboratory evaluation.
- Ability to manage all infectious diseases according to evidence-based practice

### Career Prospects

Candidates may choose to practice as consultant in infectious diseases and manage multitude of endemic or emerging infectious diseases, prevention, control and elimination focus and also carry out outbreak investigations

Also visit:

<https://manipal.edu/kmc-manipal/department-faculty/department-list/infectiousdiseases.html>

## MCh (Cardiothoracic Surgery)

**Duration**  
3 years

**Eligibility Criteria & Admission Process**  
Refer **Section 2**

**Course Fees, Hostel Fees, Refund Rules**  
Refer **Section 3**

**Last date to apply:**  
Refer NEET 2022 guidelines

**Commencement of Classes:**  
As per NMC guidelines

### Program Description

The Department offers surgical training in all aspects of Cardiac, Thoracic and Vascular Surgeries and is recognized by NMC. The surgeon undergoes a comprehensive training in elective and emergency components in Cardiac, Thoracic and Vascular surgical patients.

### Focus

- Sternotomy and closure, harvesting of long saphenous vein and internal mammary artery for CABG. proximal and certain distal anastomosis in CABG.
- Atrial septal defect closure, valve replacement

### Career Prospects

Faculty in Academic institutions with M.Ch course.

Also Visit:

<https://manipal.edu/kmc-manipal/department-faculty/department-list/cardiovascular-thoracicsurgery.html>



## MCh Hand Surgery

**Duration**  
3 Years

**Eligibility Criteria & Admission Process**  
Refer **Section 2**

**Course Fees, Hostel Fees, Refund Rules**  
Refer **Section 3**

**Last date to apply:**  
Refer NEET 2022 guidelines

**Commencement of Classes:**  
As per NMC guidelines

### Program Description

M.Ch Hand Surgery course in KMC is an advanced three year Superspeciality course sanctioned by NMC that will enable the candidate to provide specialist level Hand and Microsurgery services. The M.Ch Hand Surgery trainee undergoes comprehensive training in emergency and elective hand surgical procedures. The program provides a mix of basic hand surgery and complex hand surgery conditions amalgamating the principles of orthopaedic and plastic surgery training to provide a comprehensive experience enabling a holistic practice later. It emphasizes traumatic and acquired conditions of the hand, wrist, forearm, elbow, arm, and shoulder including tendon, peripheral nerve disorders, microsurgical training, brachial plexus surgery, arthroscopy of the hand, wrist, joint replacement of the hand, wrist, and congenital hand surgery. The training includes assessment, diagnosis of simple and complex Hand problems, appropriate investigations, conservative and operative management. It will also guide them with analytical ability to teach and carry out research in the Hand surgery related fields.

### Focus

The goal of the MCh Hand Surgery is to prepare for academic clinical surgeons and to be competent in the knowledge of the practice of Hand surgery, to carry out this practice in a professional and ethical manner, to develop skills for continuing and self-reflective education in the field of hand surgery, and to understand hand surgery in the context of the healthcare system in which they will practice.

### Career Prospects

- Teaching Faculty in the new Hand Surgery departments in academic Institutions
- Consultant in Private practice or corporate set-up

Also Visit:

<https://manipal.edu/kmc-manipal/department-faculty/department-list/HandSurgery.html>



## MCh (Neuro Surgery)

**Duration**  
3 Years

**Eligibility Criteria & Admission Process**  
Refer **Section 2**

**Course Fees, Hostel Fees, Refund Rules**  
Refer **Section 3**

**Last date to apply:**  
Refer NEET 2022 guidelines

**Commencement of Classes:**  
As per NMC guidelines

### Program Description

The department is equipped with modern technology and equipment starting from the operating microscope, image guidance system (Neuronavigation), stereotactic biopsy and radiosurgery which are mandatorily necessary to provide state of the art care at par with the best neurosurgical centres anywhere in the world.

### Focus

- Neurological examination of patients, effective clinical diagnosis and reading of neuro-images like CT scan and MRI.
- Training in management of neuro-critical ICU

### Career Prospects

- Can join as a neurosurgeon in any tertiary care Government hospital.
- Can join as a neurosurgery consultant in any corporate hospital.

Also Visit:

<https://manipal.edu/kmc-manipal/department-faculty/department-list/neuro-surgery.html>

## MCh (Paediatric Surgery)

### Duration

3 Years

### Eligibility Criteria & Admission Process

Refer Section 2

### Course Fees, Hostel Fees, Refund Rules

Refer Section 3

### Last date to apply:

Refer NEET 2022 guidelines

### Commencement of Classes:

As per NMC guidelines

### Program Description

The department treats common problems such as hernias, hydroceles, pyloric stenosis, intussusceptions, urological cases including PUJO, hypospadias including Disorders of Sexual Differentiation, pediatric laparoscopy, cystoscopy and trauma. Uncommon problems including congenital anomalies and tumors of the head and neck, chest, abdomen and pelvis are also addressed.

### Focus

Neonatal Surgery Knowledge: Understand the unique anatomic, pathophysiologic, and genetic conditions that affect the fetus and neonate and classify congenital malformations.

### Career Prospects

- Academic position in pediatric surgery department around the country
- Consultant in corporate hospitals as a Pediatric surgeon, pediatric urologist, pediatric minimal access surgeon or surgical oncologist

Also visit:

<https://manipal.edu/kmc-manipal/department-faculty/department-list/paediatric-surgery.html>

## MCh in Paediatric Orthopaedics

### Duration

3 Years

### Eligibility Criteria & Admission Process

Refer Section 2

### Course Fees, Hostel Fees, Refund Rules

Refer Section 3

### Last date to apply: 31.05.2022

### Commencement of Classes: 01.07.2022

### Program Description

The MCh programme will enable the orthopedic surgeon to provide specialist level pediatric orthopaedics services training that includes assessment, diagnosis of simple and complex pediatric orthopaedics problems, appropriate investigations, conservative and operative management.

### Focus

Congenital lower limb disorder, paralytic disorder of children, trauma and infective disorders of limbs in children

### Career Prospects

There are only few recognised MCh course in Paediatric Orthopaedics in India. Demand for pediatric orthopedic surgeon will be tremendous from medical colleges, corporate hospitals, and tertiary care centers across the country.

Also visit:

<https://manipal.edu/kmc-manipal/department-faculty/department-list/PediatricOrthopaedics.html>

## MCh (Urology)

### Duration

3 Years

### Eligibility Criteria & Admission Process

Refer Section 2

### Course Fees, Hostel Fees, Refund Rules

Refer Section 3

### Last date to apply:

Refer NEET 2022 guidelines

### Commencement of Classes:

As per NMC guidelines

### Program Description

This program offers postgraduates ample exposure to teaching, surgical skills in Urology, and development of cognitive skills in Urology.

### Focus

Training focuses on Endourology, Reconstructive Urology, Urooncology.

### Career Prospects

The training provides the platform to work as

- Consultant in Private practice or corporate set-up
- Fellowship in subspecialties
- Teaching Faculty in Institutions

Also Visit:

<https://manipal.edu/kmc-manipal/department-faculty/department-list/urology.html>



## M.Ch Plastic and Reconstructive Surgery

**Duration**  
3 years

**Eligibility Criteria & Admission Process**  
Refer **Section 2**

**Course Fees, Hostel Fees, Refund Rules**  
Refer **Section 3**

**Last date to apply:**  
Refer NEET 2022 guidelines

**Commencement of Classes:**  
As per NMC guidelines

### Program Description

M.Ch Plastic and reconstructive surgery course in KMC is an advanced three year Superspeciality course sanctioned by MCI. The M.Ch Plastic Surgery trainee undergoes comprehensive training in emergency and elective plastic surgical procedures.

### Focus

- Acute and late management of Burns
- Harvesting of skin grafts with electric dermatomes and manual dermatomes
- Skin allotransplantation

### Career Prospects

- Faculty position - Starting as Assistant Professor in teaching institutions
- Can pursue focus for further expertise in a particular area in Plastic, Cosmetic and reconstructive surgery.

Also Visit:

<https://manipal.edu/kmc-manipal/department-faculty/department-list/plasticsurgery.html>.

## M.Ch in Reproductive Medicine & Surgery

**Duration**  
3 years

**Eligibility Criteria & Admission Process**  
Refer **Section 2**

**Course Fees, Hostel Fees, Refund Rules**  
Refer **Section 3**

**Last date to apply:**  
Refer NEET 2022 guidelines

**Commencement of Classes:**  
As per NMC guidelines

### Program Description

Reproductive medicine and surgery is a branch of medicine that deals with prevention, diagnosis and management of reproductive problems. It is founded on the knowledge of reproductive anatomy, physiology, endocrinology and incorporates relevant aspects of molecular biology, biochemistry, pathology, imaging techniques and laboratory methods. Treatment methods include Counseling, Medical, Surgical and Assisted Reproductive Techniques.

Reproductive medicine and surgery also addresses issues of sexual education, puberty, fertility control, reproductive system disease (including sexually transmitted diseases), sexual dysfunction, pregnancy and menopause. This field incorporates and overlaps to some degree with medical endocrinology, pediatric endocrinology, genetics

and psychiatry. Specialists in reproductive medicine and surgery are basically qualified obstetricians and gynecologists who have acquired training in reproductive medicine and surgery.

Training is given to acquire proficiency in performing the mandatory procedures independently and to acquire proficiency in Assisted Reproductive Techniques procedures like case based Controlled Ovarian Stimulation, Oocyte retrieval, Embryo transfer techniques, Clinical Embryology, FET (Frozen Embryo Transfer), third party reproduction & Oncofertility.

### Focus

The aim of the course is to acquire special knowledge in all aspects of reproductive medicine and surgery, to acquire training in clinical, technical, diagnostic, medical, surgical and technological management of infertility, which would help to improve and maintain reproductive health and help people to have children at the time of their choice.

### Career Prospects

- Good scope in India/abroad to work in any Invitrofertilization Centre.
- Academic position in any college which has Reproductive Medicine & Surgery facilities
- Consultant in corporate hospital as a specialist of Reproductive Medicine & Surgery



## MPhil Psychiatric Social Work

### Duration

2 Years

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

**Last date to apply:** 30.05.2022

**Commencement of Classes:** 01.08.2022



### Program Description

The course comprises of both theory and practice in different core areas of psychiatric social work included in the curriculum. Intensive supervised training in the psychosocial assessment and interventions



### Focus

Intensive clinical exposure to the students in dealing with various mental health issues and its management.

Exposure in specialized areas such as individual, group and family therapy, psychotherapy, psychosomatic clinic, neuropsychiatry, psycho-oncology, psychology (behavioral and cognitive therapy) de-addiction services, school mental health, and community mental health programmes.



### Career Prospects

- Central and state government mental health institutes.
- State Government District Hospitals
- Multispecialty Hospitals.
- De-addiction centre
- Psychiatric rehabilitation centre.

<https://manipal.edu/kmc-manipal/department-faculty/department-list/psychiatry.html>

## Fellowship in Onco-Surgery

### Duration

2 Years

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

### Last date to apply:

International Candidates: 05.03.2022

Indian candidates: 20.07.2022

### Commencement of Classes:

August 2022



### Program Description

Fellowship in Onco-surgery comprises of training in complex cancer surgery procedures as well as Minimally Invasive Cancer Surgery.



### Focus

To evolve surgeons capable of performing ethical, evidence based, safe cancer surgeries



### Career Prospects

Surgical oncology is one of the most sort for surgical speciality. Cancer burden in India and South Asia has more than doubled over the last 26years. Hence forth trained manpower in evidence based cancer surgery is the need of the day.

<https://manipal.edu/kmc-manipal/department-faculty/department-list/surgical-oncology.html>



## Fellowship in Fetal Medicine

### Duration

2 years

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

**Last date to apply:** 30.11.2022

**Commencement of Classes:** March 2022



### Program Description

This fellowship is designed to train competent obstetrician - gynecologists in the subspecialty of Fetal medicine in collaboration with various departments such as Genetics, neonatology, paediatricsurgery, Radiology, pathology and clinical psychology. Learning an integrated approach to fetal medicine including further management aspects of fetal abnormalities since Fetal Medicine is an upcoming branch of obstetrics with high demand now a days.



### Focus

Obstetric Ultrasound in screening and diagnosis of fetal abnormalities; Ultrasound and invasive procedures in twin pregnancies; Counselling couple on the available options and prognosis of specific conditions; Basic diagnostic invasive procedures; Handling the genetic aspects of fetal abnormalities; Understanding principles of perinatal autopsy



### Career Prospects

Good scope in India/abroad. Can help in functioning of Advanced Fetal Medicine work with a good team in respective setting. Also, further prospects of international collaboration in clinical care and training.

<https://manipal.edu/kmc-manipal/department-faculty/department-list/obstetrics-gynaecology.html>

## Fellowship in Gynecologic Oncology

### Duration

1 year

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

**Last date to apply:** 15.04.2022

**Commencement of Classes:** 01.07.2022



### Program Description

This fellowship is designed to teach competent obstetrician – gynecologists to become experts in screening, diagnosis and management of Gynecologic malignancies with a comprehensive multidisciplinary approach



### Focus

Learning various screening and diagnostic modalities and Management of cancer cervix, uterus, ovaries, vagina, vulva and Fallopian tube and gestational trophoblastic tumors



### Career Prospects

The candidate would be able to provide comprehensive gynecologic oncology services even outside the preview of specialized gynecologic oncology centers

<https://manipal.edu/kmc-manipal/department-faculty/department-list/obstetrics-gynaecology.html>

## Fellowship in Neuroanaesthesia

### Duration

1 year

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

**Last date to apply:** February, 2022

**Commencement of Classes:** 31.12.2022



### Program Description

It will train anesthesiologists to recognize and understand the physiology and pathophysiology of neurological and neurosurgical diseases and train them in the management of these patients.



### Focus

Management of neurosurgical cases in the Operation Theater, including management of neurovascular surgeries, epilepsy surgeries, posterior fossa surgeries, awake craniotomies, spine surgeries, peripheral nerve surgeries, trauma etc.



### Career Prospects

in Neuro anesthesia and Neurocritical care in a high volume centre and a post-doctoral fellowship recognized by a competent body (such as Indian Society of Neuroanesthesia and Critical Care) should enable trainees to provide specialist Neuroanesthesia care and incorporate the latest advances in the field of Neuroanesthesia into their routine clinical practice.

<https://manipal.edu/kmc-manipal/department-faculty/department-list/anaesthesiology.html>

## Fellowship in Pediatric Anesthesia

### Duration

1 year

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

**Last date to apply:**

Batch 1 - May 2022

Batch 2 - December 2022

**Commencement of Classes:**

Batch 1 - July 2022

Batch 2 - February 2022



### Program Description

This 12-month, IAPA-approved course aims at training candidates in anaesthetizing children belonging to all ages including newborn and neonates. Specialties include Paediatric Surgery, Paediatric Orthopaedic, Paediatric Neurosurgery, Paediatric Cardiac Surgery, Paediatric ENT & Urological procedures.



### Focus

They will have exposure to provision of General Anaesthesia and Regional Anaesthesia. Fellows will also be involved in managing Paediatric surgical emergencies. The Fellows will also have a posting of 15 days each in Paediatric intensive care and in Neonatal ICU.



### Career Prospects

Training in Paediatric Anaesthesia in a high volume centre and a post-doctoral fellowship recognized by a competent body (such as IAPA) should enable trainees to provide specialist care and incorporate the latest advances in the field of Paediatric anaesthesia in to their routine clinical practice.

<https://manipal.edu/kmc-manipal/department-faculty/department-list/anaesthesiology.html>



## Fellowship in Advanced Obstetrics Ultrasound

### Duration

1 year

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

**Last date to apply:** 30.11.2022

**Commencement of Classes:**

March 2022



### Program Description

This course aims to provide adequate training to young Obstetricians and Radiologists to perform Obstetric ultrasound to International standards.

This short-term course is aimed at practising Obstetricians and Radiologists who don't aspire to Specialize in fetal medicine but would like to improve their skills in Obstetric Ultrasound scanning to complement their clinical practice



### Focus

Continuous learning process with theory and practical knowledge combined with hands on experience so that they would be able to perform obstetric scans across all gestations with confidence. During this period, they would be given adequate training to obtain the certificates of competencies from the fetal Medicine Foundation UK.



### Career Prospects

This certificate course will give them an edge over other young obstetricians/ radiologists to perform obstetric ultrasounds with confidence, will give them competency certifications for NT/ targeted mid-trimester anomaly scans in par with international standards, will help them to practice high risk maternal-fetal medicine. Overall, this will help them get better opportunity for getting jobs in high-risk obstetric practice.

<https://manipal.edu/kmc-manipal/department-faculty/department-list/obstetrics-gynaecology.html>

## Fellowship in Oncopathology

### Duration

1 year

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

**Last date to apply:** 09.07.2022

**Commencement of Classes:** 01.08.2022



### Program Description

Oncopathology forms one of the core competencies of comprehensive cancer care, fellowship in Oncopathology is a structured full-time post-doctoral training program of one-year duration offered by the Department of Pathology, Kasturba Medical College, Manipal & affiliated to the Manipal Academy of Higher Education(MAHE).



### Focus

The course aims to impart advanced knowledge, skills and practices of Oncopathology and to coach, mold & mentor a specialist in Oncopathology capable of competent ethical practice individually or as a part of a multidisciplinary team to further patient care & medical research.



### Career Prospects

The course aims to train the candidate for competent independent Oncopathology practice individually in medical colleges, Superspeciality cancer care centers or private hospitals.

<https://manipal.edu/kmc-manipal/department-faculty/department-list/pathology.html>

## Fellowship in Diabetes

### Duration

1 year

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

**Last date to apply:** 20.07.2022

**Commencement of Classes:** 01.08.2022



### Program Description

Fellowship in Diabetes Mellitus involves training on comprehensive Management of Diabetes Mellitus. The focus will be on providing knowledge and clinical skills on various aspects of Diabetes management including diagnostics, therapeutics, complication screening and management, preventive care, diabetes education and counselling and the use of latest technology.



### Focus

To develop expertise in the compressive management of various aspects of Diabetes Mellitus



### Career Prospects

The state of art training in comprehensive management of Diabetes will help them in excelling In their careers and provide evidence based diabetes care to their patients and community in large.

<https://manipal.edu/kmc-manipal/department-faculty/department-list/endocrinology.html>

## Fellowship in Neonatology

### Duration

1 year

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

**Last date to apply:** 30.05.2022

**Commencement of Classes:** 30.07.2022



### Program Description

Fellowship candidates are trained in skilled/comprehensive management of critically ill babies with exposure to research activities in the unit and helping them in independently setting up the new Neonatal care unit in future.



### Focus

Core Neonatology



### Career Prospects

Consultant posts in Special care neonatal units (SCNU) and Neonatal Intensive care unit (NICU)

<https://manipal.edu/kmc-manipal/department-faculty/department-list/paediatrics.html>

## Fellowship in Skull-base and Head & Neck Surgery

### Duration

1 year

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

**Last date to apply:** 30.05.2022

**Commencement of Classes:** 30.07.2022



### Program Description

The objective of this two-year course is to train the selected candidate to acquire adequate knowledge and clinical, surgical and communication skills to appropriately handle independently the cases with head and neck and skull base tumor in a multi-disciplinary treatment setting. The candidate will have exposure to such cases being managed by the Department of ENT-Head and Neck Surgery in collaboration with other specialties. The candidate will also be exposed to the endoscopic endo-nasal approaches to the anterior skull base and LASER surgeries of the head and neck. He/ she will also be encouraged and supported to do research and publish original articles in this field in reputed journals and to take part in related academic activities like tumor board, hands-on workshop/CMEs and conferences. There will be an exit examination at the end of the course.



### Focus

Develop skills in the sub-speciality of skull-base and head and neck surgery including oncology.



### Career Prospects

The fellow will have options to either practice independently or to take up full time assignments in medical colleges or hospitals in this field. The fellow may even pursue advanced courses internationally or MCh (Head & Neck surgery), a super-speciality course, in India.

<https://manipal.edu/kmc-manipal/department-faculty/department-list/ent.html>



# KASTURBA MEDICAL COLLEGE [KMC]

One of the best destinations in South Asia with the finest learning environment and ecosystem that enables the students to become outstanding medical professionals



## Ranking

# #10

Ranked 10th among Top Private Medical Colleges in India

Source: India Today, 2021

# #21

Ranked 21st among top medical colleges in India

Source: National Institutional Ranking Framework (NIRF), Ministry of Human Resource Development, Government of India 2020

# #23

Ranked 23rd among Top Private Medical Colleges in India

Source: Hansa Week Survey 2019

# #29

Ranked 29th among Top Medical Colleges in India

Source: India Today, June 2020

## Mangalore Campus

Kasturba Medical College, Mangalore was started in 1955, utilizing the clinical facilities of the Government Wenlock Hospital and Government Lady Goschen Hospital. Apart from the two Government hospitals, there is a teaching hospital attached to the college, namely, the KMC Hospital, Attavar, established in 1992. Students get wide clinical exposure in private as well as government hospitals that enriches their learning and clinical skills. This model was conceptualised by our visionary leader and founder Dr T M A Pai. This was the first public-private partnership for medical education and health care delivery in India. The faculty members are highly motivated and excel in all facets of their professionalism like teaching, research and the well-appreciated patient care.

Students from 45 countries have graduated from KMC, and the degrees have been recognized worldwide.

## Recognitions/Accreditations

- Recognized by National Medical Commission of India
- National Institutional Ranking Framework, Ministry of Human Resource Development, Govt of India has ranked KMC, Manipal as 9th and KMC Mangalore as 23rd best medical school in India in the year 2021.
- KMC, Mangalore is recognized as one among 20 International Medical Schools by the Educational Commission for Foreign Graduates (ECFMG) for electronic credentials verification program.
- Partner medical school for visiting students' application services (VSAS), an initiative of Association of American Medical Colleges (AAMC)
- Certified for ISO 9001:2015 and EMS 14001:2015 standards

## Infrastructure Highlights

### Classes

KMC, Mangalore has airconditioned smart lecture halls and demonstration rooms with with audiovisual aids and well-equipped student labs. Didactic lectures are recorded and posted for students'

reference. E-learning management portal assists students in accessing the class presentations, participate in online quiz, submit self-directed and case based learning assignments and connect with their teachers personally. Objective Structured Practical/Clinical

Examination for assessment along with use of Exam Pad for written exams has been widely lauded by students. Our institution has adapted to the new Competency based Medical Education (CBME) designed curriculum initiated for Phase I students of 2019 batch and as per the directives of Medical Council of India (MCI) and continued with the NMC directives for the 2020 batch as well. The postgraduate programmes MD, MS & MSc function through a planned curriculum as per the NMC guidelines and the university norms.

KMC, Mangalore conducts innovative teaching to impart curriculum. Various methodologies like flipped class, Problem based learning, Case based learning, guest lectures via Skype, Student seminars etc. are

conducted. The institution firmly believes that knowledge should be based on scientific principles, and graduates should have developed appropriate learning and clinical skills and professional attitudes. We believe that our graduates should be competent to practise safely, ethically and effectively under supervision while undergoing further vocational training to become independent practitioners.

With the advent of CBME, university has implemented Inpods software platform, which facilitates assessments ( formative and summative) and mapping of assessment to competency.

### Museum

KMC, Mangalore has well-maintained museums in the departments of Anatomy, Pathology and Microbiology. Students are exposed to a wide variety of normal as well as diseased organs that have been organized system wise for enhancing the students' visual learning experience.

### Libraries

KMC, Mangalore has an excellent Central Library, which has the capacity to accommodate 800 students at a time. The library has over 10,000 books and subscribes to more than 350 journals annually. There is one more library at the Basic Science Campus in Bejai.

The library is centrally air conditioned and well-structured with separate book sections with open access for undergraduate at the basement and postgraduate/reference section in the ground floor. Separate sections are maintained for the current periodicals, the back volumes and also for group discussion reading. Besides the comfortable seating and reading environment, the library is well equipped with modern facilities such as access to internet and web resources, including online journals and e-books. The library also has many thesis titles for reference. The library provides a growing range of online databases on the campus network. Access to e-resources (online databases, online journal and e-books etc.) subscribed by the

library is also available to all the users (students, researchers and faculty members). The library has provided 'Ovid Discovery Service' (Single Window Search tool) to find relevant information across all library subscribed e-resources, open access resources, library catalogue and MAHE digital repository using the single search box. This tool can search across all subscribed e-resources. All the library collection and services have been fully automated on modern lines using library management software. Users can search all the print resources (books, journals, back volumes of journals, theses, WHO publications, etc.) of the library through library's online catalogue. The library is enabled with RFID technology, Wi-Fi and security systems with Closed Circuit Television (CCTV). The library also provides various research/project support services.

### Laboratories

KMC, Mangalore has state-of-the-art centralized lab facility for Clinical Pathology, Clinical Microbiology and Clinical Biochemistry, having the latest equipment and track system to facilitate prompt clinical laboratory services. It utilizes the concept of core laboratory and automated workflow handling of samples ensuring accurate and timely delivery of patient reports. Most of the diagnostic tests are conducted by fully automated, advanced instruments and are monitored by strict quality control and quality assurance programmes.

KMC also has an innovative, modern clinical skills lab where students are trained on various physical skills related to various organ systems, preparing them for real patient encounters. The Skills Lab imparts training to all students in basic and advanced life support skills.

KMC Laboratories Services has been accredited by National Accreditation Board for Testing and Calibration Laboratories (NABL) since 2009.

### Simulation Centre

The Medical Simulation Centre at Manipal Academy of Higher Education is a state-of-the-art training and research facility equipped with manikins (anatomical models of the human body, used in teaching the art of medicine and medical equipment). The centre enables students gain the experience and insights that are best learned in realistic conditions. These simulations focus on training medical students and health professionals about what to expect and more importantly, how to react.

### Research Excellence

KMC, Mangalore encourages students to undertake mentored student research projects like ICMR- STS and university sponsored projects. Department of Community Medicine has a programme for mentored student's projects where in all UG students are given a topic of research and guided through the process by mentors from the department.

KMC, Mangalore is also the medical college having maximum number of ICMR-short term studentships in the entire country.

Student Research Forum organizes talks and the student research day, which showcases all the research projects executed by the students. Regular training sessions are conducted by research cell on research methodology and writing research papers.

The University also supports students research by granting the MU Student research grant.

One of the distinctiveness of this esteemed institution is its "Expanding in research and Internationalization". Research and Internationalization are two faces of the coin of this prestigious institution. With this benchmark, the institution is committed to increase interdisciplinary grant, industry collaborated research, internationally valid research with evidence based approach, to admit PhD scholars and create a platform to improve high quality research output, increase research publications in Q1 journals



to showcase our institutional research strength globally. The research in turn promotes internationalization in terms of inter-university global research, exchange of international students and faculty with huge academic benefit from the international adjunct faculty.

KMC, Mangalore has played an exemplary role in establishing long term international academic and research collaborations with the University of Kentucky, Universite de Lille, Leiden University Medical Center, University of Mississippi and Maastricht University to name a few.

### Research Excellence in Numbers

For the last 5 years	
Publications	2825
Books Published	49
Workshops and Seminars	218
Research Projects	201
Clinical Trials	52

Mentored Student Project: Students are encouraged to take up short time research project mentored by faculties and present their research findings in various national and international conferences.

### Research support for undergraduate, postgraduate and superspeciality students

- Regular Workshops on research methodology, biostatistics, epidemiology, ethics, biosafety best practices, and manuscript preparation-publication for undergraduate and postgraduate students
- Mentored research projects
- KMC, Mangalore supports and encourages students to participate in national and international conferences and to present research papers.
- Grants have been received from Indian Council of Medical research for undergraduate and postgraduate research work

### International Student Elective Options

- University of Utrecht
- University of Nottingham
- University of Groningen
- University of Maastricht
- Lancaster University
- University of Aberdeen
- University of Lille
- Medical University of Graz
- University of Minnesota
- Ochsner Health System
- Weil Cornell School of Medicine
- Mount Sinai Health System
- Maimonides Medical Center
- University of Illinois, Chicago
- University of Chicago
- Larkin Community Hospital, Miami
- Boston University Sch of Med, Boston
- Yale School of Medicine, New Haven
- George Washington U Sch of Med
- Univ Massachusetts Med Sch,
- Berkshire Medical center, St.
- Vincent's hospital, UMMHC
- West Virginia U SOM-Morgan town
- UT Sch of Medicine San Antonio
- Loyola U Chicago Stritch SOM,
- Maywood, IL
- University of South Florida

- University of Florida
- Temple University
- University of Kentucky
- Flinders University, Australia
- University, Canada

### International Partnerships for academic, research and industry collaboration

- Charite-Universitaetsmedizin, Germany
- State University of Zanzibar (SUZA), Tanzania
- Australian Rickettsial Reference Laboratory (ARRL) and Department of Infectious Diseases, Barwon Health (BH)
- Hawassa University, Ethiopia
- University of Rochester, USA
- The Regents of the University of Michigan, USA
- MERCK-SERONO, Mumbai
- The National Human Genome Research Institute (NHGRI), USA
- Philips Electronics India Pvt Ltd
- James Cook University, Australia
- University of Wollongong, Australia
- The University of Sydney, Australia
- McGill University, Canada
- University Court of the University of Aberdeen, Scotland
- University of Arkansas for Medical Sciences (UAMS), USA
- University of Queensland, Australia
- Mekelle University, Ethiopia
- The University of Nottingham, UK
- The University of Chicago (TUC), USA
- Ochsner Clinic Foundation, USA
- Medical University of Graz, Austria
- University of Kentucky, USA
- Royal Liverpool & Broadgreen University Hospitals, UK
- The University of Sydney, Australia
- Griffith University, Australia
- University of Nicosia, Cyprus
- RAK Medical & Health Sciences University, UAE
- University of Kansas Medical Centre, USA
- UCAM Universidad Catolica San Antonia De Murcia, Spain

- The Catholic University of the North, Chile
- The University of Kentucky's Markey Cancer Center, USA
- Karabuk University, Turkey
- The Universidade Estadual De Campinas (UNICAMP), Brazil
- Westfälische Wilhelms – Universität Munster (WWU), Germany
- University of Groningen, The Netherlands
- Aarhus University, Denmark
- The University of Nottingham, Public Health Foundation of India and The University of Bath
- University of Nottingham, University of Bath and HRIDAY, New Delhi
- The University of Stirling, Scotland
- University of Hull, UK
- The University of Lille, France
- The University of Mississippi, USA
- Universiti Teknologi Mara, Malaysia
- UMIT, Austria
- California State University, USA
- Limbus AI Inc, Canada
- Wrocław University of Science and Technology, Poland
- National Yang-Ming University, Taiwan
- The University of Arizona, USA
- Health Education England.
- University of Nevada, USA.
- The University of Michigan, USA
- The University of New Brunswick, Canada
- UCSI University, Malaysia
- Touro University California
- University of Groningen
- The University of Manchester
- University Of Toronto
- Temple University
- AAMC - Clinical Training Affiliation Agreement
- Henry Ford Health System
- Srinakharinwirot University - SWU, Thailand
- University of Manitoba
- Wellcome Sanger Institute, UK
- Academic Medical Center, Amsterdam
- King's College, London
- University of Oxford

## Bachelor of Medicine & Bachelor of Surgery

### Duration

4 ½ years plus 1 year compulsory internship.

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

### Last date to apply:

Refer NEET 2022 guidelines

### Commencement of Classes:

As per NMC guidelines



### Program Description

MBBS is an Under Graduate (UG) professional course designed to train students in all fields of medicine and surgery such that students become competent, compassionate, and caring physicians through excellence in teaching, patient care, and medical research. The course spans for four and a half years divided into semesters, followed by a compulsory internship for a year. The course is regulated by the governing body and adheres to the prescribed competency based medical education (CBME) curriculum.



### Focus

The program focusses on Preclinical (Anatomy, Physiology and Biochemistry), Para-clinical (Pharmacology, Pathology, Microbiology, Forensic Medicine, Community Medicine) and Clinical (Oto-rhino-laryngology, Ophthalmology, Dermatology, Pediatrics, General Medicine, General Surgery, Obstetrics & Gynaecology, Radiology, Anaesthesiology) subjects



### Career Prospects

After completing this course, students get to work in capacities of a General Physician, medical officer and also pursue postgraduate studies and clinical research

## MD (Anaesthesiology)

### Duration

3 Years

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

### Last date to apply:

Refer NEET 2022 guidelines

### Commencement of Classes:

As per NMC guidelines



### Program Description

A three-year post MBBS course which enables the best patient outcomes by providing patients with the highest quality care in anaesthesiology, perioperative medicine and pain medicine.



### Focus

The focus on quality patient care will drive research, innovation, education and delivery of care. The expertise of this profession is vital in perioperative care, in pain medicine, in end-of-life care and in finding safe methods to facilitate quality and efficiency of care. Anaesthesiologists will lead perioperative and pain medicine teams that will provide patient care inside and outside the perioperative environment.



### Career Prospects

Following the 3-year course, students have the option to further continue their education in several super specialty branches in anaesthesiology ranging from fellowship programs offered by several renowned centers in India and outside the country, in cardiac anaesthesia, neuro anaesthesia, pediatric anaesthesia, critical care, pain medicine, emergency services and upcoming simulation field. There are also DM courses offered in cardiac anaesthesia, neuro anaesthesia, critical care, transplant anaesthesia and pain medicine. They can pursue research interest by joining several programs.

## MD (Anatomy)

### Duration

3 Years

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

### Last date to apply:

Refer NEET 2022 guidelines

### Commencement of Classes:

As per NMC guidelines



### Program Description

A three-year, non-clinical postgraduate course. Anatomy educates the candidate about the organization of the human body including gross osteology, histology, embryology, neuroanatomy, anthropology, applied or clinical anatomy, basics of genetics, radiological anatomy and surface anatomy. Also included are topics of staining, embalming and museum techniques.



### Focus

The postgraduate student will acquire skills in teaching anatomy to medical students and students of other health care professional courses. They will be enabled with skills to integrate teaching of anatomy with other relevant subjects. Their pedagogical skills will be honed and they will be moulded into good assessors.



### Career Prospects

On successful completion of the course the graduate can join as faculty and start teaching career in any medical/ dental/ health care professional courses or pursue their research interest through Ph. D program. They can also work in clinical embryology laboratory/centers.

## MD (Biochemistry)

### Duration

3 Years

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

### Last date to apply:

Refer NEET 2022 guidelines

### Commencement of Classes:

As per NMC guidelines



### Program Description

A comprehensive course towards making of a clinical biochemist competent in molecular & cellular aspects of human biology & metabolism and their clinical relevance, applied aspects and basic laboratory instrumentation, investigations & interpretation pertaining to biochemistry diagnostics at all levels of delivery of health care services.



### Focus

The course focuses on priming the student to be a competent biochemist and develop self-directed learning skills, recognize continuing educational needs; use appropriate learning resources and inculcate research temper and also critically analyze relevant published literature in order to practice evidence based biochemistry.



### Career Prospects

Following the course, students have the option to teach at medical colleges, work in clinical labs as quality and technical managers. They can pursue their research interest by joining PhD programs. They qualify to join pharmaceutical and diagnostics industry in the management of advanced lab processes/techniques and also as members of accreditation bodies.

## MD (Community Medicine)

### Duration

3 Years

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

### Last date to apply:

Refer NEET 2022 guidelines

### Commencement of Classes:

As per NMC guidelines



### Program Description

A three year course, training postgraduates in providing health care ranging from promotive, preventive, curative and rehabilitative services. Apart from academics they also participate in various national health surveys, screening camps, research activities. They have external postings where they are exposed to clinical departments to learn concepts of palliative care, maternal and child health services, mental health, communicable and non-communicable diseases.



### Focus

At the end of the course the candidate would be able to diagnose and treat minor illnesses in the community; plan, organize, implement and evaluate health programs by identifying health needs and demands of the community; work as a team leader; plan and implement health education programs



### Career Prospects

They can become primary care physicians, committed teachers, researchers, hospital administrators, occupational health specialists, pharmaco epidemiologist in pharmaceutical industries and consultants in various NGOs and world health bodies. They can formulate, plan and evaluate health programs and therefore have prospects to lead and manage health programme implementation at the regional and national level. Another area that has excellent prospects post MD in community medicine is the epidemic intelligence service, an area of applied epidemiology.

## MD (Dermatology, Venerology & Leprosy)

### Duration

3 Years

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

### Last date to apply:

Refer NEET 2022 guidelines

### Commencement of Classes:

As per NMC guidelines



### Program Description

A three year postgraduate program providing comprehensive training in dermatology, venereology and leprosy.



### Focus

Other than clinical dermatology, leprosy and venereology there is scope for learning latest therapeutic methods, dermatosurgery, medical cosmetology etc.



### Career Prospects

The postgraduates have the option to do fellowships in the field of dermatosurgery, cosmetology, paediatric dermatology etc. They can also join medical colleges as medical teachers in dermatology or pursue private practice.

## MD (General Medicine)

### Duration

3 Years

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

### Last date to apply:

Refer NEET 2022 guidelines

### Commencement of Classes:

As per NMC guidelines



### Program Description

In a three year residential program, the young bright minds are trained in both government as well as private facilities. It is a broad speciality that deals with the comprehensive approach to the diagnosis and management of diseases of the human body by enthusiastic experienced faculty, which includes infectious diseases, cardiology, endocrinology, critical care, nephrology, respiratory medicine and many more branches of medicine. Research is one of the strong pillars of the department encouraging post graduates to carry out research activities.



### Focus

To produce a competent physician who recognizes the health needs of adults and carries out professional obligations in keeping with the principles of National Health Policy and Professional Ethics both in outpatient, inpatient and intensive care management under the guidance of experienced faculty. Research is an integral part of the course – postgraduates are expected to present posters/papers in conferences, publish case reports / original articles in indexed journals.



### Career Prospects

After completion of the course, the postgraduate has the opportunity to specialize in various branches like Neurology, Cardiology, Infectious Disease etc. They also have option to pursue fellowship, PhD courses, specialise in research, be an academician or serve the community as a physician.

## MD (Microbiology)

### Duration

3 Years

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

### Last date to apply:

Refer NEET 2022 guidelines

### Commencement of Classes:

As per NMC guidelines



### Program Description

A comprehensive course towards the making of the Clinical microbiologist with trainings in general microbiology, immunology, bacteriology, virology, mycology and parasitology. Students are exposed to the infection control and preventive practices along with the biomedical waste management.

Exposure to RNTCP / state reference laboratory for HIV testing helps the student to understand the basics of the national programmes too.



### Focus

The course focusses on grooming the student through the medical regulatory body curriculum. The compulsory dissertation offers the students to pursue subjects of their interest in research. Research encouragement, opportunity for the students to interact with the clinicians, ICU posting etc offer the students a rich learning experience.



### Career Prospects

Following the course, students have the option to further their education - PhD in microbiology or direct DNB exams. Eligibility to pursue studies in foreign universities is also attained with respect to infectious disease, bacteriology, virology and infection control in health care set up. They qualify to join Industry as research scientists, join government health services as a Medical Officer or get into teaching profession in the medical colleges, or consultant microbiologist/ infection control officers in corporate hospitals.

## MD (Paediatrics)

**Duration**  
3 Years

**Eligibility Criteria & Admission Process**  
Refer Section 2

**Course Fees, Hostel Fees, Refund Rules**  
Refer Section 3

**Last date to apply:**  
Refer NEET 2022 guidelines

**Commencement of Classes:**  
As per NMC guidelines



### Program Description

A 3-year postgraduate course imparting training in neonatal / paediatric ICUs, emergency care and wards. Students are also exposed to wide learning base at Advanced Paediatric Care Centre for maternal and neonatal care. Exposure to in depth subject specialities like paediatric haematology oncology, neonatology, rheumatology and adolescent care are also offered through the course.



### Focus

The course focuses on grooming doctors with competence in managing children in various situations ranging from outpatient management to paediatric and neonatal intensive care. Students are encouraged to do research and present their work in national and international conferences and publish their work in medical journals.



### Career Prospects

At the end of this course, the postgraduates have the options of furthering their careers in any of the subject specialities as per their interest. They are qualified paediatricians and can begin their career graph as medical teachers or practicing paediatricians in the community.

## MD (Pathology)

**Duration**  
3 Years

**Eligibility Criteria & Admission Process**  
Refer Section 2

**Course Fees, Hostel Fees, Refund Rules**  
Refer Section 3

**Last date to apply:**  
Refer NEET 2022 guidelines

**Commencement of Classes:**  
As per NMC guidelines



### Program Description

The three year postgraduate program makes the postgraduates acquire experience in the various facilities offered in the department, namely, histology and immunohistochemistry, nerve and muscle biopsy reporting, immunofluorescence for vesiculo-bullous skin diseases, haematology and clinical pathology, flow cytometry for the diagnosis of leukaemias, lymphoproliferative disorders, myelomas, CD4 counts and HLA B 27, immunohematology and blood banking, and cytopathology.



### Focus

The course focuses on preparing the postgraduate to diagnose, interpret, correlate and advise on the various laboratory tests in the management of various diseases. Postgraduates are exposed to histopathology, cytology, haematology, clinical pathology, blood banking, autopsy pathology, microbiology and biochemistry. They are also given ample opportunities for carrying out and presenting their research work.



### Career Prospects

After successful completion of the course, one can opt to teach and work in a medical institution, or work as laboratory physicians. They can also choose to subspecialize by joining for fellowship/DM programs or pursue their research interest by enrolling in various PhD programs.

## MD (Pharmacology)

**Duration**  
3 Years

**Eligibility Criteria & Admission Process**  
Refer Section 2

**Course Fees, Hostel Fees, Refund Rules**  
Refer Section 3

**Last date to apply:**  
Refer NEET 2022 guidelines

**Commencement of Classes:**  
As per NMC guidelines



### Program Description

A paraclinical specialty course to acquire competency in teaching, research and pharmaceutical industry related work. The curriculum is designed to help candidates to acquire comprehensive knowledge in basic and clinical pharmacology through seminars, journal clubs, discussions, hospital postings, etc. The student is expected to keep abreast with recent advances/changing trends in the field of medicine and pharmacology. Laboratory training is to reinforce the theory knowledge, to translate it into applied aspects and to develop skills in procedures like assays, toxicity studies, techniques in molecular biology and screening tests.



### Focus

The goal is to train a medical graduate to be a specialist to promote the practice of rational drug therapy, become a competent teacher, to carry out a research project (both basic and clinical) from planning to publication, meet the requirements of academics, research and pharmaceutical industry.



### Career Prospects

After the successful completion of the course, one can opt to work in academics as a medical teacher, pharmaceutical industry/clinical research organization, government research institutions, in regulatory bodies, as scientific writer and as clinical pharmacologists in tertiary care hospitals.



## MD (Physiology)

### Duration

3 Years

### Eligibility Criteria & Admission Process

Refer Section 2

### Course Fees, Hostel Fees, Refund Rules

Refer Section 3

### Last date to apply:

Refer NEET 2022 guidelines

### Commencement of Classes:

As per NMC guidelines



### Program Description

The purpose of this programme is to systematize physiology teaching and research at post-graduate level. The program enables the candidate to effectively teach undergraduate medical and other paramedical students, conduct scientific research, acquire skills in conducting collaborative research in the field of physiology & other medical sciences.



### Focus

The program focusses on achieving a competent physiologist, capable of conducting independent research for the advancement of medical sciences, and a good medical teacher in Physiology.



### Career Prospects

Benefits in achieving a proficient physiologist, independent researcher for the advancement of medical sciences and a good medical teacher in Physiology

## MD (Radio diagnosis)

### Duration

3 Years

### Eligibility Criteria & Admission Process

Refer Section 2

### Course Fees, Hostel Fees, Refund Rules

Refer Section 3

### Last date to apply:

Refer NEET 2022 guidelines

### Commencement of Classes:

As per NMC guidelines



### Program Description

The three year course in Radiodiagnosis is aimed at imparting training in both conventional radiology and modern imaging techniques so that the candidate is fully competent to practice, teach and do research in the broad discipline of Radiology including ultrasound, Computed Tomography and Magnetic Resonance Imaging. Training is provided on regulatory norms, medical ethics and consumer protection act and the prenatal diagnostic technique (PNDT) act.



### Focus

Acquiring skills in various sub-specialties of Radiology such as neuro-radiology, GI-radiology, Uro-radiology, Vascular- radiology, Musculoskeletal, Interventional radiology, OBG imaging, emergency radiology, paediatric radiology and mammography, and be able to independently conduct and interpret all routine and special radiological and imaging investigations. The candidate should be able to perform (under supervision) basic image guided interventional procedures for diagnosis and therapeutic management.



### Career Prospects

After completion of the course, the postgraduate may take up assignments at academics, clinical research organization, government research institutions, regulatory bodies like AERB, quality related organisations, medical writing, medical school. Other options include: work in teaching / corporate hospitals in the field of diagnostic and therapeutic radiology, own / work in standalone diagnostic centres with multimodality disciplines / work in corporate bodies in R&D.



## MD (Radio therapy / Radiation Oncology)

**Duration**  
3 Years

**Eligibility Criteria & Admission Process**  
Refer **Section 2**

**Course Fees, Hostel Fees, Refund Rules**  
Refer **Section 3**

**Last date to apply:**  
Refer NEET 2022 guidelines

**Commencement of Classes:**  
As per NMC guidelines

### Program Description

Radiation Oncology is a discipline involved in using ionizing radiation for treatment, predominantly for cancers. Cancer treatment is approached in a multidisciplinary manner, and radiation therapy is integral in cancer treatment, and works in collaboration with two other disciplines, namely Medical and Surgical Oncology.

### Focus

There are two components to optimum management: general oncology, which is common to all the disciplines, and knowledge specific to the branch. Radiation Oncology is a highly specialized field that relies heavily upon technology and medical equipment for practice. Our center is well-equipped with modern radiotherapy equipment, and has a teletherapy unit capable of delivering complex treatment including Image Guided Radiotherapy (IGRT), Volumetric Modulated Arc Therapy (VMAT) and Stereotactic Radiosurgery (SRS). In addition, it also has facilities for delivery of High Dose Rate (HDR) brachytherapy.

### Career Prospects

Following postgraduation in Radiation Oncology, the candidates can choose to work in a center with radiotherapy facility, or opt to further sub-specialize in various aspects of the field by taking up fellowships. Those interested in further superspecialization can also pursue DM in Medical Oncology in selected centers offering the course.

## MS (General Surgery)

**Duration**  
3 Years

**Eligibility Criteria & Admission Process**  
Refer **Section 2**

**Course Fees, Hostel Fees, Refund Rules**  
Refer **Section 3**

**Last date to apply:**  
Refer NEET 2022 guidelines

**Commencement of Classes:**  
As per NMC guidelines

### Program Description

A three year residential program wherein study of surgical principles, technique of surgical patients is undertaken. The candidate should be able to be a competent general surgeon and teacher, conduct scientific research as it would have significant impact on human health in relation to surgical field, acquire skills in conducting different basic and major surgeries with research approach in the field of general surgery and capable of taking active participation and presentation of scientific papers.

### Focus

Surgical (General Surgery) teaching at post-graduate level. It will benefit in achieving a competent surgeon capable of diagnosing surgical cases, preoperative care, surgical technique with principles and operative surgery of various surgically related conditions.

### Career Prospects

Benefits in achieving a proficient surgeon, independent researcher for the advancement of medical sciences, eligible to take entrance examinations for further studies like MCh and DNB in super speciality subjects. They can join as teachers in surgical department in medical colleges.

## MS (Obstetrics & Gynaecology)

**Duration**  
3 Years

**Eligibility Criteria & Admission Process**  
Refer **Section 2**

**Course Fees, Hostel Fees, Refund Rules**  
Refer **Section 3**

**Last date to apply:**  
Refer NEET 2022 guidelines

**Commencement of Classes:**  
As per NMC guidelines

### Program Description

A 3 year postgraduate course which trains in comprehensive medical and surgical care dealing with the management of pregnancy and its complications, disorders affecting the female genital tract and problems in relation to human reproduction.

### Focus

**Obstetrics:** Train candidates in Antenatal care, Labor and delivery, Management of high risk pregnancies, Surgical operative skills in obstetrics, basic knowledge and skill in Ultrasonography.

**Gynaecology:** Management of benign and malignant disorders affecting the female genital tract and problems in relation to human reproduction with relevant training in Surgical skill in open as well as Laparoscopic surgeries.

### Career Prospects

Working at a medical college hospital/ private practice. Can further specialize in Fetal Medicine, Gynaec-Endoscopy, Assisted reproductive techniques, Gynaec-Oncology, High risk pregnancy

## MS (Ophthalmology)

### Duration

3 Years

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

### Last date to apply:

Refer NEET 2022 guidelines

### Commencement of Classes:

As per NMC guidelines



### Program Description

MS Ophthalmology course offers comprehensive training and education in the field of Ophthalmology. Ophthalmology is a branch of medicine dealing with the diagnosis, treatment and prevention of diseases of the eye and visual system. It is a unique branch amongst medical specialities as it blends medicine and surgery in a unique way complemented with advanced new technology both in diagnostic and therapeutic aspects of ophthalmology. It combines the diagnostic and therapeutic abilities of a physician and technical skills of a microsurgeon with comprehensive medical care to the patient. The course combines both academic and clinical knowledge and makes the graduate competent enough to deliver tertiary level eye care in ophthalmic science.



### Focus

The course offers exposure into medical and surgical aspects of eye diseases and opportunities to do research in the field. The candidate also gets exposure to subspecialties in Ophthalmology like Retinal disorders, Glaucoma, Paediatric and Neuro-ophthalmology. A good academic exposure in the form of bedside clinics, seminars, journal club and microteaching combined with training in ophthalmic microsurgery grooms a graduate into a competent ophthalmologist



### Career Prospects

Following the course, the student can pursue a career in various subspecialties of ophthalmology. He can join academics as a medical teacher.

## MS (Orthopaedics)

### Duration

3 Years

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

### Last date to apply:

Refer NEET 2022 guidelines

### Commencement of Classes:

As per NMC guidelines



### Program Description

A three-year comprehensive post-graduation course training in medical and surgical management of trauma and musculoskeletal conditions. Involves teaching, ward work, outpatient management and regular surgical work. Postgraduates are exposed to good clinical and surgical exposure and cases of all subspecialties are done regularly.



### Focus

The course focuses on training a postgraduate in both academic, research and surgical skills. The college encourages students to involve in research, both thesis and beyond thesis.



### Career Prospects

After completion of the course, students have ample opportunities to work as an orthopaedic surgeon in India both in central and government institutions, corporate hospitals, private practice on own and even abroad also. They can further pursue fellowships in subspecialties of their interest like arthroplasty and joint reconstruction, spine surgery, arthroscopy and sports medicine, paediatric orthopaedics, foot and ankle surgery and orthopaedic oncology.

## MS (Oto-Rhino-Laryngology)

### Duration

3 Years

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

### Last date to apply:

Refer NEET 2022 guidelines

### Commencement of Classes:

As per NMC guidelines



### Program Description

Provides training in comprehensive medical and surgical care of patients with diseases and disorders that affect the ears, the respiratory and upper alimentary systems, and related structures of the head and neck. The program is spread over 3 years with the candidates gradually honing their skillset at each year and being able to handle majority of the cases independently towards the completion of the course.



### Focus

The main focus of the program is to prepare the post-graduates to be able to handle wide variety of ear, nose, throat and head and neck conditions including various ENT and head and neck surgeries like cochlear implantation, micro-ear surgery, thyroplasty, microlaryngeal surgery, endoscopic nasal and ear surgery.



### Career Prospects

Once completed, several paths are open into: Head & Neck Oncology, Otology, Rhinology, or Laryngology as sub-specialties, Skull Base Surgery, Facial Reconstructive or Plastic Surgery, Pediatric Otorhinolaryngology

## MSc (Medical) – Anatomy

### Duration

2 years (4 semesters)

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

**Last date to apply:** 15.05.2022

**Commencement of Classes:** 01.08.2022



### Program Description

Full time 2 years program divided into four semesters which deal with the structure of the human body. The program consists of didactic lectures, discussions, electives in other disciplines, research projects, hands-on training and exposure to various practical procedures.



### Focus

Focused areas under this degree are Gross Anatomy, Microscopic anatomy, Developmental anatomy, Osteology, Applied and Clinical Anatomy, Genetics, Anthropology, Radiological Anatomy and Surface marking of Human Body



### Career Prospects

The student, after undergoing the training, can effectively deal with the needs of the medical community and will be competent to handle all problems related to the specialty of Anatomy and recent advances in the subject. The post graduate student will have skills in teaching anatomy to medical and para-medical students and will be able to integrate teaching of relevant subjects, while being aware of her/his limitations. After successful completion of the course, one can opt to work in a medical institution

## MSc (Medical) – Biochemistry

### Duration

2 years (4 semesters)

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

**Last date to apply:** 15.05.2022

**Commencement of Classes:** 01.08.2022



### Program Description

This is a 2 year semester based program with choice based credit system implemented as per UGC guidelines. This course deals with the chemical nature, function, structure, energetic pathways of synthesis and degradation of simple to complex biological and/or cellular molecules to understand the various aspects of cellular and molecular functions in development, health and disease with applications in Biotechnology and Medicine



### Focus

There are 3 main domains for this discipline – academics, research and diagnostics. As molecular biology and biotechnology are offshoots of biochemistry, it gives foundation for all types of advanced research.



### Career Prospects

Biochemistry is a part of all medical, dental, allied health science and nursing courses. So, trained biochemist has ample opportunity as a faculty in institutes which handle such courses. Pharmaceuticals and private R&D jobs are among the most lucrative options for a new biochemistry professional.

## MSc (Medical) – Microbiology

### Duration

2 years (4 semesters)

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

**Last date to apply:** 15.05.2022

**Commencement of Classes:** 01.08.2022



### Program Description

The course includes Basic Sciences common core, General Microbiology, Immunology, Research Methodology.



### Focus

Medical Microbiology, Systematic Bacteriology, Virology, Parasitology and Mycology. Students have to opt for electives of their areas of interest other than their subject of specialization in the second and third semester of the course to expand their knowledge in topic of interest. The 4th semester of the course involves project work in the field of Medical Microbiology.



### Career Prospects

As a teacher in Medical, Dental, Nursing and Allied health colleges, can take up research, technical application specialist in the Diagnostic industry. laboratory staff in Health care settings

## MSc (Medical) – Pharmacology

### Duration

2 years (4 semesters)

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

**Last date to apply:** 15.05.2022

**Commencement of Classes:** 01.08.2022



### Program Description

It is a full time 2 years program divided into four semesters dealing with the concept of drug development and pharmacovigilance



### Focus

To prepare a competent Pharmacology postgraduate student to meet the requirements of academics, research and industry.



### Career Prospects

The job profile for graduates from M.Sc. program are as tutors in Medical/Dental College, medical writer, clinical research associate, research scientist.

## MSc (Medical) – Physiology

### Duration

2 years (4 semesters)

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

**Last date to apply:** 15.05.2022

**Commencement of Classes:** 01.08.2022



### Program Description

This two years program, which is the scientific study of the functions and mechanisms which work within the human body, is taught in four semesters.



### Focus

Common core subjects, research methodology, electives in 2nd and 3rd semester and research project in 4th semester.



### Career Prospects

After completion of Masters, opportunities are in the field of Teaching, Research ( Neurology, Endocrinology) and Research & Development in industry

## Fellowship in Infectious Diseases

### Duration

1 year

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

**Last date to apply:** 31.06.2022

**Commencement of Classes:** 01.10.2022



### Program Description

- To demonstrate understanding of the etiology, pathogenesis, clinical features, diagnosis, management and control of common bacterial, fungal, virus and parasitic infections.
- To demonstrate an understanding and attaining hands on experience in diagnostic microbiology and parasitology.
- To demonstrate ability to analyze and synthesize research findings for clinical and disease control decision making.
- To demonstrate ability to communicate relevant medical knowledge and principles at an appropriate level to patients, health care professionals, colleagues and other groups.
- To demonstrate an understanding of the role of basic and applied research in clinical and international public health.







### Focus

- To produce post MD/DNB doctors in the field of infectious diseases as it is one of the most rising concerns in India at present and helps to walk to the goal of developing antibiotic stewardship.
- There are several other fellowship programs which are conducted in other universities of which majority are distant learning sessions whereas here we are planning a one-to-one session so that we will be able to produce better quality consultants in the field of infectious diseases.



### Career Prospects

Fellowship in Infectious disease opens a wide range of opportunities for the candidates, whether they choose to practice independently or pursue a career at institutions locally and internationally.



## Fellowship in Paediatric Hematology and Oncology

### Duration

1 year

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

**Last date to apply:** 30.06.2022

**Commencement of Classes:** 01.08.2022



### Program Description

This post is suitable for doctors who are post MD /DNB or equivalent and wish to pursue a career in paediatrics with special interest in paediatric haematology or oncology or one who wants to become paediatric haematologist and oncologist. The post will be especially suitable for individuals wishing to gain specialist experience in paediatric haematology and oncology and is a full time appointment



### Focus

The programme envisaged is to provide opportunity for Paediatricians to develop the skills, clinical knowledge in the management of pediatric hematology and oncology disorders and to improve the quality of Paediatric cancer care support and treatment, in Karnataka and India



### Career Prospects

- To recognize the health needs of the childhood cancers and carry out professional obligations ethically and in keeping with the objectives of the national cancer health policy.
- To master most of the competencies pertaining to the speciality, that are required to be practiced at the primary, secondary and the tertiary levels of the health care delivery system.
- To be aware of the contemporary advances and developments in the pediatric haematology and oncology discipline.
- To acquire the spirit of scientific inquiry and is oriented to the principles of research methodology
- A comprehensive understanding of the pathophysiology of pediatric hematologic and oncologic disorders.
- Be competent in the clinical diagnosis and management of these disorders; understand clinical trials methodology and acquire competence in a selected research interest

## Fellowship in Interventional Radiology

### Duration

1 year

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

**Last date to apply:** 31.06.2022

**Commencement of Classes:** 01.10.2022



### Program Description

The objective of the program is to enable the candidate to be proficient in all areas of Interventional Radiology procedures including vascular and neuroradiology. The candidates are exposed to a wide gamut of cases and ample opportunity is given so that they will be able to handle these procedures independently.



### Focus

The program focuses on comprehensive training in all areas of interventional radiology with hands on training. Emphasis is given to improve the interventional skills and improve the knowledge and application of radiology in therapeutic interventions.



### Career Prospects

Fellowship qualifies the candidate to practice in corporate hospitals and other institutes and to establish interventional radiology procedures in the respective departments.

## Fellowship in Head and Neck Oncology

### Duration

1 year

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

**Last date to apply:** 15.06.2022

**Commencement of Classes:** 01.08.2022



### Program Description

The objective of the program is to enhance the surgical skills of the candidate in head and neck oncology and reconstruction so that the fellows can independently handle majority of the aspects of head and neck oncology and reconstruction. The candidates are exposed to multitude of cases and are given an opportunity to experience newer trends in management like application of LASER, Robotic surgery, minimally invasive surgery.



### Focus

The program focuses on broad clinical training with hands on experience in all aspects of head and neck surgical oncology and reconstruction. Emphasis is also placed on broadening the knowledge and expertise through research and application of advanced methodology and newer trends in evaluation and management of head and neck cancer.



### Career Prospects

Fellowship in Head and Neck Oncology opens a wide range of opportunities for the candidates whether they choose to practice independently or pursue a career at institutions locally and internationally. Being a rapidly evolving field requiring expertise, the training and hands on experience obtained at our center equips the Head and Neck fellows with required expertise to function independently.

## Fellowship in Geriatric Medicine

### Duration

1 year

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

**Last date to apply:** 15.08.2022

**Commencement of Classes:** 01.09.2022



### Program Description

A one-year Fellowship in Geriatrics aimed to produce internists with specialty training in the field of Geriatric Medicine.

The Fellow will be eligible for a 2-4 week period of Observership at the Geriatric Clinic at Carver College of Medicine, University of Iowa, Iowa City, U.S.A. during the Fellowship.

The course aims to attract future healthcare leaders in the field of Clinical Geriatrics.



### Focus

The course aims to provide hands on training to enable the Fellow to provide comprehensive and interdisciplinary health care and rehabilitation of older adults with serious illnesses and carry out research in the field of Geriatric Medicine.



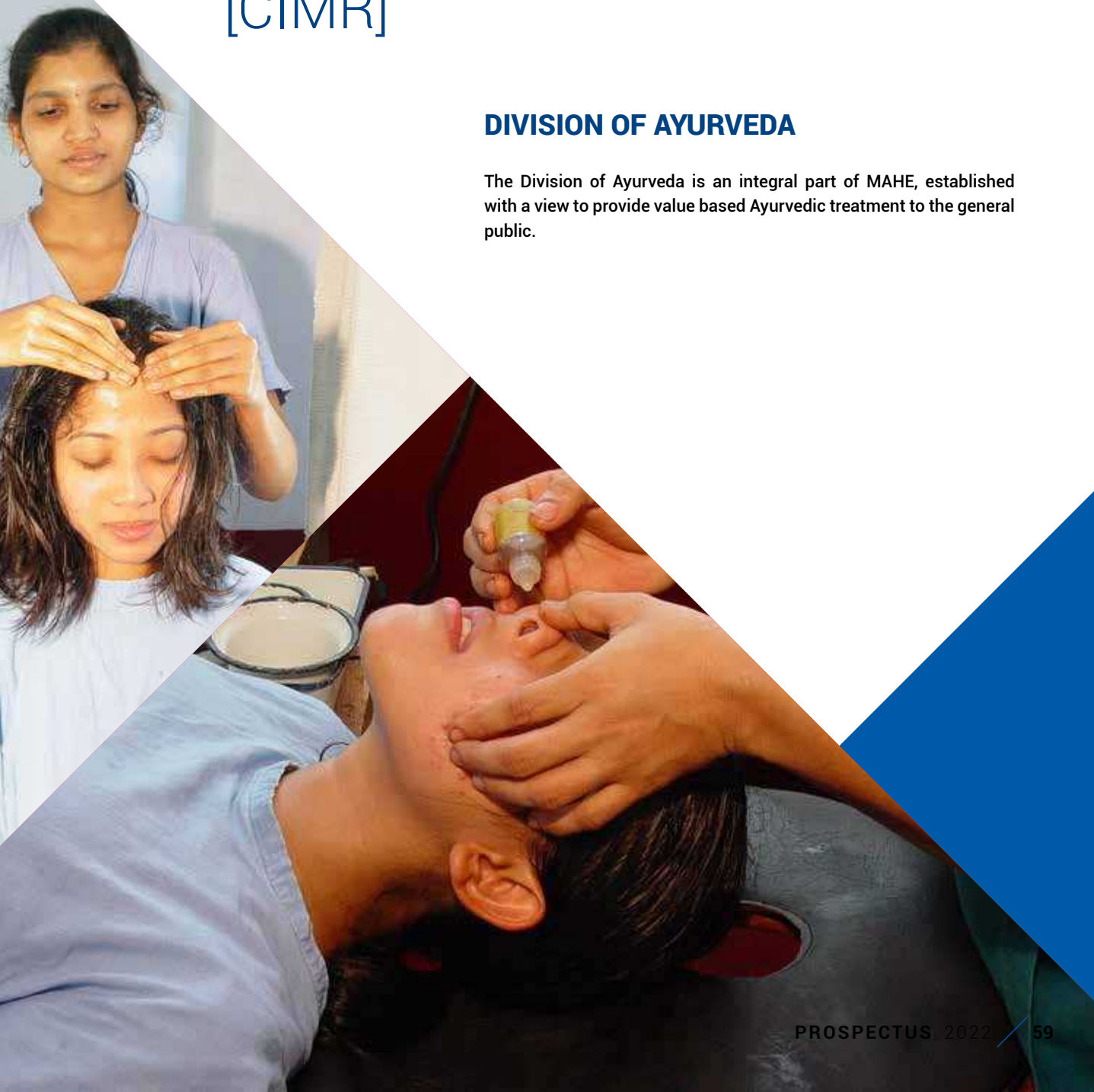
### Career Prospects

The Fellow will be qualified to independently establish and lead multidisciplinary geriatric departments and provide specialised care to seriously ill older adults.

# CENTRE FOR INTEGRATIVE MEDICINE AND RESEARCH [CIMR]

## DIVISION OF AYURVEDA

The Division of Ayurveda is an integral part of MAHE, established with a view to provide value based Ayurvedic treatment to the general public.



The Division under the umbrella of CIMR, has a wide stream of patients, referrals from other departments, collaborations with various national and international institutions along with incorporation of updated technical and investigative means. The numerous research activities have established the wisdom of Ayurveda and opened up new horizons in the field. The seminars, CME programmes, workshops have always set an example to others.

**The Postgraduate Certificate Course in Panchakarma offered by the Division of Ayurveda is a 6-month program that involves:**

- Practical oriented and evidence based learning.
- Audio visuals, bedside and hands-on experience of Panchakarma procedures.
- Seminars, group study, visit to Panchakarma centres and participating in national and international conferences, symposiums and workshops.
- Theoretical, practical, intellectual sessions and field study.

### ► Research Excellence

Research is an integral part of Division of Ayurveda. It always motivates the students to take up study projects which are reliable and can contribute to the science. Some research projects already completed and some of them are presented in national/international conferences like Evidence-based work

on Prakruti analysis (Constitutional analysis), detox therapy (Panchakarma) analysis, etc. Some of the studies published in indexed journals are:

1. A prospective single arm open pilot trial to study the antioxidant property of Ayurvedic massage therapy in healthy individuals
2. Anti-Bacterial activity of *Jasminum grandiflorum* Linn and *Tectonia grandis* using Coconut Oil as Media of Extraction
3. Effect of Oil Extract of *Jasminum grandiflorum* Leaves on Wound Healing Activity in Albino Rats
4. Evaluation of electrolytes following Basthi therapy
5. Role of Achara Rasayana in the prevention of disease

### ► Departmental Research work

1. A Clinical study on the Role of Capsule Antarth in the management of osteoarthritis - Funded by Millennium Herbal care Limited.
2. Evaluation of wound healing Properties of various doses of Triphala Extract on the Artificially wounded Mice - Funded by KMC, Manipal
3. Evaluation of anti-inflammatory, antioxidant and analgesic activities of Antarth in mice - Funded by Millennium Herbal Care Limited.
4. Comparative evaluation of Triphala and chlorhexidine as a mouth wash: A controlled clinical study - Funded by ICMR

5. Clinical Evaluation of Efficacy and safety of forslean for lean body mass promotion in class I obese subjects - Funded by Sami Labs Bangalore
6. Evaluation of LIV.52 DS in Infective Hepatitis (Double –Blind Placebo-Controlled Clinical Trial) - Funded by The Himalaya Drug Company, Bangalore.
7. A prospective clinical trial to study the anti-oxidant property of Ayurvedic massage therapy on healthy individuals - Non funded project.
8. A randomized Placebo-controlled, multicentric, double-blind, parallel group study to determine the immune response of various Ayurvedic Preparations in Obese subjects with concurrent metabolic dysfunction - Funded by Kerala Ayurveda Limited.
9. Forslean II clinical trial on Obesity - Funded by Sami Labs, Bangalore.
10. Acne Treatment Using Ayurveda - Non funded.
11. A prospective clinical trial to study the antioxidant property of abhyanga in healthy individuals - Non funded.
12. A comparative study on the wound healing property of *Tectonia grandis*, *Ficus religiosa* and *Jasminum grandiflora* - Non funded.
13. Evaluation of the antibacterial activity of *Jasminum grandiflorum* and *Tectonia grandis* - Non funded.
14. A clinical study to assess the efficacy of Psoriasis Cream - a formulation for the management of Psoriasis-Trail one - Funded by Sami Labs, Bangalore
15. A clinical study to assess efficacy and Safety of Boswellia serrata Cream., a formulation for Management of Psoriasis – An open, Multi-Centric, Phase 3 Clinical Trial - Funded by Sami Labs, Bangalore.
16. A Randomized, Comparative Clinical Study to Evaluate the Efficacy and Safety of Cystone GNX Tablet in Urolithiasis - Funded by Himalaya Drug Company





17. A Multicenter, Open-Label, Randomized, Parallel Group Clinical study designed To examine the efficacy and safety of TLY -001 in both Kashayam and Kashayam tablet.

### Research Projects

1. Evaluation of patterns of inheritance of phenotypes in defined Human Dosha Prakriti
2. Study on effect of Ayurveda therapies on Osteo arthrosis of knee joints – A pilot study (part of PhD work)
3. A study of Allopathic and Ayurvedic Dietary Decision Support System on Health Profile of People with Pre- Diabetes and Type 2 Diabetes Mellitus
4. To study the curative effect of Guggulutiktaka Ghritam on atherosclerotic induced mice model-A Pilot study.
5. Automated temperature measurement and regulation in Ayurveda Katibasthi treatment in the management of lumbosacral spine diseases
6. Effectiveness of poly herbal formulation on inflammatory markers in newly diagnosed Type 2 Diabetes Mellitus patients

### On going project

1. The effect of interprofessional approach in Management of obesity- An Observational study - Non funded.
2. Experimental evaluation of anti-microbial property Coscinium fenestratum on MDR and other bacterial strains - Non funded.
3. An experimental evaluation of antimicrobial property of Ayurvedic Herbo-mineral drugs on MDR tubercular bacilli - MAHE Funded
4. Randomised controlled trial of Ayurvedic therapies in the management of Osteoarthritis of Knee joints- A pilot study

## Post Graduate Certificate Course in Panchakarma

**Duration**  
6 months

**Eligibility Criteria & Admission Process**  
Refer **Section 2**

**Course Fees, Hostel Fees, Refund Rules**  
Refer **Section 3**

**Last date to apply:**

Batch 1 - 19-02-2022;  
Batch 2 - 20-08-2022

**Commencement of Classes:**

Batch 1 - 01-03-2022;  
Batch 2 - 01-09-2022



### Program Description

- Practical oriented and evidence based learning
- Audio visuals, bedside and hands-on experience of Panchakarma procedures
- Seminars, group study, participating in national and international conferences, symposiums and workshops
- Theoretical, practical, intellectual sessions and field study



### Focus

To impart quality education emphasizing practical training



### Career Prospects

- a. Can establish Panchakarma therapy center
- b. Can join any other Ayurvedic Hospital



## Certificate Course in Panchakarma Technician and Massage Therapist

**Duration**  
1 year

**Eligibility Criteria & Admission Process**  
Refer **Section 2**

**Course Fees, Hostel Fees, Refund Rules**  
Refer **Section 3**

**Last date to apply:**

Batch 1 - 18-12-2021;  
Batch 2 - 18-06-2022

**Commencement of Classes:**

Batch 1 - 03-01-2022;  
Batch 2 - 01-07-2022



### Program Description

- Practical knowledge to trainees to deliver various Ayurvedic Therapies according to instructions of Physician
- Hands-on experience of Panchakarma procedures
- Theoretical, practical sessions and field study
- Participating in workshops



### Focus

The students will be trained both theoretically and practically so that they are professional at the end of the course



### Career Prospects

- a. Can join any reputed Ayurvedic Hospitals/Ayurvedic therapy centres in India & abroad.
- b. Can join at Wellness Centres/Spas/ Massage Parlours



## DIVISION OF YOGA

Division of Yoga started according to the vision and mission of Padmashree Dr. T M APai.

Established - in January 1980 at KMC, MAHE by Professor Dr. K Krishna Bhat, PhD.

PG Diploma in Yoga Therapy program - 1985 to 1998.

M.Sc. in Yoga Therapy, since 1998 onwards.

Division of Yoga - 2015 onwards working under Centre for Integrative Medicine & Research (CIMR), MAHE, Manipal.



### ► Aim of the Division

- To provide Yoga Therapy to the patients who are suffering from various kinds of disorders along with all modern facilities of treatment available in the hospital.
- To provide regular yoga training to staff & students of MAHE and to the public.
- To train the staff and students to develop skills in Yoga Therapy and research.
- It combines a philosophical approach with empirical research to lay the foundation of integrative medicine.

### ► Advantages

It aims to develop the skill to apply Yoga techniques in the treatment of health disorders along with proper classical knowledge of Yoga as well as laboratory studies. People who are trained here may run their own Yoga centers, join hospitals or colleges to work as an expert in Yoga Therapy or a lecturer in Yoga Therapy. The course also concentrates on research in the field of Yoga Science and Yoga Therapy.

### Research Excellence in Numbers

For the last 8 years	
Publications in Journals & Books	31
International Conferences	10
National Conferences	25
Seed Money Project	01
DST Projects	21
Workshops/Seminars/ Webinars	20



## M.Sc. (Yoga Therapy)

### Duration

2 Years (4 Semesters)

### Eligibility Criteria & Admission Process

Refer Section 2

### Course Fees, Hostel Fees, Refund Rules

Refer Section 3

Last date to apply: 31.07.2022

Commencement of Classes: 16.08.2022



### Program Description

This Master's program in Yoga Therapy aims at incorporating the principles of Yoga Therapy based on traditional knowledge and classical scriptures into a clinical setting for the treatment of various disorders. It combines a philosophical approach with empirical research to lay the foundation of integrative medicine.



### Focus

The 1st & 2nd semesters are assigned to expand the student's personal understanding of the relevance of Yoga philosophy in today's world. The 3rd & 4th semesters are directed towards developing and scientifically exploring the skill of application of specific yoga techniques for the benefit of patients and to develop research skills.



### Career Prospects

Individuals trained in this field can establish their own centers of yoga therapy and research, can join any hospitals or Institutions as a Yoga Therapist.

# MANIPAL COLLEGE OF DENTAL SCIENCES [MCODS]

Manipal College of Dental Sciences at Manipal is consistently ranked within the top ten best dental colleges in the country with infrastructure that is comparable to some of the best in the world.



# 1

MCODS, Manipal is ranked No. 1 among the Dental Colleges in India

Source: NIRF-2021

# 1

MCODS, MANIPAL is ranked No.1 among Private Dental Colleges in India

Outlook, The week and India Today 2021

## Manipal Campus

### Introduction

Manipal College of Dental Sciences, Manipal, a constituent unit of Manipal Academy of Higher Education, was the first private dental college in India to be established in the year 1965. With a mission to achieve Global excellence in dental education and oral healthcare, the college envisions to be a leader in oral healthcare at national and international levels. The institute is well-known for the state of the art facilities, diversity of students, a large spectrum of innovative courses and the quality of education offered to students from across the globe.

### Courses Offered

The institute offers undergraduate, postgraduate, diploma and certificate programmes in various branches of dentistry. Bachelor of Dental Surgery [BDS], diploma courses in dental mechanics, dental operating room assistant and dental hygienist, Master of Dental Surgery [MDS] in all specialties are offered by the institute. In addition, the institute also offers Postgraduate certificate courses in Advanced Oral Implantology, Aesthetic Dentistry, Laser Dentistry and Certificate course in Integrated Dental Photography.

### Recognitions and accreditations [Rankings]

Manipal College of Dental Sciences, Manipal has been recognized by Dental Council of India since 1970. It is consistently ranked as best private dental institution in the country. The college is ranked as number one in the country among the dental institutions in the country in the recently announced rankings by National Institute of Ranking Framework [NIRF], Ministry of Human Resources Development, Government of India. BDS offered by MCODES, Manipal is recognized by Malaysian Dental Council, Kathmandu University and Sri Lankan Medical Council. The college is ISO 9001:2015, 14001:2015 and 50001: 2004 certified under Manipal Academy of Higher Education.

### Academics

The curriculum of all the courses is in accordance with the syllabus prescribed by Dental Council of India and focusses mainly on three aspects viz., Knowledge, skills and attitude. To cater for the fast changing concepts and new developments in clinical techniques, the curriculum is revised regularly. Recently, the institute has introduced Outcome Based Education for BDS program with an emphasis on the student centric learning. The program outcomes, course outcomes

are clearly specified and are integrated into teaching learning activities that include both conventional methods such as didactic lectures, hands on training and practical exercises, and chair side teaching, along with a variety of innovative methods such as problem based learning, case based learning, role play, self-directed learning, table clinics, etc. All the teaching and learning resources are made available to the students through Lecture Management System [LMS] via Impartus and Microsoft Teams platforms. The institute also offers subscription to Coursera to all the students with an access to various online courses thus utilizing the Massive Online Open Course systems (MOOC's). With an emphasis on continuous learning, the assessment is carried out in the form of formative and summative assessments using a blend of conventional assessments along with Objective Structured Practical and Clinical Examination systems. (OSPE/OSCE).

The institute also organizes regular training programs, workshops, guest lectures involving alumni and distinguished and accomplished faculty from India and Abroad for the benefit of students.



## Infrastructure

The institute is housed in two buildings viz., Center for Basic Sciences and Dental Clinics. The centrally air conditioned lecture halls are equipped with state of the art audio-visual facilities such as LCD projectors, video capturing, white board and black boards. The laboratories are also centrally air conditioned and has state of the art facilities/equipment such as phantom heads, casting machines, ceramic furnaces, etc. for preclinical training with an access to latest materials. Phantom Head laboratory is also equipped to live stream the demonstrations so that the students can follow the demonstration from their workstation itself.

The clinical building is centrally air conditioned and provides high class infrastructure that caters to the needs of students, faculty and patients to offer the finest patient care and technological resources necessary to support the teaching, learning, and research activities. There are separate undergraduate and postgraduate sections in each department and are equipped with over 320 electric dental chairs with facilities such as CBCT, mannequins for radiology training, endodontic microscopes, loops, digital radiography, intra oral camera, piezo surgical units, hard and soft tissue lasers, 3D cephalometric imaging software, physio dispenser for placement of orthodontic implants, etc. for clinical training as well as treatment purposes. In addition to the training at the dental clinics, students are also trained in community set up using a well-equipped mobile dental clinic. The college organizes regular dental camps in and around the Udupi district to cater to the oral health care needs of the community and delivery dental treatment at their door-step. The institute also organizes regular school health programs for screening and treatment of oral health conditions at various schools. A dedicated Tobacco-cessation clinic caters to the identification, counselling of patients with tobacco chewing habits and helps them quit the habit. An exclusive mobile dental van is

utilized for this purpose. Also, the institution also set up eight satellite clinics at various places to extend the services of oral health care delivery. The institute emphasizes field learning of the students. It hence undertakes field visits to multiple centers such as Community Health Centre, Hebri, Milk Dairy, and Sewage treatment plant, Manipal, to understand the process and its impact on health. All the departments have departmental library facilities with access to the latest references book, library dissertations, etc. Besides, all the faculty and students have access to library resources through online access along with Wi-Fi or LAN facility. The college utilizes skills lab facility to provide hands-on preclinical training such as basic life support, parenteral drug administration, etc.

## Faculty

### Regular faculty

The institute has full-time faculty and are well-qualified in various specialties of dentistry. In addition to statutory requirements, some of the faculty have additional qualifications such as Ph.D. Some of the faculty are also specialized in various specialties such as Implantology, esthetic dentistry, laser dentistry, dental photography, etc. In addition to teaching activities, the faculty are actively involved in patient treatment as well as research activities. To keep abreast of the recent developments in dentistry, all the faculty regularly undergo training by attending specialty conferences, continuous dental education programs, workshops, etc. with financial assistance from the institute.

### International adjunct faculty

In addition to the regular full-time faculty, the institute has about 15 distinguished professionals and well accomplished alumni as adjunct faculty from across the globe. The institute actively utilizes them to deliver guest lectures, training programs to the students.

## Research and innovations

Manipal College of Dental Sciences, manipal offers a research enabling environment for both faculty and students by constantly upgrading the

research facilities and by encouraging participation of all in its research activities through collaborations. Faculty of the institute are actively involved in undertaking various research projects, publication of the research findings in reputed journals, filing of patents, etc. The institute mainly focusses on thrust areas related to various aspects of oral health care. A large number of research activities at the institute are funded by National and International funding agencies, Manufacturers of various dental industries or they are conducted in collaboration with other academic institutes or laboratories. The institute encourages all the students to undertake research activities including undergraduate students. The postgraduate and undergraduate students are provided with financial assistance to undertake research projects. To facilitate the inculcation of research interest in students, the institute initiated a student research forum through which the students are mentored by the faculty through their research activities. In addition to undertaking research, the institute also organizes and encourages students to attend research related activities such as workshops, CDE programs or training programs. The institute also offers financial assistance to the students to attend such programs as well as publishing their research in reputed journals.

The institute also encourages Faculty and students to pursue their innovative thinking skills and ideas in association with Manipal Universal Technology Business Incubator or Bioincubators. The institute provides mentoring facilities and provides necessary support for filing patents and for initiating start up.

The faculty actively undertakes research in collaboration with national and international bodies, manufacturing companies, universities, etc. During the last five years, the institute has undertaken research projects worth 4.5 crores. The quantum and quality of research output in terms of publications is among best in the country.



### Collaborations and partnerships

Manipal College of Dental Sciences, Manipal has memorandum of understanding with various universities and industries for academic and research collaborations across the globe. The institute also has active collaborations with well-known dental industries such as Nobel Biocare. The institute has Memorandum of Understanding (MoU) with numerous universities such as King's College London., UK, Boston University., USA, University of Sheffield., USA, University of Dublin., Ireland, Charles Stuart University., Australia, University of Texas Health Science Center, San Antonio., USA, The Universidade Estadual De Campinas., Brazil, University of RAK Medical & Health Sciences University., UAE, Chang gung memorial hospital., Taiwan, University of IOWA., USA, California State University., USA, Karabuk University., Turkey, University of Peradeniya., Sri Lanka, University of Sydney., Australia, University of Hiroshima., Japan, UCAM Universidad Catolica San Antonia De Murcia., Spain, University of Kentucky., USA, Tel-Aviv University., Israel.

### Internship and exchange programs

The institute offers student exchange and externship programs for its students at the partner institutions with which it has MoU for academic purposes. Similarly, institute also offers externship internship program for students from other intuitions from abroad.

### Community services

The institute is actively involved in community oral health program as well as structured school health programs in and around Udupi district. The institute has about eight [1 urban and 7 rural] satellite centers established to cater to the needs of rural population with limited access to the oral health care. Faculty and students of the institute are actively involved in organizing oral health camps regularly at the satellite centers. The institute also has well equipped mobile dental

van to facilitate delivery of oral health care services at rural and remote areas. Over 300 oral health camps and related activities are conducted throughout the year to cater to the needs of the people in and around Udupi district and to increase the oral health care awareness among the general public. The institute is actively involved in tobacco cessation program and has successfully implemented the same by adopting a village for this program. In addition, the institute also organizes dental camps in collaborations with local bodies and NGO's. In addition, student's council of the college is actively involved in undertaking various socially oriented activities either alone or in collaboration with Volunteer Services organization of Manipal Academy of Higher Education.

Besides these, student's council is also actively involved in celebration of national days and regularly organizes roadshows, street plays or other similar activities to promote oral health care awareness among the general public.

### Cocurricular activities

Student's council of MCODES, Manipal elected by students of the institution is actively involved in co-curricular activities throughout the year. Student's council organizes interclass cultural and sports activities. Students clubs such as skills club, dramatics club, literary club, etc. regularly organizes events for active participation of students.

### Alumni

MCODS, Manipal alumni are spread across the globe and proudly contributes to the success of our institution. They are actively involved in delivering guest lectures, workshops or training program, career guidance programs. At least one alumni reunion is organized by the institution every year. During the alumni reunion, alumni share their success stories and shares feedback on various aspects of dentistry with the students, faculty and management. Alumni also contribute and give back to the institution. With a strength of around

five thousand alumni, the institute boasts of its successful alumni occupying various administrative and academic positions at prestigious institutions both at national and international institutions.

### Placement

The graduating students from our institute are known to be successful at both national competitive exams such as PG-NEET as well as other examinations aboard such as NDBE, ORE, etc. Most of the undergraduate student pursue their masters and secure a postgraduate admission in their first attempt through PG-NEET. Some of the graduates also pursue their dental career in Canada, USA, Australia, UK and Europe. Most postgraduate students are employed either as academic faculty at various dental institutions in the country, consultants at various dental specialty clinics or set up their own private practice. In addition, some of the postgraduate students also pursue oral research as a career after post-graduation.

### Uniqueness

- A curriculum that focusses on learning outcomes with student centric learning
- State of the art learning facilities with an emphasis on student centric teaching and learning methods
- Teacher-Guardian mentoring program
- Facilities for engagement in academic and non-academic activities through various student clubs.
- Student forum for research engagement right from undergraduate program
- Innovation and Technology business incubation facilities
- Comprehensive Student Life Cycle Management system and access to online teaching material created by teaching faculty.

## Bachelor of Dental Surgery (BDS)

### Duration

4 years plus 1 year compulsory rotating internship.

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

### Last date to apply:

Refer NEET 2022 guidelines

### Commencement of Classes:

As per NMC guidelines

### Program Description

BDS is a 5 year (4 years academic education + 1 year compulsory, rotating internship) undergraduate professional degree program designed to train students in all fields of dentistry such that students become competent, compassionate and caring oral health care professionals through excellence in teaching, patient care and research.

### Focus

BDS program focusses on providing training in Basic Sciences (Human Anatomy, Embryology, Histology & Medical Genetics, Human Physiology & Biochemistry, Nutrition & Dietetics, Behavioral sciences including both sociology and psychology) Pre-clinical (Dental Anatomy, Embryology and Oral Histology, General Pathology & Microbiology, General and Dental Pharmacology and Therapeutics, Dental Materials, Forensic Odontology and Ethics) and Clinical (General Medicine, General Surgery, Oral Medicine and Radiology, Conservative Dentistry and Endodontics, Periodontology, Oral & Maxillofacial Surgery, Prosthodontics and Crown & Bridge, Oral Implantology Paediatric & Preventive Dentistry, Orthodontics & Dentofacial Orthopaedics and Public Health Dentistry) subjects

### Career Prospects

BDS graduates can set up their own Private Practice, work in government health services or corporate hospital chains as dental surgeons, work in academic institutions as faculty or in dental product manufacturing companies as subject experts. They may also pursue postgraduate studies and clinical research or pursue International dental programs, MBA in Health Management or Administration or MPH (Master of Public Health). Dentists are being recruited for defense services as short service commissioned officers for definite period which is extended according to the government rules. There are many government opportunities like Dentist in Railways and Dental officer in Indian Armed Forces.



## MDS Conservative Dentistry and Endodontics

### Duration

3 years

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

### Last date to apply:

Refer NEET 2022 guidelines

### Commencement of Classes:

As per NMC guidelines

### Program Description

MDS in Conservative Dentistry & Endodontics is a three year Postgraduate program designed to train students in the diagnosis and treatment of the diseased or injured teeth. The purpose of the course is to provide advanced education in the specialty to ensure excellence in Patient care, teaching and research.

### Focus

The program focuses on Basic Sciences, Conservative Dentistry & Endodontics. The course is designed to facilitate experiential learning with multi-disciplinary approach to master differential diagnosis and to address challenging clinical situations.

### Career Prospects

The career opportunities after MDS in this specialty include Consultancy, Specialty Practice, Faculty in academic institutions, Government health services, Research, Hospital Management, Defense Services, International Job/research opportunities, PhD in India and abroad. Opportunities are also available in the research & advisory departments of dental materials and equipment manufacturing units

## MDS Oral and Maxillofacial Surgery

**Duration**  
3 years

**Eligibility Criteria & Admission Process**  
Refer **Section 2**

**Course Fees, Hostel Fees, Refund Rules**  
Refer **Section 3**

**Last date to apply:**  
Refer NEET 2022 guidelines

**Commencement of Classes:**  
As per NMC guidelines

### Program Description

MDS in Oral & Maxillofacial Surgery is a three year Postgraduate program. The program is designed to provide dental graduates advanced training in the surgical management of diseases and disorders of the oral and maxillofacial structures. The purpose of the course is to provide advanced education in the specialty to ensure excellence in patient care, teaching and research.

### Focus

The program focuses on training students to gain expertise in surgical treatment ranging from simplest tooth extraction procedures to complex procedures which require extensive surgery of the oral and maxillofacial region for the purpose of enhancing function, appearance and/or correcting defects, repairing injuries or managing diseases.

### Career Prospects

The career opportunities after MDS in this specialty include Consultancy, Specialty Practice, Faculty in academic institutions, Government Health services, Research, Hospital Management, Defense Services, International Job/research opportunities, PhD in India/abroad, Fellowships in craniofacial surgery, cleft lip and palate surgery, orthognathic surgery, maxillofacial trauma management and opportunity to be part of Operation Smile, Smile train or similar programs

## MDS Oral Medicine and Radiology

**Duration**  
3 years

**Eligibility Criteria & Admission Process**  
Refer **Section 2**

**Course Fees, Hostel Fees, Refund Rules**  
Refer **Section 3**

**Last date to apply:**  
Refer NEET 2022 guidelines

**Commencement of Classes:**  
As per NMC guidelines

### Program Description

MDS in Oral Medicine & Radiology is a three year Postgraduate program. The program is designed to provide dental graduates advanced training in clinical and radiographic diagnosis of diseases of oral and paraoral structures and their medical management. The purpose of the course is to provide advanced education in the specialty to ensure excellence in patient care, teaching and research.

### Focus

The program focusses on providing training in the basic and advanced clinical and radiographic diagnostic procedures and techniques to recognize the oral diseases of local and constitutional origin and their medical management.

### Career Prospects

The career opportunities after MDS in this specialty include Consultancy, Specialty Practice or establishment of imaging center, Faculty in academic institutions, Government Health services, Research, Hospital Management, Defense Services, International Job/research opportunities, PhD in India/abroad. Opportunities are also available in the research & advisory departments of pharmaceutical and other companies manufacturing oral care products and topical oral formulations

## MDS Oral & Maxillofacial Pathology and Oral Microbiology

**Duration**  
3 years

**Eligibility Criteria & Admission Process**  
Refer **Section 2**

**Course Fees, Hostel Fees, Refund Rules**  
Refer **Section 3**

**Last date to apply:**  
Refer NEET 2022 guidelines

**Commencement of Classes:**  
As per NMC guidelines

### Program Description

MDS in Oral Pathology & Microbiology is a three year Postgraduate program. The program is designed to provide dental graduates advanced training in microscopic diagnosis of diseases of oral and paraoral structures. The purpose of the course is to provide advanced education in the specialty to ensure excellence in patient care, teaching and research.

### Focus

The program focusses on providing training in the basic and advanced histopathological diagnosis of specimens and in carrying out diagnostic procedures including cytological, microbiological, immunohistochemical and other investigations

### Career Prospects

The career opportunities after MDS in this specialty include Consultancy, Specialty Practice, Faculty in academic institutions, Government health services, Research, International Job/research opportunities, PhD in India and abroad, Fellowships in advanced oral biology and genomic technologies

## MDS Orthodontics and Dentofacial Orthopaedics

**Duration**  
3 years

**Eligibility Criteria & Admission Process**  
Refer **Section 2**

**Course Fees, Hostel Fees, Refund Rules**  
Refer **Section 3**

**Last date to apply:**  
Refer NEET 2022 guidelines  
**Commencement of Classes:**  
As per NMC guidelines

### Program Description

MDS in Orthodontics & Dentofacial Orthopaedics is a three year Postgraduate program. The program is designed to provide dental graduates advanced training in correction of malocclusion. The purpose of the course is to provide advanced education in the specialty to ensure excellence in patient care, teaching and research.

### Focus

The program focusses on providing training in the diagnosis, prevention, interception, and correction of malocclusion and other abnormalities of the developing or mature orofacial structures

### Career Prospects

The career opportunities after MDS in this specialty include Consultancy, Specialty Practice, Faculty in academic institutions, Government Health services, Research, Hospital Management, Defense Services, International Job/research opportunities, PhD in India and abroad and Advisor for dental equipment and materials manufacturer

## MDS Pediatric and Preventive Dentistry

**Duration**  
3 Years

**Eligibility Criteria & Admission Process**  
Refer **Section 2**

**Course Fees, Hostel Fees, Refund Rules**  
Refer **Section 3**

**Last date to apply:**  
Refer NEET 2022 guidelines  
**Commencement of Classes:**  
As per NMC guidelines

### Program Description

MDS in Pedodontics & Preventive Dentistry is a three year Postgraduate program. The program is designed to provide dental graduates advanced training in both primary and comprehensive, preventive and therapeutic oral health care of children including those with special health care needs. The purpose of the course is to provide advanced education in the specialty to ensure excellence in patient care, teaching and research

### Focus

The program focusses on providing training in diagnosis, prevention and management of oral and dental diseases in children, including those with special health care needs

### Career Prospects

The career opportunities after MDS in this specialty include Consultancy, Specialty Practice, Faculty in academic institutions, Government Health services, Research, Hospital Management, Defense Services, International Job/research opportunities, PhD in India/ abroad

## MDS Periodontology

**Duration**  
3 Years

**Eligibility Criteria & Admission Process**  
Refer **Section 2**

**Course Fees, Hostel Fees, Refund Rules**  
Refer **Section 3**

**Last date to apply:**  
Refer NEET 2022 guidelines  
**Commencement of Classes:**  
As per NMC guidelines

### Program Description

MDS in Periodontology is a three year Postgraduate program. It is designed to provide dental graduates advanced training in diagnosis, prevention and management of diseases of the supporting structures (periodontium) of the teeth. The purpose of the course is to provide advanced education in the specialty to ensure excellence in patient care, teaching and research

### Focus

The program focusses on providing training in the various methods of diagnosis, prevention and management of diseases affecting the periodontal tissues

### Career Prospects

The career opportunities after MDS in this specialty include Consultancy, Specialty Practice, faculty in academic institutions, Government Health services, Research, Hospital Management, Defense Services, International Job/research opportunities, PhD in India/abroad. Opportunities are also available in the research & advisory departments of pharmaceutical and other companies manufacturing oral care products and medicines such as toothpastes, gum care products, mouth wash, etc.

## MDS Prosthodontics and Crown & Bridge

**Duration**  
3 Years

**Eligibility Criteria & Admission Process**  
Refer **Section 2**

**Course Fees, Hostel Fees, Refund Rules**  
Refer **Section 3**

**Last date to apply:**  
Refer NEET 2022 guidelines

**Commencement of Classes:**  
As per NMC guidelines

### Program Description

MDS in Prosthodontics and Crown & Bridge is a three year postgraduate program. Training in this discipline provides advanced training to the dental graduates in diagnosis, treatment planning, rehabilitation, and maintenance of oral function, comfort, appearance, and health of patients with clinical conditions associated with missing or deficient teeth and/or oral and maxillofacial tissues using biocompatible substitutes. The purpose of the course is to provide advanced education in the specialty to ensure excellence in patient care, teaching and research

### Focus

The program focusses on providing the dental graduates training to achieve higher level of competence in both general and specialty areas of Prosthodontics and prepare them to develop teaching, research and clinical abilities

### Career Prospects

The career opportunities after MDS in this specialty include Consultancy, Specialty Practice, faculty in academic institutions, Government Health services, Research, Hospital Management, Defense Services, International Job/research opportunities, PhD in India/ abroad, Advisor for dental equipment and materials manufacturer

## MDS Public Health Dentistry

**Duration**  
3 Years

**Eligibility Criteria & Admission Process**  
Refer **Section 2**

**Course Fees, Hostel Fees, Refund Rules**  
Refer **Section 3**

**Last date to apply:**  
Refer NEET 2022 guidelines

**Commencement of Classes:**  
As per NMC guidelines

### Program Description

MDS in Public Health Dentistry is a three year postgraduate program. Training in this discipline provides advanced training to the dental graduates in prevention and control of dental disease and promotion of dental health through organized community efforts. The purpose of the course is to provide advanced education in the specialty to ensure excellence in Community oral health care, teaching and research

### Focus

The program focusses on providing the dental graduates advanced training in general dentistry at the out-reach levels and research on oral health care

### Career Prospects

The career opportunities after MDS in this specialty include Consultancy, Specialty Practice, faculty in academic institutions, Government Health services, Research, Hospital Management, Defense Services, International Job/research opportunities, PhD in India/ abroad and opportunities in government bodies involved in planning of various policies related to oral health

## PG Certificate Course in Laser Dentistry

**Duration**  
6 months

**Eligibility Criteria & Admission Process**  
Refer **Section 2**

**Course Fees, Hostel Fees, Refund Rules**  
Refer **Section 3**

**Last date to apply:**  
Batch 1 – 30.12.2021

Batch 2 – 31.07.2022

**Commencement of Classes:**

Batch 1 – January 2022

Batch 2 – 31.08.2022

### Program Description

This is a structured program offered to dental graduates wishing to demonstrate high standards and clinical proficiency in laser dentistry. It leads to the award of a certificate in Laser Dentistry. The course includes two contact sessions of four days each spread 6 months apart. It equips dental graduates with the necessary technical and clinical expertise in laser assisted dental practice.

### Focus

Candidates will be instructed and guided over the shoulder in the clinical applications of the spectrum of hard and soft tissue lasers on patients. The applications of lasers in all branches of dentistry will be covered during the sessions both theoretically and clinically. Live demonstrations and hands – on training with patients are prominent features of this program.





### Career Prospects

At the end of the course the candidates will be proficient in the intricacies of Lasers, empowered to decide what lasers to procure to fulfil their needs and be able to start and run a successful laser assisted dental practice. Academicians will also immensely benefit from this program as there are enormous research opportunities with lasers.

For more details, contact  
The Dean, MCOCS, Manipal,  
Karnataka, India: 576104.  
Email: office.cods@manipal.edu  
Phone: 0820 2922063



## PG Certificate Course in Oral Implantology

**Duration**  
1 year

**Eligibility Criteria & Admission Process**  
Refer **Section 2**

**Course Fees, Hostel Fees, Refund Rules**  
Refer **Section 3**

**Last date to apply:** 30.06.2022

**Commencement of Classes:**  
October 2022



### Program Description

This course is an academic and clinical programme held in collaboration with Nobel Biocare leading to the award of a certificate in Implantology. It offers knowledge and expertise in the science and practice of implantology, from theoretical science through restorative treatment planning to clinical practice in the direct management of patients requiring fixed and removable implant-retained prostheses. Participants treat patients provided to them under expert supervision. They have the opportunity to participate in the full spectrum of contemporary implant practice. The course includes four contact sessions of six days each approximately in the month of November, February, June and October.



### Focus

Participants will get to place and restore 10 implants on the patients with cement retained or screw retained restorations and also assist others in implant placement. The program comprises of didactic lectures, hands on training on models, live demonstrations of basic and advanced implant placement procedures. The highlights of the program include demonstration of direct and indirect sinus lift and grafting procedure, all on 4 Implant placement on models, immediate Implant Placement on models as well as patients, hands on training on treatment planning for Implant supported removable complete denture (Locator abutment) on models, hands on Computer

Aided Implantology (Nobel Guide). application in Implantology, One-day Basic Life Support training Leading International and National Nobel Biocare faculty mentor the program



### Career Prospects

Training in Implantology opens up a career full of opportunities for the dentists with guaranteed peer respect, good remuneration and the documented clinical skills and scientific training will support the development of the career of the individuals in hospital, specialist or family dental practices. The qualification will also support the individuals in future career in the university sector.

For more details, contact  
The Dean, MCOCS, Manipal,  
Karnataka, India: 576104.  
Email: office.cods@manipal.edu  
Phone: 0820 2922063

## PG Certificate Course in Aesthetic Dentistry

### Duration

1 year

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

**Last date to apply:** 15.06.2022

**Commencement of Classes:** July 2022

### Program Description

This postgraduate program is an academic and clinical programme leading to the award of a certificate in Aesthetic Dentistry. It is offered to those who seek to improve their clinical skills and knowledge in the field of esthetic dentistry. Emphasis is placed on the clinical component with a focus on a broad spectrum of modern esthetic treatment methods. It is conducted over a period of one year with 4 contact sessions (modules) of six days each. It is designed to provide a wide-ranging experience in all aspects of aesthetic/cosmetic and contemporary restorative dentistry.

During the clinical curriculum, participants will be trained to provide comprehensive dental care, utilizing the latest technologies available to dental professionals. Students' training will include both simple and complex methods of smile reconstruction including teeth whitening, direct composite restorations and porcelain laminate veneers. The program will expose students to all specialty phases of dentistry as they relate to aesthetic dentistry. American accredited member of Aesthetic dentistry guides major clinical teaching.

### Focus

A great portion of the program is dedicated to hands-on experiences in the clinic. Participants will address the esthetic needs of patients in a comprehensive care environment. Upon completion of the course, participants will understand the complexities involved in esthetic diagnosis and exit the program with clinical competence in formulating and executing treatment plans for patients desiring esthetic improvement. Participants treat a variety of patients under the close guidance of diverse and experienced faculty.

### Career Prospects

Training in Esthetic Dentistry opens up a career full of opportunities for the dentists with guaranteed peer respect, good remuneration and the documented clinical skills and scientific training will support the development of the career of the individuals in hospital, specialist or family dental practices. The qualification will also support the individuals in future career in the university sector.

For more details, contact

The Dean, MCODES, Manipal,  
Karnataka, India: 576104.

Email: [office.cods@manipal.edu](mailto:office.cods@manipal.edu)

Phone: 0820 2922063



# MANIPAL COLLEGE OF DENTAL SCIENCES [MCODS]

Manipal College of Dental Sciences at Mangalore is consistently ranked within the top ten best dental colleges in the country with infrastructure that is comparable to some of the best in the world.



#2

MCODS Mangalore is ranked Number 2 among all private Dental colleges of India

Source: Week 2019

(Ranked number 5 among top 40 dental colleges of India.)

#6

MCODS Mangalore is ranked Number 6 among Dental colleges in India

Source: NIRF- 2020

## Mangalore Campus

### Introduction

Founded in 1987, MCO DS, Mangalore is the country's first dental college to admit 100 students to BDS course from the very first year of inception along with simultaneous commencement of postgraduate programmes. The institute forms the part of Manipal Academy of Higher Education which is accredited with highest A grade by the National Assessment and Accreditation Committee (NAAC). The institute follows the ISO 9001:2015 and 14001:2015 standards, imparting quality health care to patients as well as excellent education to students.

### Courses Offered

The institute offers undergraduate, postgraduate, diploma and certificate programmes, doctoral (PhD) programs in various branches of dentistry. The College offers innovative certificate courses in Restorative Dentistry, Cone Beam Computerized Tomography, Forensic Odontology, Minor Oral Surgery Procedures, Modern endodontics and Microimplants for anchorage. Our institute has started Centres for Dental Advanced Education, Tobacco Cessation and Forensic Odontology. Additional Centres are being planned for caries research, pain alleviation, maxillofacial prosthesis, cleft palate, oral systemic link and oral cancer screening.

### Recognitions and Accreditations [Rankings]

As per the survey by the nationally acclaimed magazines in 2019 and 2020, the institute is currently ranked one among the top 5 private colleges of India (Week magazine – Over all 7th rank among top private colleges,

India Today – Over all 11th rank and 3rd among the top private colleges Outlook magazine – Over all 7th rank, among the top private colleges 4th rank). The institution has secured 6th rank in the National Institute Ranking Framework conducted by MHRD.

### Academics

Our institute has recently upgraded the curriculum to an outcome-based education system which will modify the curriculum delivery from a teacher-centric to a student-centric mode. The assessment is also integrated with a software InPods which gives the analytics of the individual student performance as well as mapping with the course and programme outcomes. The curriculum has been designed in accordance with the syllabus prescribed by the Dental Council of India (DCI). The core courses are the Bachelor's and Master's degrees in Dental Surgery. The institute has enabled the use of the online learning management system (LMS) via Impartus as well as the Edunxt® platform and Impartus lecture capture system, which facilitates the delivery of the course content in the form of videos, demonstrations, lectures, powerpoint slides, PDF's etc. The curriculum supports the use of innovative teaching modalities of 'flip classroom', small group teaching, student-directed learning etc. The evaluation has been divided into formative and summative assessments and the practical assessment utilizes the Objective Structured Practical and Clinical Examination systems. (OSPE/OSCE). The university has subscribed to the "Coursera" platform which delivers online courses on a variety of subjects, thus utilizing the Massive Online Open Course systems (MOOC's).

### Infrastructure

MCODS, Mangalore is spread over three locations, conveniently accessible in the city, namely Light House Hill Road, Attavar and Bejai with dedicated facilities in each of them. A total of 311 dental chairs, state-of-the-art dental equipment, centrally air-conditioned library, modern air-conditioned lecture halls and continuing professional development (CPD) rooms with audio-visual aids, phantom head simulation laboratories for preclinical training and access to the newer generation of dental materials ensure delivery of optimal training to the undergraduate and postgraduate students. The institute has a mobile dental clinic with two automated dental units that render treatment in peripheral nodal centres and areas with limited access to dental care. MCO DS, Mangalore successfully conducted 405 dental camps screening and 52604 patients treated in 2020-21. The institute also provides segregated hostel facilities for both male and female students with transport provided from the hostels to the institute. The 3D Cone Beam Computerized Tomography (3D CBCT) in our college is the first fully loaded system installed in the country. The Surgical Skills Laboratory, the first of its kind in a dental institute in India, has life-size mannequins for hands-on preclinical training in injection techniques (local anaesthesia, IM/IV), tooth extraction, suturing techniques and basic life support. The state of the art surgical microscope and the CAD Cam equipment are the new equipments added to the inventory of MCO DS, Mangalore.



## Faculty

### Regular Faculty

The dedicated teaching faculty are updated with recent advances in dentistry and contribute to the dental scientific temper by way of research, grants, publications in various international and national journals (170 scopus indexed publications in 2020) and scientific presentations at various international and national fora (104 papers presented by faculty and students in 2020). Our researchers have received a grant of ₹54 lakhs in the last 5 years from various national and international bodies. The faculty has found a permanent place in the field of dentistry by being authors of books that are sought after by students in India and abroad. The consistently excellent performance of our students who achieve top ranks in various national competitive postgraduate examinations and those studying further in international universities is a surrogate marker and testament of the high quality of training offered to the students of MCOCS, Mangalore.

### International Adjunct Faculty

Collaboration and constant upgradation of the skills practiced globally is a must for wholistic development of the student as well as the faculty. In this regard we have seven adjunct faculty which include faculty from University of Portsmouth, UK, University of Buffalo, USA and Faculty of Dentistry, Hong Kong University, Hong Kong.

## Research and Innovations

MCOCS Mangalore encourages research, innovation, research publication, patent filing and technology commercialization at undergraduate and postgraduate level. We have collaborative and interdisciplinary research programs in association with premier research laboratories and has secured research grants from government both state and central (VGST, ICMR), industries and international funding agencies. The faculty members of MCOCS Mangalore hold a record of being the foremost amongst Indian dental

institutions in authoring textbooks that are preferred and recommended reading at most Dental Colleges in India. This includes 29 textbooks besides contributions of chapters to many other textbooks. In the last 5 years, faculty and students published a total of 440 articles in reputed scientific journals, besides 438 presentations at various national and international conferences, and >600 research projects, >30 of which were funded by external grants. Five members of the faculty have been awarded PhD.

Staff and students of MCOCS, Mangalore over the years have been associated with innovation incubators like Philips Base of Pyramid and Manipal Academy Technology Business Incubator. A total of thirty-two innovative equipment and prototypes have been conceptualized and designed by students and members of the faculty of our institute who have also bagged the Manipal Academy of Higher Education Innovation Day awards twice in last 5 years.

## Collaborations and Partnerships

Student and Staff Exchange Programs are facilitated through our MoU's with foreign universities. Our college has Memoranda of Understanding (MoU) with University of Iowa, USA, University of Sheffield, UK, University of Portsmouth, UK, UiTM, Malaysia, Tokushima University (Japan) and Griffith University (Australia), in addition to the University MoUs with Universities of Hiroshima (Japan), Sydney (Australia), Kentucky (USA), Peredeniya (Sri Lanka), Karabuk (Turkey), and UCAM Universidad Catolica San Antonia De Murcia, Spain, for academic exchange programmes. Our staff and students have benefited immensely from such visits and academic exchange programmes at the University of Iowa, University of Portsmouth, and the University Teknologi Mara (UiTM), Malaysia.

It has endeavoured to meet the challenges of global recognition and is recognized by the Malaysian Dental Council, Kathmandu University (Nepal) and Sri Lanka Medical Council.





### Internship and Exchange Programs

The students have a compulsory rotatory internship in the final year of their graduation. MCOCS, Mangalore has collaborated for a research project with Boston University, Boston, USA and Royal College of Surgeons. Students from the University of Dundee, Scotland have completed their elective posting at our institution. We are also identified as one of the research centres by Hindustan Unilever Limited (HUL) for clinical trials. School health program is held in collaboration with the Dental Academy, University of Portsmouth, UK. We are a nodal training centre to offer programmes by the Korean Orthodontic Research Institute.

### Community Services

Community outreach programs are regularly conducted in our institution to bring oral health care closer to the underserved populations. A total of five peripheral centres have been adopted by the institution where screening, health education and treatment programs are conducted regularly in a fully equipped mobile dental bus. The institution has a tobacco cessation centre which provides tobacco cessation services and spreads awareness about ill-effects of tobacco use. The institution works in collaboration with national, regional and local organizations in government sector, private sector and Non-Governmental Organizations (NGOs) such as IDA, Red cross to bring oral health closer to the community. The students enjoy doing social services through Direction In Society For Human Awareness (DISHA), a voluntary organization run by the students of the Institute as well as through the Voluntary Service Organization (VSO) of the university. The literary unit of the student council publish student magazines, pamphlets for dental health and participate in the road shows for oral health awareness.

### Cocurricular Activities [Include Student Club, Sports, Literary, Cultural]

MCOCS, Mangalore has a dedicated students council. The student council organizes the "Dental Week" where the students showcase their literary and co-curricular talents. The students participate in the intercollegiate programme "Utsav" (an intercollegiate cultural programme organized by MAHE), where we were the champion in the year 2016, second runners up in 2017, first runners up in 2019 from amongst the 21 constituent institutions.

College has numerous clubs to encourage and nurture talent and includes the literary club, the drama club, the dance club and music club to name a few. The Crown jewel of the music club is the college Band 'Silver Creek' which has participated in various inter college events in and around Mangalore.

### Alumni

MCOCS Mangalore is proud to have a thriving and united alumni network. Our alumni, numbering 3461 spans across the seven continents and serve as brand ambassadors for our college in the community. We have

a unique alumni portal that is web based and serves as a platform to connect, network and grow. Various local alumni chapters across India and abroad meet regularly and a Silver Jubilee Reunion is hosted every year at Mangalore to commemorate the 25th year of every academic batch. Our Alumni also give back to their Alma Mater through mentoring and funding opportunities. This year, Alumni Relations, MCOCS Mangalore has launched a pioneering program aimed at connecting students with alumni more meaningfully with the Alumni Student Mentorship Program. Our alumni have tasted success in academia with many of our alumni associated with teaching roles in prominent universities both in India and abroad and some of them donning the mantle of Heads of Departments/ Institutions in India and abroad. We are also proud that many have made a mark with thriving, successful dental practices in India and abroad with many of alumni having set up high quality dental facilities that are improving the lives of the communities they serve.



### Placement

Our institute has always been very proactive in the success story of PG NEET exams. On an average, annually nearly 50% of our graduates are successful at the all India and State postgraduate entrance examinations and pursue higher education. The progression rate is one of the highest for any dental institute in the country. Many of our graduates have pursued or are pursuing higher education in Canada, USA, Australia, UK and Europe. Besides, hundreds of graduates are successful general dental practitioners in various parts of India and the world. Our students have participated in the Swachh Bharat Summer internship and also volunteer as a part of AIESEC; a global non-profit youth run organization.

### Uniqueness

- Teacher-Guardian mentoring for all 4 years of BDS.
- Active encouragement and financial support for presentations at conferences by students and faculty.
- Outcome-based education mode of delivery of curriculum.
- Student centred learning
- Comprehensive 'student life cycle management' system and access to online teaching material created by teaching faculty.
- Holistic development of students and staff: Personality development, gender sensitisation programmes, practice management, activities that foster universal values, patriotism and social cohesion etc.

## Bachelor of Dental Surgery (BDS)

### Duration

4 years plus 1 year compulsory rotating internship.

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

### Last date to apply:

Refer NEET 2022 guidelines

### Commencement of Classes:

As per NMC guidelines



### Program Description

BDS is a 5 year (4 years academic education + 1 year compulsory, rotating internship) undergraduate professional degree program designed to train students in all fields of dentistry such that students become competent, compassionate and caring oral health care professionals through excellence in teaching, patient care and research.



### Focus

BDS program focusses on providing training in Basic Sciences (Human Anatomy, Embryology, Histology & Medical Genetics, Human Physiology & Biochemistry, Nutrition & Dietetics, Behavioral sciences including both sociology and psychology) Pre-clinical (Dental Anatomy, Embryology and Oral Histology, General Pathology & Microbiology, General and Dental Pharmacology and Therapeutics, Dental Materials, Forensic Odontology and Ethics) and Clinical (General Medicine, General Surgery, Oral Medicine and Radiology, Conservative Dentistry and Endodontics, Periodontology, Oral & Maxillofacial Surgery, Prosthodontics and Crown & Bridge, Oral Implantology Paediatric & Preventive Dentistry, Orthodontics & Dentofacial Orthopaedics and Public Health Dentistry) subjects



### Career Prospects

BDS graduates can set up their own Private Practice, work in government health services or corporate hospital chains as dental surgeons, work in academic institutions as faculty or in dental product manufacturing companies as subject experts. They may also pursue postgraduate studies and clinical research or pursue International dental programs, MBA in Health Management or Administration or MPH (Master of Public Health). Dentists are being recruited for defense services as short service commissioned officers for definite period which is extended according to the government rules. There are many government opportunities like Dentist in Railways and Dental officer in Indian Armed Forces.



## MDS Conservative Dentistry and Endodontics

**Duration**  
3 years

**Eligibility Criteria & Admission Process**  
Refer **Section 2**

**Course Fees, Hostel Fees, Refund Rules**  
Refer **Section 3**

**Last date to apply:**  
Refer NEET 2022 guidelines

**Commencement of Classes:**  
As per NMC guidelines

### Program Description

MDS in Conservative Dentistry & Endodontics is a three year Postgraduate program designed to train students in the diagnosis and treatment of the diseased or injured teeth. The purpose of the course is to provide advanced education in the specialty to ensure excellence in Patient care, teaching and research.

### Focus

The program focuses on Basic Sciences, Conservative Dentistry & Endodontics. The course is designed to facilitate experiential learning with multi-disciplinary approach to master differential diagnosis and to address challenging clinical situations.

### Career Prospects

The career opportunities after MDS in this specialty include Consultancy, Specialty Practice, Faculty in academic institutions, Government health services, Research, Hospital Management, Defense Services, International Job/research opportunities, PhD in India and abroad. Opportunities are also available in the research & advisory departments of dental materials and equipment manufacturing units

## MDS Oral and Maxillofacial Surgery

**Duration**  
3 years

**Eligibility Criteria & Admission Process**  
Refer **Section 2**

**Course Fees, Hostel Fees, Refund Rules**  
Refer **Section 3**

**Last date to apply:**  
Refer NEET 2022 guidelines

**Commencement of Classes:**  
As per NMC guidelines

### Program Description

MDS in Oral & Maxillofacial Surgery is a three year Postgraduate program. The program is designed to provide dental graduates advanced training in the surgical management of diseases and disorders of the oral and maxillofacial structures. The purpose of the course is to provide advanced education in the specialty to ensure excellence in patient care, teaching and research.

### Focus

The program focuses on training students to gain expertise in surgical treatment ranging from simplest tooth extraction procedures to complex procedures which require extensive surgery of the oral and maxillofacial region for the purpose of enhancing function, appearance and/or correcting defects, repairing injuries or managing diseases.

### Career Prospects

The career opportunities after MDS in this specialty include Consultancy, Specialty Practice, Faculty in academic institutions, Government Health services, Research, Hospital Management, Defense Services, International Job/ research opportunities, PhD in India/ abroad, Fellowships in craniofacial surgery, cleft lip and palate surgery, orthognathic surgery, maxillofacial trauma management and opportunity to be part of Operation Smile, Smile train or similar programs

## MDS Oral Medicine and Radiology

**Duration**  
3 years

**Eligibility Criteria & Admission Process**  
Refer **Section 2**

**Course Fees, Hostel Fees, Refund Rules**  
Refer **Section 3**

**Last date to apply:**  
Refer NEET 2022 guidelines

**Commencement of Classes:**  
As per NMC guidelines

### Program Description

MDS in Oral Medicine & Radiology is a three year Postgraduate program. The program is designed to provide dental graduates advanced training inclinal and radiographic diagnosis of diseases of oral and paraoral structures and their medical management. The purpose of the course is to provide advanced education in the specialty to ensure excellence in patient care, teaching and research.

### Focus

The program focusses on providing training in the basic and advanced clinical and radiographic diagnostic procedures and techniques to recognize the oral diseases of local and constitutional origin and their medical management.

### Career Prospects

The career opportunities after MDS in this specialty include Consultancy, Specialty Practice or establishment of imaging center, Faculty in academic institutions, Government Health services, Research, Hospital Management, Defense Services, International Job/research opportunities, PhD in India/abroad. Opportunities are also available in the research & advisory departments of pharmaceutical and other companies manufacturing oral care products and topical oral formulations

## MDS Oral & Maxillofacial Pathology and Oral Microbiology

### Duration

3 years

### Eligibility Criteria & Admission Process

Refer Section 2

### Course Fees, Hostel Fees, Refund Rules

Refer Section 3

### Last date to apply:

Refer NEET 2022 guidelines

### Commencement of Classes:

As per NMC guidelines



### Program Description

MDS in Oral Pathology & Microbiology is a three year Postgraduate program. The program is designed to provide dental graduates advanced training in microscopic diagnosis of diseases of oral and paraoral structures. The purpose of the course is to provide advanced education in the specialty to ensure excellence in patient care, teaching and research.



### Focus

The program focusses on providing training in the basic and advanced histopathological diagnosis of specimens and in carrying out diagnostic procedures including cytological, microbiological, immunohistochemical and other investigations



### Career Prospects

The career opportunities after MDS in this specialty include Consultancy, Specialty Practice, Faculty in academic institutions, Government health services, Research, International Job/research opportunities, PhD in India and abroad, Fellowships in advanced oral biology and genomic technologies

## MDS Orthodontics and Dentofacial Orthopaedics

### Duration

3 years

### Eligibility Criteria & Admission Process

Refer Section 2

### Course Fees, Hostel Fees, Refund Rules

Refer Section 3

### Last date to apply:

Refer NEET 2022 guidelines

### Commencement of Classes:

As per NMC guidelines



### Program Description

MDS in Orthodontics & Dentofacial Orthopaedics is a three year Postgraduate program. The program is designed to provide dental graduates advanced training in correction of malocclusion. The purpose of the course is to provide advanced education in the specialty to ensure excellence in patient care, teaching and research.



### Focus

The program focusses on providing training in the diagnosis, prevention, interception, and correction of malocclusion and other abnormalities of the developing or mature orofacial structures



### Career Prospects

The career opportunities after MDS in this specialty include Consultancy, Specialty Practice, Faculty in academic institutions, Government Health services, Research, Hospital Management, Defense Services, International Job/research opportunities, PhD in India and abroad and Advisor for dental equipment and materials manufacturer

## MDS Pediatric and Preventive Dentistry

### Duration

3 Years

### Eligibility Criteria & Admission Process

Refer Section 2

### Course Fees, Hostel Fees, Refund Rules

Refer Section 3

### Last date to apply:

Refer NEET 2022 guidelines

### Commencement of Classes:

As per NMC guidelines



### Program Description

MDS in Pedodontics & Preventive Dentistry is a three year Postgraduate program. The program is designed to provide dental graduates advanced training in both primary and comprehensive, preventive and therapeutic oral health care of children including those with special health care needs. The purpose of the course is to provide advanced education in the specialty to ensure excellence in patient care, teaching and research



### Focus

The program focusses on providing training in diagnosis, prevention and management of oral and dental diseases in children, including those with special health care needs



### Career Prospects

The career opportunities after MDS in this specialty include Consultancy, Specialty Practice, Faculty in academic institutions, Government Health services, Research, Hospital Management, Defense Services, International Job/research opportunities, PhD in India/ abroad

## MDS Periodontology

### Duration

3 Years

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

### Last date to apply:

Refer NEET 2022 guidelines

### Commencement of Classes:

As per NMC guidelines



### Program Description

MDS in Periodontology is a three year Postgraduate program. It is designed to provide dental graduates advanced training in diagnosis, prevention and management of diseases of the supporting and investing structures (periodontium) of the teeth. The purpose of the course is to provide advanced education in the specialty to ensure excellence in patient care, teaching and research



### Focus

The program focusses on providing training in the various methods of diagnosis, prevention and management of diseases affecting the periodontal tissues



### Career Prospects

The career opportunities after MDS in this specialty include Consultancy, Specialty Practice, faculty in academic institutions, Government Health services, Research, Hospital Management, Defense Services, International Job/research opportunities, PhD in India/abroad. Opportunities are also available in the research & advisory departments of pharmaceutical and other companies manufacturing oral care products and medicines such as toothpastes, gum care products, mouth wash, etc.

## MDS Prosthodontics and Crown & Bridge

### Duration

3 Years

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

### Last date to apply:

Refer NEET 2022 guidelines

### Commencement of Classes:

As per NMC guidelines



### Program Description

MDS in Prosthodontics and Crown & Bridge is a three year postgraduate program. Training in this discipline provides advanced training to the dental graduates in diagnosis, treatment planning, rehabilitation, and maintenance of oral function, comfort, appearance, and health of patients with clinical conditions associated with missing or deficient teeth and/or oral and maxillofacial tissues using biocompatible substitutes. The purpose of the course is to provide advanced education in the specialty to ensure excellence in patient care, teaching and research



### Focus

The program focusses on providing the dental graduates training to achieve higher level of competence in both general and specialty areas of Prosthodontics and prepare them to develop teaching, research and clinical abilities



### Career Prospects

The career opportunities after MDS in this specialty include Consultancy, Specialty Practice, faculty in academic institutions, Government Health services, Research, Hospital Management, Defense Services, International Job/research opportunities, PhD in India/ abroad, Advisor for dental equipment and materials manufacturer

## MDS Public Health Dentistry

### Duration

3 Years

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

### Last date to apply:

Refer NEET 2022 guidelines

### Commencement of Classes:

As per NMC guidelines



### Program Description

MDS in Public Health Dentistry is a three year postgraduate program. Training in this discipline provides advanced training to the dental graduates in prevention and control of dental disease and promotion of dental health through organized community efforts. The purpose of the course is to provide advanced education in the specialty to ensure excellence in Community oral health care, teaching and research



### Focus

The program focusses on providing the dental graduates advanced training in general dentistry at the out-reach levels and research on oral health care



### Career Prospects

The career opportunities after MDS in this specialty include Consultancy, Specialty Practice, faculty in academic institutions, Government Health services, Research, Hospital Management, Defense Services, International Job/research opportunities, PhD in India/ abroad and opportunities in government bodies involved in planning of various policies related to oral health



## Fellowship Program in Restorative Dentistry

### Duration

1 year

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

**Last date to apply:** 15.10.2021

**Commencement of Classes:** 01.03.2022



### Program Description

A unique course of one complete year duration where multidisciplinary approach in Conservative dentistry, Endodontics, Prosthodontics, Periodontics and Oral Radiology is taught by the expert in the field



### Focus

Training to provide comprehensive dental care, Development and refinement of clinical skills with emphasis on array of Hi-tech equipment in Aesthetic dentistry, Conservative dentistry, Periodontics as well as Endodontics. Hands on training in oral lasers, surgical microscope, rotary endodontic systems, Hi-tech endodontic equipment, CBCT given by experts for developing skills for modern dental clinical practice



### Career Prospects

Helps in developing high competency for independent private practice, Career prospects in corporate sector, Career as clinical assistants abroad, Lecturer in dental colleges

## Certificate course in Forensic Odontology- Blended Module

### Duration

6 Months

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

**Last date to apply:** 15.06.2022

**Commencement of Classes:** June 2022



### Program Description

Certificate course in Forensic Odontology is a Blended-learning programme with 5 months of online course delivery and 5 days contact session, enabling minimal disruption of the participants routine schedule.



### Focus

This programme has well-structured online modules aligned with Outcome Based Education system. The course includes teaching with video lectures, screencasts of image analysis procedures, notes in PDF's, Published articles, and assessment using quizzes and online assignments. Besides, the contact session has a Five-day intensive hands-on workshop on Disaster Victim identification, Exhumation, Postmortem and Antemortem data analysis, Autopsy Procedures, Mock Court etc.



### Career Prospects

This course allows a person to combine a career in dental health with an interest in law enforcement and public services. Knowledge in forensic odontology opens up job avenues in collaboration with forensic medicine unit, in law firms, crime labs, legal organizations, disaster victim identification teams, insurance agencies, and armed forces etc.

For more details, contact

The Dean, MCOCS, Mangalore, Karnataka, India: 575001.

Email: [codsmng@manipal.edu](mailto:codsmng@manipal.edu)



# MANIPAL COLLEGE OF PHARMACEUTICAL SCIENCES [MCOPS]

MCOPS is an established name in pharmaceutical education with a strong focus on research and innovation.



#151-200

QS World University Rankings 2020  
by Subject - Pharmacy and  
Pharmacology

#7

Ranked Number 7 amongst pharmacy  
institutions in the country

Source: India Rankings 2020 by NIRF,  
MHRD, Govt. of India, April 2020

#1

Ranked Number 1 amongst private  
pharmacy colleges in the country

Source: CAREERS 360, September 2020

### ➤ Why should MCOPS be your first choice?

Choosing a college to pursue one's education is as much important as choosing the programs. For anyone opting pharmacy education in India, MCOPS should be the first choice. Here is why MCOPS scores over its peers in pharmaceutical education in India:

Established in 1963 by Dr. T M A Pai, the founder of Manipal, as a satellite of Kasturba Medical College, MCOPS became a full-fledged college in the eighties. Then onwards the growth of the college has been phenomenal in materials and men. This fifty-six year-old institution has become the byword for quality education in pharmaceutical sciences from diploma to postgraduate and doctoral programmes.

MCOPS boasts robust infrastructure and a seventy strong faculty. The teachers are well qualified with most of them having doctorate degree. A large number of students from MCOPS secure GPAT scholarship and also perform well in their competitive examinations.

Clinical training at a teaching hospital is essential for training PharmD and PharmD Post Baccalaureate programs. MCOPS has access to the clinical facilities of Kasturba Medical College Hospital.

Postgraduate teaching is facilitated through the conduct of workshops, seminars, symposiums and special guest lectures. Research facilities at MCOPS are of the highest order as the institution gets research grants from DST, DBT, CSIR, UGC, AICTE, ICMR and other funding institutions. The college accounts for a large number of scientific publications annually in high-impact journals.

MCOPS has been the launching pad for a number of highly qualified and successful pharmacy professionals in India and abroad. While many have risen to top administrative positions in academic institutions or industry, quite a few have become highly successful entrepreneurs, having their own industries or business.

### ➤ Recognitions

- All India Council for Technical Education (AICTE)
- Pharmacy Council of India (PCI) the top private colleges 5th rank)

### ➤ Accreditations

- National Board of Accreditation (NBA)
- ISO 9001-2015 & 14001-2004

### ➤ Advantages

International collaborations: To underscore global credentials, Manipal Academy of Higher Education and MCOPS have collaborated with foreign universities in all fields of study – engineering, medicine, pharmacy, communication and the culinary arts. These collaborations are effective in deepening the knowledge and skills of our students and faculty. Also, as a spin off these provide opportunities for students to interact with visiting scientists, artists and celebrities of international repute.

International Recognition: MAHE Association of Pharmacy Students (MAPS), a student body of Manipal College of Pharmaceutical Sciences, Manipal, became the first organisation in the country to be granted Membership in Association (MiA) recognition by the International Pharmaceutical Students' Federation (IPSF). MAPS was accorded membership during the 62nd IPSF General Assembly Session held

at Harare, Zimbabwe in August 2016. MCOPS has received the Full Membership of IPSF from 2019.

Industry tie-ups: Partnerships with industry boost innovation and help students gain skills that equip them for fulfilling careers. MCOPS has affiliations with industries across the spectrum. It is a learning experience for a lifetime. Smart students turn these exposures to scale the ladder in their pursuit of a bright career.

### ➤ Placements

- Well-organized Training and Placement Assistance Centre (TAPAC)
- Over 30 companies visit MCOPS for campus recruitments every year.
- Major recruiters include Abbott, AstraZeneca, Aurobindo Pharma, Eurofins, Advinus, Alkem, Biocon, Bioclinica, Bresmed, Cactus, Cipla, Covance, Dolcera, Dr Reddy's, Decision Resources Group, Eli Lilly, Eris Life Sciences, Godrej, GSK, Hetero, Himalaya, Indegene, Intas, IQVIA, Jubilant, Lotus, Lupin, L&T, Merck, Molecular Connections, Mylan, Nestle, Novartis, Novo Nordisk, Oaknet Healthcare, Overseas Healthcare, Parexel, Perkin Elmer, Pfizer, PharmaAce, Pharmanova, Phenomenex, Precision Business Insights, Rubicon, Sciformix, Springer Nature, Strides, Sun Pharma, Suven, Syngene, TCS, Vknow, Wissen Infotech and WNS.
- International Association for Exchange of Students for Technical Experience (IAESTE) for projects
- Summer Immersion program in Pharmaceutical Sciences

### Student Exchange Programs through IPSF

- International Association for Exchange of Students for Technical Experience (IAESTE)
- International Association for Students in Economic and Commercial Sciences (AIESEC)
- Bilateral/Unilateral through Memorandum of Understanding with Partner Universities

### Research Excellence

MCOPS provides ample scope for students to expand their learning through research opportunities. The institute has grants worth over 15 crore in ongoing research projects.

### Research Excellence in Numbers

For the last 5 years	
Research Publications	598
Funds Received in ₹	More than 15 crores
Workshops/Seminars	17
Workshops/Conferences conducted	50



## Diploma in Pharmacy (DPharm)

**Duration**  
2 Years

**Eligibility Criteria & Admission Process**  
Refer **Section 2**

**Course Fees, Hostel Fees, Refund Rules**  
Refer **Section 3**

**Last date to apply:** 30.04.2022

**Commencement of Classes:** 13.07.2022



### Program Description

DPharm is designed to meet the requirements of community and hospital pharmacy.



### Focus

This program is focused on fundamental aspects of pharmacy profession including pharmaceuticals, pharmaceutical chemistry, pharmacognosy and pharmacology. The program provides knowledge on Health Education and Community Pharmacy, Drug Store and Business Management, Hospital and Clinical Pharmacy etc.



### Career Prospects

The DPharm holders will have opportunity to work in community and hospital pharmacy units where dispensing medicines is the main job role.

DPharm holders can also pursue higher learning in pharmacy through Bachelor of Pharmacy (BPharm)-Lateral entry.

Recently in 2020, the DPharm program came into limelight, when there was a great demand in the Indian Army

## Bachelor of Pharmacy (BPharm)

**Duration**  
4 Years (8 Semesters)

**Eligibility Criteria & Admission Process**  
Refer **Section 2**

**Course Fees, Hostel Fees, Refund Rules**  
Refer **Section 3**

**Last date to apply:** 15.03.2022

**Commencement of Classes:** 13.07.2022



### Program Description

BPharm program is designed to impart fundamental knowledge of medicines, including discovering new medicines for incurable diseases. The course is prepared considering the needs of industry, which gives more impetus for skill development. It addresses all other demands of the profession of pharmacy.



### Focus

In the first year, students gain basic knowledge of human anatomy and physiology, biochemistry, chemistry, analysis, pathophysiology and preparation of pharmaceuticals. In the second year, they study about various physical and physicochemical properties, principles involved in dosage form design, microbiology, medicinal chemistry and pharmacology. In third year, pharmacognosy related to plant medicines, industrial pharmacy, pharmacology and medicinal chemistry are taught. Fourth year is focused on pharmacy practice, Instrumental analysis and novel drug delivery systems. There are a few elective subjects in fourth year.



### Career Prospects

BPharm graduates can do the roles of Industrial Pharmacist, Hospital and Community Pharmacist, Sales and Distribution Executive, Academic Pharmacist (training diploma in pharmacy students). With higher qualification, MPharm, a student can get jobs in niche areas such as research, regulatory affairs, formulation development, marketing and administration in pharma industry.



## Bachelor of Pharmacy (BPharm) - Lateral Entry

### Duration

3 Years (6 Semesters)

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

**Last date to apply:** 31.05.2022

**Commencement of Classes:** 01.07.2022



### Program Description

BPharm-Lateral is offered to a candidate with DPharm qualification who would like to pursue higher learning in pharmacy. Thus the lateral entry system allows the candidate to get admission into the second year BPharm directly. So, with three years of further studies, these Diploma in Pharmacy holders can become pharmacy graduates.



### Focus

In second year, students study various physical and physicochemical properties, principles involved in dosage form design along with microbiology, medicinal chemistry. In third year, pharmacognosy related to plant medicines, industrial pharmacy, pharmacology and medicinal chemistry are taught. Fourth year is focused on pharmacy practice, Instrumental analysis and novel drug delivery systems. There are a few elective subjects in fourth year.



### Career Prospects

After completion of the program, BPharm graduates can opt to work in Clinical Research, Quality Control, Formulation Development (F&D), Manufacturing division of the Pharmaceutical Industry, Government sectors such as Drug Inspector and other Drug Regulatory Divisions, Medical writing and Community and Hospital pharmacist.

## Doctor of Pharmacy (PharmD)

### Duration

6 Years

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

**Last date to apply:** 15.03.2022

**Commencement of Classes:** 13.07.2022



### Program Description

Doctor of Pharmacy (PharmD) is a practice-oriented program. The PharmD graduate is a true link between the patient and the doctor to give maximum pharmaceutical care to the patient. Curriculum focuses on patient oriented roles which includes provision of up-to-date drug information, monitoring adverse drug reaction, screening prescriptions for drug interactions, advice alternatives, counsel the patients regarding drugs for optimal therapy and provide pharmaceutical care. Program also covers clinical and epidemiological research.



### Focus

This six-year program is unique because it combines the development and application of advanced clinical pharmacy skills with contextual research. The program comprises five years of classroom/hospital-based didactic study and a research project followed by one year internship.



### Career Prospects

Students have opportunities in various industrial sectors such as clinical research, medical writing, pharmacovigilance, medical liaison officer, health insurance, data analysts, medical affairs and scientific officer. They can opt for higher studies, join in teaching institutions and also work as a clinical pharmacist. PharmD graduates are eligible to write various foreign pharmacy licensure examinations including in the USA.

## Doctor of Pharmacy Post Baccalaureate - PharmD (PB)

### Duration

3 Years

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

**Last date to apply:** 10.05.2022

**Commencement of Classes:** 01.07.2022



### Program Description

This three year program provides opportunity for BPharm graduates to acquire practice based PharmD (PB) Degree. This program functions as a bridge between traditional BPharm and regular PharmD by advancing professional skills and career options in clinical practice and research. The patient-oriented roles are similar to PharmD degree. Program also includes clinical and epidemiological research.



### Focus

A three-year program, which includes two years of didactic study (course work similar to PharmD), a research project and one-year internship, empowers practicing pharmacists to assume leadership roles that drive professional enrichment



### Career Prospects

PharmD (PB) graduates would be involved in patient care, intimate contact with clinicians and other members of the health care team. They would be involved in solving drug query and handle different software like SPSS, Micromedex and Winnonlin, to meet the current demand.



## MPharm Pharmaceutical Chemistry

### Duration

2 Years (4 Semesters)

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

**Last date to apply:** 10.05.2022

**Commencement of Classes:** 13.07.2022



### Program Description

This program is methodically structured and designed to prepare the students for a career in various divisions of pharmaceutical industry like drug discovery & development and computer-aided drug design (CADD).



### Focus

The program provides theoretical knowledge in topics of drug design, including CADD, Medicinal, Organic, and Process chemistry. It also includes analytical techniques along with practical skills in drug synthesis, natural products isolation, determination of physicochemical properties, and separation techniques.

Seminars are the part of PG curriculum that provides the students an opportunity to develop good communication and presentation skills. In the second year of the PG studies, the student carries out the dissertation work either in reputed R & D centers of the pharmaceutical industry or in the college.



### Career Prospects

Following prospects are available to the students in:

- Pharma and Biotech industry-R&D, process chemistry, quality control, regulatory and IPR.
- Drug regulatory authorities,
- Academics and research

## MPharm Pharmacology

### Duration

2 Years (4 Semesters)

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

**Last date to apply:** 10.05.2022

**Commencement of Classes:** 13.07.2022



### Program Description

This two-year program is designed to provide advanced training in various aspects of pharmacology, molecular biology, pharmaco-therapeutics, pre-clinical and clinical drug development. Fine experiments have been structured in the above mentioned areas, which equip the student with skills for research. They are a much sought-after tribe in academia and industry.



### Focus

The program imparts training in areas such as analytical techniques, advanced pharmacology, pharmacological and toxicological screening, Cellular and Molecular Pharmacology, Principles of Drug Discovery, Clinical Research and Pharmacovigilance, which facilitates the students to build their theoretical and practical knowledge. The course also focuses on improving the core competence of students in tissue-based experiments, animal handling, in vivo and in vitro pharmacological experimentation, etc. Students undergo internships during second year either at reputed pharmaceutical companies or in college.



### Career Prospects

Research scientist in Research and Development, Clinical research associate in Clinical Research Organization [CRO], Business Development [BD] in CRO Pharmaceutical company [basic research], Pharmacovigilance, Academia, Medical/Scientific writing. Further, students can pursue PhD, both in India and abroad.

## MPharm Pharmaceutics

### Duration

2 Years (4 Semesters)

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

**Last date to apply:** 10.05.2022

**Commencement of Classes:** 13.07.2022



### Program Description

This program is methodically structured to prepare the students for a career in pharmaceutical industries, academics and to continue research activities in various disciplines of pharmaceutical sciences leading to higher degrees.



### Focus

First and second semesters of this program impart knowledge on advanced analytical techniques, basic concepts of drug delivery systems, industrial manufacturing techniques, drug regulations, nanotechnology and targeted drug delivery, biopharmaceutics, pharmacokinetics, research methodology, biostatistics and computer aided drug delivery systems. Semesters 3 and 4 involve the study of "Choice based Electives" and a research focused dissertation work.



### Career Prospects

Following prospects are available to the students:

- Pharmaceutical Industries: Research and Development, Production/ Manufacturing, Validation Aspects, Quality Assurance/ control, Technology Transfer, Process Development, Formulation Development, Drug Metabolism and Pharmacokinetics, Intellectual Property Rights, Regulatory Affairs, etc.
- Entrepreneurship and consultancy
- Higher studies
- Academics

## MPharm Pharmacognosy

### Duration

2 Years (4 Semesters)

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

**Last date to apply:** 10.05.2022

**Commencement of Classes:** 13.07.2022



### Program Description

The program caters to the modern needs of herbal industry by providing conducive ambience for learning and develops skills to benefit the industrial and academic demands.



### Focus

The program offers extensive training about the latest developments in the field of natural products, including the latest developments in the scientific field. Herbal product development, natural products drug discovery, development of nutraceuticals, dietary supplements and cosmeceuticals, herbal IPR, and patenting are the focused areas of the department.



### Career Prospects

The program offers opportunities in:

- R&D units of herbal drug manufacturing companies.
- Nutraceutical and Cosmeceutical industries.
- Drug discovery and research.
- Regulatory affairs of herbal industry.
- QA analysis in herbal industry.
- Academics.

## MPharm Pharmacy Practice

### Duration

2 Years (4 Semesters)

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

**Last date to apply:** 10.05.2022

**Commencement of Classes:** 13.07.2022



### Program Description

The program is designed to impart the basic knowledge and skills to the clinical practice of pharmacy as part of a multidisciplinary healthcare team directed at achieving quality use of medicine. The program includes participation in the management of individual patients and involvement in clinical research.



### Focus

Four semesters (Two academic years) of curriculum constitutes two semesters of classroom/hospital-based didactic study (an abbreviated and intensive version of PharmD curriculum), followed by two semesters of research work. The broad curriculum offers extensive opportunities that lead to careers in health systems, community pharmacy, hospital pharmacy, pharmaceutical companies, government, and other public sectors, as well as academic careers.



### Career Prospects

Opportunities in various industrial sectors such as clinical research, medical writing, pharmacovigilance, medical liaison officer, health insurance, data analysts, medical affairs and scientific officer. They can opt for higher studies, teaching institutions and also work as clinical pharmacist.

MPharm (Pharmacy Practice) graduates are eligible to write various foreign pharmacy licensure examinations including in the USA.

## MPharm Pharmaceutical Administration

### Duration

2 Years (4 Semesters)

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

**Last date to apply:** 10.05.2022

**Commencement of Classes:** 13.07.2022



### Program Description

The program was started in 1971, was the first of its kind in the country. The course helps the students to take up leadership and decision making positions in the pharmaceutical industry, research and academia as a result of rigorous training given to them.



### Focus

The program focuses on training the students in pharmaceutical marketing and management, helping them sharpen their skills of studying, interpreting, and analyzing trends in the biopharmaceutical sector. The department also focuses on soft skills where the students will be able to better handle interpersonal relationships with a strong sense of empathy.



### Career Prospects

The Program offers many career opportunities in a wide array of fields. It facilitates students to take up positions such as business analyst, market research analyst, pharmaceutical sales and marketing, product management team (PMT), regulatory affairs, intellectual property management, business development, international marketing, international trade, data analytics, cosmeceuticals and nutraceuticals, health economics, etc.

## MPharm Pharmaceutical Quality Assurance

### Duration

2 Years (4 Semesters)

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

**Last date to apply:** 10.05.2022

**Commencement of Classes:** 03.07.2022



### Program Description

The course is designed to address the needs of the pharmaceutical industry along with keen emphasis on pharmaceutical research & development.



### Focus

The students will learn:

- Advanced analytical instrumental techniques for identification, characterization and quantification of drugs.
- Quality assurance and quality control evaluation in the pharmaceutical industry.
- Product development and technology transfer.
- Hazards and safety management.
- Audits and regulatory compliance.



### Career Prospects

The program offers opportunities in :

- Pharmaceutical research & development, including bio-analytical, analytical and in the drug development areas.
- Quality Assurance and Quality control department of pharmaceutical industry.
- Regulatory compliance and regulatory submissions for various regulatory bodies.
- Research, teaching and consultancy.

## MPharm Pharmaceutical Biotechnology

### Duration

2 Years (4 Semesters)

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

**Last date to apply:** 10.05.2022

**Commencement of Classes:** 03.07.2022



### Program Description

Pharmaceutical Biotechnology with its recent advancements is changing the way the disease is looked at. The course provides the knowledge and skills to access this booming sector.



### Focus

The program provides theoretical inputs on both basic and applied aspects of bioprocess engineering, microbial and cellular biology, proteins and protein formulations, advanced pharmaceutical biotechnology, biological evaluation of drugs and therapeutics, immunotechnology, bioinformatics and computational biotechnology. The students will have extensive practical hands-on training in recombinant DNA technology, basic molecular biology techniques, animal tissue culture, fermentation, proteomics, diagnostic tests (ELISA), Western blot, Nano-biotechnology etc. Projects train students to take-up extensive literature survey to identify research gaps, formulate research problem, design research protocols, implement them to generate, interpret data and arrive at meaningful conclusion.



### Career Prospects

The program is envisaged to create competent professionals to take up suitable position in niche areas of Biopharmaceutical industry such as research and development, drug discovery, regulatory aspects, production of biopharmaceuticals and microbial quality control labs.

## MPharm Pharmaceutical Regulatory Affairs

### Duration

2 Years (4 Semesters)

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

**Last date to apply:** 10.05.2022

**Commencement of Classes:** 03.07.2022



### Program Description

The course provides a comprehensive understanding of important aspects of Regulatory and Quality Compliance in the pharmaceutical industry.



### Focus

The students will learn:

- Various Good Regulatory Practice.
- Documentation and regulatory writing.
- Dossier preparation and submission as per the industry trends.
- GMP compliance audit.
- Clinical research regulations.
- Regulations & legislation for drug and cosmetic acts, medical devices, herbals, nutraceuticals and biologics in various markets.



### Career Prospects

The program offers opportunities in Pharma & Biotech industries/ Clinical research organizations:

- Regulatory compliance and regulatory submissions for various regulatory bodies.
- Regulatory writing.
- Quality assurance, regulatory audits and inspections.
- Research, teaching and consultancy.

## MPharm Industrial Pharmacy

### Duration

2 Years (4 Semesters)

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

**Last date to apply:** 10.05.2022

**Commencement of Classes:** 13.07.2022



### Program Description

The program is meticulously designed in such a way that student would get a clear idea on various aspects of the pharmaceutical industry that could suit the present day requisites of the industry. The students can also continue research activities in various disciplines of pharmaceutical sciences leading to higher degrees in academics.



### Focus

Semesters 1 and 2 include the curriculum that keeps abreast of the latest advancements in Industrial Pharmacy and endeavors to develop pharma professionals of high quality. Majority of the courses offered are similar to MPharm Pharmaceutics except for key concepts on Intellectual Property, Scale up and technology transfer, and Entrepreneurship Management. Third and Fourth Semesters involve the study of "Choice based Electives" and a research focused dissertation work.



### Career Prospects

Following prospects are available for the students in:

- Pharmaceutical Industries: Formulation Development, Production/ Manufacturing, Validation aspects, Quality assurance/ control, Technology Transfer, Process Development, Research and Development, Drug Metabolism and Pharmacokinetics (DMPK), Intellectual Property Rights, Pharmacovigilance, Scientific Writing, Regulatory Affairs,
- Entrepreneurship and consultancy.
- Higher studies.
- Academics.



## MPharm Pharmaceutical Analysis

### Duration

2 Years (4 Semesters)

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

**Last date to apply:** 10.05.2022

**Commencement of Classes:** 13.07.2022



### Program Description

This PG program offers the students a career in the analytical division of the Pharmaceutical industry and academics.



### Focus

This program provides theoretical and practical knowledge in areas such as method development and validation, handling of raw materials and finished products, documentations, inspections that impact the development of pharmaceutical products. It also includes knowledge of food, herbal, and cosmetic analysis.

Seminars are the part of the curriculum that provides the students an opportunity to develop good communication and presentation skills.

In the second year for the PG studies, the student carries out the dissertation work either in reputed R & D and analytical centers of the pharmaceutical industry or in the college.



### Career Prospects

Following prospects are available for the students in:

- Pharma and Biotech industry- R&D, quality control and quality assurance labs, regulatory and IPR.
- Drug regulatory authorities.
- Academics and research.
- Food and Cosmetic industry and as well as in medical writing.

# MANIPAL COLLEGE OF HEALTH PROFESSIONS [MCHP]

The Manipal College of Health Professions, first and largest full-fledged institute of health professions in India was founded in 1999 to train high calibre health care professionals with an aim to prevent, diagnose and manage a range of conditions and illnesses and often work within a multidisciplinary health team to provide the best patient outcomes. Working in tandem with health care teams at our University and other hospitals to make the health care system function more robust, they have been providing a range of diagnostic, technical, therapeutic and direct patient care and support services that are critical to the other health professionals they work with and the patients they serve. It is estimated that the global demand for health workers may rise to 80 million by 2030.





The courses offered are specifically designed to prepare under graduates and post graduate students for rewarding careers in the nationally and globally growing healthcare industry. Since its establishment in 1999, the growth of this institution has been phenomenal and it is now acclaimed as a center of excellence in health professions in the nation, mainly because of its demand-driven health related programs, the excellent infrastructure, clinical facilities and dedicated, qualified faculty. The institute currently offers over 63 programs. The majority of the alumni of the institute are placed overseas in universities, hospitals, healthcare teams and in private practice. MCHP takes pride in its faculty, and it attracts a large number of overseas observers to its various departments and has on its roll, students from over 15 countries. The institute offers an intellectually stimulating environment coupled with rich cultural, social, sporting and harmonious life of the university campus.

MCHP has been rated as 'Excellent' by the Rehabilitation Council of India (RCI) and the Ministry of Health and Family Welfare (MoHFW), Government of India has considered the institute as the model for its proposed National and Regional Institutes of Allied Health Sciences (NIAHS and RIAHS).

In its 23 years of existence, MCHP has built a strong academic and research environment through many multidisciplinary collaborations with academic institutions and research organizations of national and international repute. The research activities carried out by majority of departments of MCHP are vivid and worthwhile in the global health professions research arena. The training programs across all domains are considered as the best in the country and are on par with similar programs offered by many international universities of repute. Academic excellence and research capabilities make MCHP one of the best institution in the global atlas of Allied Health Sciences education and research. MCHP is truly a centre where research skills gel with the

curriculum and makes learning a unique experience.

### ► Accreditations & Recognition

- National Assessment and Accreditation Council (NAAC)
- ISO 9001:2015, ISO 14001:2015, ISO 50001:2011
- Speech and Hearing, Clinical Psychology - Rehabilitation Council of India (RCI)
- Nuclear Medicine Technology, Radiotherapy Technology, Medical Imaging Technology, Medical Radiation Physics - Atomic Energy Regulatory Board (AERB)
- Occupational Therapy - All India Occupational Therapists' Association (AIOTA), International Federation of Societies for Hand Therapy and World Federation of Occupational Therapists
- Physiotherapy - Indian Association of Physiotherapists (IAP), International Federation of Societies for Hand Therapy
- Ministry of Health in Kuwait, Qatar, Oman & UAE
- American Health Information Management (AHIM) Foundation, Chicago, USA
- Optometry - Association of Schools and Colleges of Optometry, India and World Council of Optometry, UK
- Exercise and Sports Sciences - European College of Sports Science

### ► Research Excellence

Manipal College of Health Professions is one of the most active research and innovation centres in the field of Health Professions.

Manipal College of Health Professions is the first Institution in the country offering doctoral programmes in various specialities of Health Professions. With 60 doctorates, the institute has some of the most qualified research guides in the country. This, along with best-in-class infrastructure has made MCHP a sought after destination for international students to pursue their doctoral degrees.

The institution has received grants from Erasmus plus for optometry curriculum update for life long learning through Erasmus-OCULUS.

### ► National/International Collaborations

- Acumenn Integrated Healthcare & Movement Science Academy (AIHMSA), Malaysia
- American Health Information Management (AHIMA) Foundation, Chicago, USA
- Auckland University of Technology, New Zealand
- Badminton World Federation, Malaysia
- California State University
- Cancer Aid and Research Foundation (CARF), India
- Deakin University, Australia
- ERASMUS+ funded by European Union
- Flinders University, Australia
- Georgia State University, USA
- Griffith University, Australia
- Heritage Care Inc. USA
- Indiana University Purdue University Indianapolis (IUPUI)
- Lamar University, USA
- Macquarie University, Australia
- McGill University, Canada
- Medical Committee Netherlands, Vietnam
- Ochsner Clinic Foundation, USA
- Oslo & Akershus University College of Applied Sciences, Norway
- Perdana University, Malaysia
- Royal Melbourne Institute of Technology, Australia
- University College of Northern Denmark, Denmark
- University of Arkansas of Medical Sciences, USA
- University of Illionis, USA
- University of Kansas Medical Centre, USA
- University of Kentucky, USA
- University of New South Wales, Australia
- University of Miami, USA
- University of Royal Liverpool & Broadgreen University Hospitals, UK
- University of Sydney, Australia

- World Diabetes Foundation, Denmark
- Gulf Medical University, UAE
- Piedmont University, USA

### Industry Collaboration

- Composite Regional Centre for Person with Disability, Kozhikode, Kerala
- Healthcare Technology innovation Centre, IIT Madras
- Robert Bosch Engineering Solutions Pvt. Ltd, Bangalore
- VISINT Healthcare Pvt Ltd.
- Wipro GE Healthcare Pvt.Ltd.
- DH Healthcare Software Services (India) Pvt. Limited, UK.

### Student Exchange Program & Clinical Placements

- Deakin University, Australia
- Flinders University, Australia
- Indiana University Purdue University Indianapolis (IUPUI)
- Lamar University, USA
- Manchester Metropolitan University, UK
- MGH IHP, Boston
- Oslo Metropolitan University, Norway
- University of Arkansas Medical Sciences
- University of Medicine, I Yangon, Myanmar
- University of Melbourne, Australia
- University of Texas Health Science Center, San Antonio

### Innovations

The School also provides institutional support to faculties and student innovators. Also facilitates interdisciplinary research and innovation in the field of Health care. Our faculties and students have participated and won many awards in the innovation meets organized by Industry and various institutions in and outside India.

To name a few

- Lower limb reaction time
- Speech enabled chest vibrometer
- Pain relieving instruments
- Modified mouse for stroke patients
- Smart tie

- Smart shoe for stroke patients
- Device to increase the range of forearm rotation
- Ocular digital adaptor
- Digital vernier-caliper tool for static and dynamic scapular positions
- Novel hand rehabilitation board
- Mind reading program for visual processing abilities in individuals with autism
- A computer based measure of everyday working memory in adults
- Tab/Text to speak assistive communicative device
- Eye Tracking AAC for individuals with communication challenges
- Android App for language training in Persons with Aphasia
- Smartphone based eye imaging tool - OcuDA
- Novel vanishing optotype based visual acuity chart
- Manipal e-amsler for monitoring of macular problems

- Flexmore Intradialytic weight measurement
- Personal protective devices

### Advantages

- First institution in India exclusively dedicated to the education of Allied Health Professionals
- Clinical training at Manipal Hospital Bangalore & Jaipur and Kasturba Hospital, Manipal & Mangalore
- Courses recognized by respective regulatory bodies in India and abroad
- Internationally accepted curriculum
- Highly trained and experienced faculty with doctoral degree in the respective specialities
- Opportunities for national & international externships
- National and international collaboration
- State of the art labs and academic spread across 100,000 square feet

### Research Excellence in Numbers

For the last 5 years	Manipal	Mangalore	Bangalore
Journal Publication	520	181	30
Conference presentation	380	201	29
Workshop/seminars	1128	40	29
Ongoing Funded research projects	28	04	03
Research projects completed	25	04	
Ongoing Research Grant amount	4.46 Cr	1.5 Cr	1.25 Cr

### Research Activities

The institution actively focuses on research through:

- Centre for Sports Science, Medicine and Research
- Centre for Comprehensive Stroke Rehabilitation and Research
- Centre for Diabetic Foot care and Research
- Interdisciplinary Centre for Craniofacial and Orofacial Pain Research
- Centre for Studies on Healthy Aging
- Centre for Balance Disorders
- Centre for Comprehensive Rehabilitation
- Centre for Educational Consultancy
- Centre for Swallowing

### Research Groups

- Digital Health technology in LMIC
- Ageing and health
- Farmers Occupational Eye Health

Along with this the departments of MCHP have been actively focusing on areas such as Vision research, Cognition and communication, neuroscience, Audiology, cardiovascular sciences, respiratory disorders, occupational health, Laboratory technology, Nuclear Medicine, Renal disorders, Mental health etc

The institution has received grants from World Diabetic Foundation, Grand Challenges Canada, International development Research Centre, ICMR, DST, DBT, AERB, ICSSR, BIRAC, NCERT, SERB, Optometry Council of India etc.

## ▮ Placements

Manipal College of Health professions is focused on ensuring challenging and rewarding career opportunities for its students. More than 70% of the students are either placed outside India or pursuing higher education in international universities.

With a vision to drive the allied health professions to new heights, we are tapping all the resources which can accommodate the budding professionals in their elite organizations. Most of the post graduates who conceded with the learnt skills from MCHP, have been absorbed well in many of the reputed organizations.

MCHP's graduate & postgraduates are associated with national and international firms like

Aditya Birla Group | Alcon | Amplifon | Arvind Eye Hospital | Aster DM Health Care | BMR Health Service, USA | DELL, Bangalore | Draeger India Private Ltd | Dubai Health Care City | Essilor | Fortis O2 Health Studio, Chennai | GE Healthcare, India | Gen works, (A Wipro GE Health Care Invested company) | Hamad Medical Corporation, Qatar | HCG | Invictus Lab | Kokilaben Dhirubai Ambani Clinical & Research Hospital | Magpie Speech & Language Intervention Services | Max health care Group | MCura | New Ro Rehabilitation, Bangalore | Nightingales | Nova IVI Fertility | ONLY group | Philips | Philips respironics | Portea | Qatar Sports Fitness Club, Qatar | Qi Spine | RCM Health Care Service, USA | Skanray | Speranza, Mangalore | Synapse Physio Pvt. Ltd. | Triesta | Victor Hospital and Medical Services | Wipro GE Healthcare | Wockhardt Hospital | Zeiss | Jogo | Prophysio | Jajal Medical Services | InMed Prognostics | Teleradiology Solutions | Synthetic MR | Remidio Innovative Solutions Pvt. Ltd. | Inspire | Wellness One | Practo Technologies Pvt. Ltd

## Bachelor in Audiology & Speech Language Pathology - B.ASLP

Offered at Manipal and Mangaluru Campuses

### Duration

4 years inclusive of 1 year Internship

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

**Last date to apply:** 30.04.2022

**Commencement of Classes:** 09.08.2022



### Program Description

The graduate program is designed to train professionals in Speech-Language Pathology and Audiology who can independently and along with health care team evaluate and manage persons with speech, language, hearing and swallowing disorders across the age group.



### Focus

The training encompasses evaluation and management of delayed speech and language, misarticulation, voice problems, stammering, neurogenic disorders of speech, language and cognitive-communication, swallowing difficulty and assessment of hearing impairment along with prescription and fitting of amplification devices.



### Career Prospects

The Speech-Language Pathology and Audiology is one of the upcoming and exciting profession with excellent job prospective. This specialty is committed to serve the persons with communication disorders. The trained professionals have an excellent opportunity to work in a variety of set-ups such as hospitals, rehabilitation centres, polyclinics, industries, training institutions, various state agencies, home health, school systems and in private practice.

## Bachelor of Occupational Therapy - BOT

Offered at Manipal Campus

### Duration

4.5 years inclusive of 6 months internship

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

**Last date to apply:** 30.04.2022

**Commencement of Classes:** 09.08.2022



### Program Description

The Bachelor of Occupational Therapy (BOT) program is designed to prepare competent occupational therapists who will provide professional and ethical services to their clients. This program will enable graduates to work for promoting the functional participation of individuals and communities in their valued occupations.



### Focus

Students are trained to work for ensuring participation in occupations to promote health, well-being and inclusion of individuals of all ages and with various conditions including neurological, orthopedic, psychiatric and pediatric diagnosis.



### Career Prospects

Graduates of this program can find placements in traditional and non-traditional areas including:

- Hospitals, rehabilitation centres
- Special schools
- Industrial Medical Facilities
- De-addiction centres
- Educational Institutions
- Geriatric centres
- Private Practice
- NGOs

## Bachelor of Optometry - B.Optom

Offered at Manipal and Jamshedpur Campuses

### Duration

4 years inclusive of 1 year Internship

**Eligibility Criteria & Admission Process**  
Refer **Section 2**

**Course Fees, Hostel Fees, Refund Rules**  
Refer **Section 3**

**Last date to apply:** 30.04.2022

**Commencement of Classes:** 09.08.2022



### Program Description

This course is designed to prepare the graduates for the dynamic practice of Optometry with patient-centered educational program. This course provides platform for the students in primary eye care and various other specialties in children and adults.



### Focus

During the program, students are trained to perform comprehensive eye examination and provide appropriate optometric management. Students are provided training in the areas of contact lens, low vision and binocular vision during the course along with participation in various national level community-based eye screening camps.



### Career Prospects

Graduates of this program can find placements in traditional and non-traditional areas including:

- Tertiary eye care Hospitals
- Optical and Contact lens industries
- Private Practice
- NGOs

## Bachelor of Physiotherapy - BPT

Offered at Manipal and Mangaluru Campuses

### Duration

4.5 years inclusive of 6 months internship

**Eligibility Criteria & Admission Process**  
Refer **Section 2**

**Course Fees, Hostel Fees, Refund Rules**  
Refer **Section 3**

**Last date to apply:** 30.04.2022

**Commencement of Classes:** 09.08.2022



### Program Description

The Bachelor of Physiotherapy program envisages producing competent physiotherapists who can independently evaluate, prescribe and practice physiotherapy for musculoskeletal, neurological, cardiopulmonary, pediatric, geriatric and women's health related conditions, to optimize function and improve quality of life.



### Focus

Student's learning focuses on core competencies essential for high quality physiotherapy practice. The training through the program aims at maximizing functional abilities and to improve the quality of life of patients.



### Career Prospects

Graduates of this program can find placements in

- Hospitals, Clinics, Nursing Homes
- Private Practice
- Specialized Hospitals / Health facilities
- Special Schools
- Sports Teams
- Geriatric Centres
- Comprehensive rehabilitation centres
- Community based rehabilitation teams and NGOs

## B.Sc. Anaesthesia & Operation Theatre Technology

Offered at Manipal Campus

### Duration

4 years inclusive of 1 year Internship

**Eligibility Criteria & Admission Process**  
Refer **Section 2**

**Course Fees, Hostel Fees, Refund Rules**  
Refer **Section 3**

**Last date to apply:** 30.04.2022

**Commencement of Classes:** 09.08.2022



### Program Description

The course is designed in relevance to the current requirement of Anesthesia Technologist in healthcare industry. This program prepares the candidate to be a part of the multidisciplinary team in operation theatres, who prepare and maintain an operating theatre, assists anesthetist and surgical team during peri-operative period and provides support to patients in the recovery room.



### Focus

The focus of the program is to train the students to work along with anesthetist in administering anesthesia during surgical, therapeutic, diagnostic, and obstetric procedures. The students are also trained for managing contraindications or side effects of anesthesia with patients and patient monitoring during and after surgical procedures.



### Career Prospects

Can work as an anesthesia technologist in variety of health care settings including:

- Medical and surgical hospitals
- Critical access hospitals
- Mobile surgery centers
- Outpatient care centers

## B.Sc. Cardiovascular Technology

Offered at Manipal, Mangaluru and Jamshedpur Campuses

### Duration

4 years inclusive of 1 year Internship

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

**Last date to apply:** 30.04.2022

**Commencement of Classes:** 09.08.2022



### Program Description

The B.Sc. Cardiovascular Technology is a clinically oriented course, which trains students in all diagnostic modalities of cardiology including ECG, TMT, Echo etc.



### Focus

Students are trained to examine and understand cardiac diseases with the help of clinicians and various imaging and diagnostic modalities, also assist in operating equipment and administration of cardiac catheterization procedures in invasive cardiac setup.



### Career Prospects

Graduates of this program can find placements in traditional and non-traditional areas including:

- Hospitals and diagnostic centres
- Application specialist and trainer
- Manufacturing industries/ companies (Devices, Implants, Stents, Balloons and Catheters)
- Industrial Medical facilities
- Educational Institutions

## B.Sc. Emergency Medical Technology

Offered at Manipal Campus

### Duration

4 years inclusive of 1 year Internship

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

**Last date to apply:** 30.04.2022

**Commencement of Classes:** 09.08.2022



### Program Description

Emergency Medical Technology is a speedily growing and exhilarating speciality, which is much needed with the growing burden of disease and the need for high quality pre-hospital services. It is concerned with the initial diagnosis and management of the acutely ill and injuries affecting people of all age groups.



### Focus

In the hospital setting, they will have the opportunity to work with Emergency department teams consisting of doctors, nurses and other health care practitioners working round the clock. Certified Emergency Physicians carry out their core training in the Emergency department from the very first semester. Their core subjects include Triage, emergency equipment, emergency ECG and hemodynamic monitoring, emergency radiology, Emergency pharmacology, trauma, medical and surgical emergencies, cardiac emergencies, medical law and ethics. Additionally they are introduced to topics such as telemedicine, disaster response, paediatric and neonatal emergencies.



### Career Prospects

Students with Emergency Medicine technology bachelor's degree will have the opportunity to work in pre-hospital Emergency medical services ranging from motor vehicular, air and waterway ambulances as well as complex intra hospital and intra departmental hospital transfers.

- Emergency Medicine Departments
- Ambulance services
- Disaster management services





## B.Sc. Exercise and Sports Science

Offered at Manipal and Jamshedpur Campuses

### Duration

3 Years + 1 Honours\* (Optional)  
\*Subject to eligibility.

**Eligibility Criteria & Admission Process**  
Refer **Section 2**

**Course Fees, Hostel Fees, Refund Rules**  
Refer **Section 3**

**Last date to apply:** 30.04.2022

**Commencement of Classes:** 09.08.2022

### Program Description

The BSc. Exercise and Sports Science course aims to enable students to achieve personal, professional and academic development required to become competent exercise and sports scientists with the ability to meet the challenges and technological progress of the sports and fitness industry. **There are limited student exchange opportunities to pursue the course at Deakin University, Australia.**

### Focus

Students are trained to assess and evaluate the fitness, performance, and injury risk of athletes and other individuals. The students also learn interventions to train individuals to enhance performance and prevent injuries.

### Career Prospects

Graduates of this program can find placements in traditional and non-traditional areas including:

- Sport Academies
- Fitness Centers and Studios
- High Performance Centers
- Biomechanics and Exercise Physiology Labs
- Sport Clubs and Teams
- Exercise and Fitness Counselling in Hospitals and Wellness Centers
- Post Graduate and Doctoral Opportunities in any sub-discipline of exercise and sports science

## B.Sc. Health Information Management

Offered at Manipal and Jamshedpur Campuses

### Duration

4 years inclusive of internship

**Eligibility Criteria & Admission Process**  
Refer **Section 2**

**Course Fees, Hostel Fees, Refund Rules**  
Refer **Section 3**

**Last date to apply:** 30.04.2022

**Commencement of Classes:** 09.08.2022

### Program Description

B.Sc. Health Information Management graduate program is designed to equip students to take up independent middle level managerial positions, interacting with all levels of healthcare organization; in management, use and interpretation of all patient and health data for decision making and everyday operations; and also for managing basic level health research activities.

***This program also has a provision of semester abroad option of two semesters for all those who qualify and opt for it, to choose to do their 7th and 8th semester at Indiana University Purdue University (IUPUI), Indianapolis, USA; and an opportunity to write the AHIMA RHIT certification.***

***This program has a provision for BSc. M.S Integrated program in collaboration with School of Informatics and Computing, Indiana University - Purdue University at Indianapolis (IUPUI).***

### Focus

The intensive training and industry based curriculum enable the students to conceptualize, organize, analyze and manage the content, integrity, accessibility, use, and protection of information resources in compliance with national and regional standards to improve health care delivery process and outcome.

### Career Prospects

Health Information Management Graduate works in variety of settings, such as:

- Government and Private Hospitals
- Health Insurance Firms
- Accreditation Agencies
- Educational Institute
- Community Health Service
- Business/Knowledge Process Outsourcing
- Medical Transcription Firms
- Medical Coding and Billing Firms
- Research Organization
- NGOs



## B.Sc. Medical Imaging Technology

Offered at Manipal, Mangaluru and Jamshedpur Campuses

### Duration

4 years inclusive of 1 year Internship

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

**Last date to apply:** 30.04.2022

**Commencement of Classes:** 09.08.2022



### Program Description

Bachelor of Science in Medical Imaging Technology is designed to mold professionals in Medical Imaging Technology who can handle different imaging modalities efficiently, perform different medical imaging examinations and assist interventional radiological procedures.



### Focus

The course mainly focus on skill training in various imaging modalities like, X-ray, CT, MRI, mammography and ultrasound in pediatrics, adults and elderly.



### Career Prospects

Graduates of this program can find placements in traditional and non-traditional areas as:

- Imaging technologist
- Medical Image Analysis Scientist
- Application Specialist
- Clinical sales specialist

## B.Sc. Medical Laboratory Technology

Offered at Manipal and Jamshedpur Campus

### Duration

4 years inclusive of 1 year Internship

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

**Last date to apply:** 30.04.2022

**Commencement of Classes:** 09.08.2022



### Program Description

The degree program offers skill based training in the various domains of laboratory medicine.



### Focus

Students are trained to acquire skills in various laboratories namely Microbiology, Pathology, Transfusion Medicine, Immunology and Biochemistry for diagnosis prophylaxis and treatment of the disease.



### Career Prospects

Graduates of this program can find placements as:

- Educator
- Medical Laboratory Technologist in Diagnostic Laboratory & Health care setting
- Environmental Technologist
- Research Technologist
- Laboratory Quality Assurance
- Laboratory Information Systems
- Industry

## B.Sc. Nuclear Medicine Technology

Offered at Manipal Campus

### Duration

4 years inclusive of 1 year Internship

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

**Last date to apply:** 30.04.2022

**Commencement of Classes:** 09.08.2022



### Program Description

This program is designed to train professionals in nuclear medicine science. The program will help the students to develop a strong foundation in diagnostic and therapeutic aspects of nuclear medicine.



### Focus

The teaching is oriented to offer students know how of clinical practice in nuclear medicine, radiopharmaceuticals, nuclear medicine related physics, instrumentation and regulatory requirements in nuclear medicine.



### Career Prospects

Graduates of this program can find placements as:

- Nuclear Medicine Technologist
- Entrepreneur
- Radiological Safety Officer
- Managers of R&D labs

## B.Sc. Perfusion Technology

Offered at Manipal Campus

### Duration

4 years inclusive of 1 year Internship

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

**Last date to apply:** 30.04.2022

**Commencement of Classes:** 09.08.2022



### Program Description

Perfusion Technology is a specialized Healthcare profession who use the Heart lung Machine during Cardiac Surgery and other surgeries that require Cardiopulmonary bypass to manage the patient's physiological status



### Focus

The program offers comprehensive, patient centered training designed to prepare the graduate for the dynamic practice of Cardiopulmonary bypass and current advances in cardiac Surgeries viz. ECMO and Cardiac Assist Devices. The course involves the study of anatomy, Physiology, Biochemistry, Pathology, Pharmacology, Microbiology and associated equipment used to support and/or assume the function of the heart and/or lungs during medical procedures.



### Career Prospects

Graduates of this program can find placements as:

- Perfusionist in Various Cardiac Surgery centre.
- Work in an academic institutions as a Teaching Faculty
- Work in Industry dealing with cardiac surgical products

## B.Sc. Radiotherapy Technology

Offered at Manipal and Mangaluru Campuses

### Duration

4 years inclusive of 1 year Internship

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

**Last date to apply:** 30.04.2022

**Commencement of Classes:** 09.08.2022



### Program Description

This program offers specialized training for aspiring graduates in field of Radiotherapy Technology which is part of treating cancer.



### Focus

Students are trained in prepare immobilizing the patients for the treatment, operate imaging and treatment modalities for the patients who require radiation, ensure that the overall safety procedures are followed, such as to monitor patients during their treatments and check for unusual reactions to the treatment. Radiotherapy Technologists are responsible for the accurate delivery of radiotherapy to cancer patients.



### Career Prospects

Graduates of this program can find placements in,

- Hospitals with Radiotherapy facilities
- Educational Institutions

## B.Sc. Renal Replacement Therapy & Dialysis Technology

Offered at Manipal, Mangaluru and Jamshedpur Campuses

### Duration

4 years inclusive of 1 year Internship

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

**Last date to apply:** 30.04.2022

**Commencement of Classes:** 09.08.2022



### Program Description

This program provides the basic knowledge of Kidney Anatomy & Physiology, and special extracorporeal therapies. This program prepares the students to conduct hemodialysis and peritoneal dialysis to individuals with end-stage kidney disease and acute kidney injury requiring dialysis.



### Focus

Students are trained to work in a team of various medical professionals during their clinical postings. This course will equip the student with the knowledge and skills of a high standard required in the modern renal unit with the classroom and dialysis training room with good infrastructure facility.



### Career Prospects

After the completion of this program students can get placements in:

- Healthcare setup: As dialysis therapist/technologist
- Academic: As a tutor or clinical supervisor

## B.Sc. Respiratory Therapy

Offered at Manipal and Mangaluru Campuses

### Duration

4 years inclusive of 1 year Internship

**Eligibility Criteria & Admission Process**  
Refer **Section 2**

**Course Fees, Hostel Fees, Refund Rules**  
Refer **Section 3**

**Last date to apply:** 30.04.2022

**Commencement of Classes:** 09.08.2022



### Program Description

BSc Respiratory Therapy program imparts scientific knowledge, clinical skills, ethical values and use of evidence-based practices in the field of respiratory therapy which includes assessment, diagnosis and treatment of individuals with cardio-respiratory diseases.



### Focus

Students are trained to evaluate and treat patients with cardio-pulmonary diseases particularly in Adult and Neonatal Intensive care units (ICU). They will be involved in various diagnostic procedures, airway management, ventilatory troubleshooting and management.



### Career Prospects

Graduates of this program can find placements in traditional and non-traditional areas including:

- Intensive care units
- Industrial Medical facilities
- Educational Institutions
- Home care facilities
- Sleep Medicine clinics
- Lung function labs
- Pulmonary Rehabilitation Center
- Emergency Medical Units

## B.Sc. Psychology

Offered at Manipal Campus

### Duration

3 years (6 Semesters)

BSc Honours in Psychology: 4 years (8 semesters)

\*Students scoring CGPA 8.5 and above in 3 year BSc Psychology program will be eligible for B.Sc. Honours in Psychology.

**Eligibility Criteria & Admission Process**  
Refer **Section 2**

**Course Fees, Hostel Fees, Refund Rules**  
Refer **Section 3**

**Last date to apply:** 30.04.2022

**Commencement of Classes:** 09.08.2022



### Program Description

The program helps the students to have a fair understanding about the role of psychology in better understanding of human behavior.



### Focus

To equip the students to demonstrate a broad and coherent knowledge of core topics in the discipline of psychology, their applications, and behavior in research and professional contexts.



### Career Prospects

The course prepares the candidate to be competent work as:

- In schools as Shadow teachers
- Higher education in national and international universities

## B.Sc. Clinical Nutrition & Dietetics

Offered at Manipal Campus

### Duration

4 Years (8 Semesters inclusive of internship)

**Eligibility Criteria & Admission Process**  
Refer **Section 2**

**Course Fees, Hostel Fees, Refund Rules**  
Refer **Section 3**

**Last date to apply:** 30.04.2022

**Commencement of Classes:** 09.08.2022



### Program Description

The program is designed to equip the students with scientific information on nutritional and metabolic care and the relationship between nutrition in health and disease.



### Focus

The program will equip the graduate with the tools and skills required to promote the nutrition and wellbeing of individuals and groups in variety of settings.



### Career Prospects

The course prepares the candidate to be competent to work as:

- Education institutions
- PG and Doctoral opportunities in sub discipline of nutrition and dietetics.
- Research Assistant
- Community dietician(NGO, community centres)
- Entrepreneurs.
- Food quality analyst

**Lateral Entry to  
B.Sc. (Anaesthesia and  
Operation Theater  
Technology)  
B.Sc. (Emergency Medicine  
Technology)  
B.Sc. (Medical Imaging  
Technology)  
B.Sc. (Medical Laboratory  
Technology)  
B.Sc. (Respiratory Therapy)**

Offered at Manipal Campus

**Duration**

3 years inclusive of 1 year Internship

**Eligibility Criteria & Admission Process**  
Refer **Section 2**

**Course Fees, Hostel Fees, Refund Rules**  
Refer **Section 3**

**Last date to apply:** 15.05.2022

**Commencement of Classes:** 01.07.2022

 **Program Description**

These programs offered by the Manipal College of Health Professions, Manipal. After completion of BSc in Medical Imaging Technology, students will not only acquire a broad & detailed knowledge in medical imaging which help them be a new generation radiologic technologist, but also will have the opportunity to develop important practical skills in organising radiological department. B.Sc in Medical Laboratory Technology aims to provide efficient and balanced training in laboratory medicine. Programs are specifically designed to prepare the graduates to pursue their career in nationally and internationally growing healthcare industry.

BSc Respiratory Therapy program imparts scientific knowledge, clinical skills, ethical values and use of evidence-based practices in the field of respiratory therapy which includes assessment, diagnosis and treatment of individuals with cardio-respiratory diseases.

**M.Sc. (MLT) Clinical  
Biochemistry**

Offered at Manipal and Bengaluru Campus

**Duration**

2 Years (4 Semesters)

**Eligibility Criteria & Admission Process**  
Refer **Section 2**

**Course Fees, Hostel Fees, Refund Rules**  
Refer **Section 3**

**Last date to apply:** 15.05.2022

**Commencement of Classes:** 03.08.2022

 **Program Description**

The MSc. MLT program provides an opportunity to develop specialized skills in academic, clinical training and research in the field of Clinical Biochemistry

 **Focus**

Students are trained to acquire specialized skills in Clinical Biochemistry which includes academics, clinical postings and research in their specialized fields for diagnosis and treatment of diseases. They are also trained to manage and maintain the quality assurance in the Clinical Biochemistry laboratory.

 **Career Prospects**

Graduates of this program can find placements as:

- Biochemistry technologist at Diagnostic laboratory & Health care setting
- Research Scientist/Scholar
- Educator
- Quality Manager
- Application Manager in Industry
- Supervisor/administrator in industry

**M.Sc. (MLT) Microbiology &  
Immunology**

Offered at Manipal and Bengaluru Campus

**Duration**

2 Years (4 Semesters)

**Eligibility Criteria & Admission Process**  
Refer **Section 2**

**Course Fees, Hostel Fees, Refund Rules**  
Refer **Section 3**

**Last date to apply:** 15.05.2022

**Commencement of Classes:** 03.08.2022

 **Program Description**

The MSc. MLT program provides an opportunity to develop specialized skills in academic, clinical training and research in the field of Microbiology and Immunology.

 **Focus**

Students are trained to acquire specialized skill in Medical Microbiology and Immunology which includes academics, clinical postings and research in their specialized fields for diagnosis and treatment of diseases. They are also trained to manage and maintain the quality assurance in the Microbiology laboratory.

 **Career Prospects**

Graduates of this program can find placements as:

- Microbiology Technologist at Diagnostic laboratory & Health care setting
- Research Scientist/Scholar
- Educator
- Quality Manager
- Application manager in Industry
- Supervisor/administrator in industry



## M.Sc. (MLT) Haematology and Immunohematology

Offered at Manipal and Bengaluru Campus

### Duration

2 Years (4 Semesters)

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

**Last date to apply:** 15.05.2022

**Commencement of Classes:** 03.08.2022



### Program Description

This M.Sc. MLT program provides an opportunity to develop specialized skills in academic, clinical training and research in the field of Haematology and Immunohematology



### Focus

Students are trained to acquire specialized skills in Hematology and Immunohematology which includes academics, clinical postings and research. They are also trained to manage and maintain the quality assurance in the Haematology and Immunohematology laboratory



### Career Prospects

Graduates of this program can find placements as:

- Haematology and immunohematology technologist at Diagnostic laboratory & Health care setting
- Research Scientist/Scholar
- Educator
- Quality Manager
- Application Manager in Industry
- Supervisor/administrator in industry

## M.Sc. (MLT) Public Health Laboratory Science

Offered at Manipal Campus

### Duration

2 Years (4 Semesters)

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

**Last date to apply:** 15.05.2022

**Commencement of Classes:** 03.08.2022



### Program Description

The MSc. MLT program provides an opportunity to develop specialized skills in academic, clinical training and research in the field of Public Health Laboratory Science.



### Focus

Students are trained to acquire specialized work skills in Public Health medical laboratory technology which includes academics, clinical postings and research in their specialized fields for diagnosis and treatment of diseases. They are also trained to manage and maintain the quality assurance in the laboratory. Students are also trained to work with District surveillance offices to ensure the public health awareness and disease surveillance.



### Career Prospects

Graduates of this program can find placements as:

- Public Health Laboratory Technologist at community health centers
- Research Scientist/scholar
- Educator
- Epidemiologist
- Environmental Technologist
- Supervisor/executive/administrator in industry
- Application manager in Industry

## M.Sc. (RT) Adult Respiratory Care

Offered at Manipal Campus

### Duration

2 Years (4 Semesters)

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

**Last date to apply:** 15.05.2022

**Commencement of Classes:** 03.08.2022



### Program Description

MSc Respiratory Therapy program imparts scientific knowledge, clinical skills, ethical values and use of evidence-based practices in the field of respiratory therapy which includes assessment, diagnosis and treatment of individuals with cardio-respiratory diseases. Additionally, it trains the student to adopt various technical skills for teaching and learning, critical thinking and problem-solving skills, importance of team work and leadership.

**Credit transfer opportunities with Georgia State University are available for eligible students.**



### Focus

Students are trained to work in health care facility and in particular the adult intensive care unit. They will be involved in various diagnostic procedures, airway management, ventilatory troubleshooting and management related to adult cardiopulmonary disorders. They are also trained to supervise trainees and interact with other health care provider and prepare a respiratory care protocol



### Career Prospects

Graduates of this program can find placements in:

- Intensive care units
- Industrial Medical Facilities
- Educational Institutions
- Home care facilities
- Sleep Medicine clinics
- Lung function labs
- Research Units
- Simulation Labs
- Pulmonary Rehabilitation center
- Emergency Medical Units.

## M.Sc. (RT) Neonatal & Paediatric Respiratory Care

Offered at Manipal Campus

### Duration

2 Years (4 Semesters)

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

**Last date to apply:** 15.05.2022

**Commencement of Classes:** 03.08.2022



### Program Description

M.Sc Respiratory Therapy program imparts scientific and advanced knowledge on clinical skills, ethical values and evidence-based practices in the field of respiratory therapy which includes assessment, diagnosis and treatment of individuals with neonatal and pediatric cardio-respiratory diseases. Additionally, it trains the student to adopt various technical aspects for teaching and learning, critical thinking and problem-solving skills, importance of team work and leadership.

Credit transfer opportunities with Georgia State University are available for eligible students.



### Focus

They will be involved in various diagnostic procedures, airway management, ventilatory troubleshooting and management related to Neonatal and pediatric cardiopulmonary disorders. They are also trained to supervise trainees and interact with other health care provider and prepare a respiratory care protocol.



### Career Prospects

Graduates of this program can find placements in:

- Intensive care units
- Industrial Medical Facilities
- Educational Institutions
- Home care facilities
- Sleep Medicine clinics
- Lung function labs
- Research Units
- Simulation Labs
- Emergency neonatal resuscitation units



## M.Sc. Audiology

Offered at Manipal and Mangaluru Campuses

### Duration

2 Years (4 Semesters)

**Eligibility Criteria & Admission Process**  
Refer **Section 2**

**Course Fees, Hostel Fees, Refund Rules**  
Refer **Section 3**

**Last date to apply:** 15.05.2022

**Commencement of Classes:** 03.08.2022



### Program Description

The Master degree program aims to enhance the theoretical, clinical, and research knowledge with state of art technology in the area of Audiology



### Focus

The program pertains to the deeper understanding of identification, functional diagnosis/assessment, and non-medical treatment/management of auditory and vestibular related impairments.

The student gains knowledge and skill in routine services (Pure Tone Audiometry, Speech Audiometry, Middle Ear Analysis, Auditory Training, Counselling and Hearing Aid Prescription, New born hearing screening, Ear mold lab services) and advanced procedures (Brainstem Evoked Response Audiometry -BERA, Oto Acoustic Emission Testing, Standardized objective calibration of audiological equipments, Objective verification of hearing aid fitting & evaluation, Cochlear implant assessment and rehabilitation, Tinnitus evaluation and management, Standardized noise measurements, Advanced cognitive research using Neuroscan).



### Career Prospects

The trained professionals have an excellent opportunity to work in a variety of set-ups such as hospitals, rehabilitation centres, polyclinics, industries, training institutions, research labs, various state agencies, home health, school systems and in private practice.

## M.Sc. Cardiac Catheterization & Intervention Technology

Offered at Manipal and Bengaluru Campuses

### Duration

2 Years (4 Semesters)

**Eligibility Criteria & Admission Process**  
Refer **Section 2**

**Course Fees, Hostel Fees, Refund Rules**  
Refer **Section 3**

**Last date to apply:** 15.05.2022

**Commencement of Classes:** 03.08.2022



### Program Description

M.Sc. Cardiac Catheterization and Interventional Technology course offers training with a wide spectrum of knowledge in cardiovascular diseases and its diagnostic tests and therapeutic procedures.

Every candidate will be trained in understanding the basic techniques of intervention in the field of cardiac catheterization also they will be trained to obtain extreme knowledge in handling various hardware and equipment's.



### Focus

Students are trained to work in operating rooms of cardiac catheterizations, non – invasive analysis and reporting in cardiac device implanted patients, also handling and operating various imaging equipment's in the Cath lab setup as a part of invasive cardiac catheterization procedures. Training will be provided for noninvasive tests like pacemaker/device analysis and programming and to operate/handle various cardiac imaging modalities and cardiac assist devices.



### Career Prospects

Graduates of this program can find placements in:

- Multi Speciality hospitals
- Application specialist and trainer
- Administrative and planning sectors
- Manufacturing industries/ companies (Devices, Implants, Stents, Balloons and Catheters)
- Industrial Medical facilities
- Educational Institutions

## M.Sc. Clinical Psychology

Offered at Manipal, Mangaluru and Bengaluru Campuses

### Duration

2 Years (4 Semesters)

**Eligibility Criteria & Admission Process**  
Refer **Section 2**

**Course Fees, Hostel Fees, Refund Rules**  
Refer **Section 3**

**Last date to apply:** 15.03.2022

**Commencement of Classes:** 03.08.2022



### Program Description

First of its kind postgraduate program in Clinical Psychology in a hospital setting in India. Allows the student to observe clients with various mental health concerns and ensures simultaneous transfer of theoretical knowledge to real life clinical scenario throughout the two years.



### Focus

Demonstrate a broad and coherent knowledge of core topics and skills in the discipline of clinical psychology, their applications, and behaviour in research and professional contexts.



### Career Prospects

The course prepares the candidate to be competent to work in:

- Hospital setting as Psychologists
- School and Educational centers as Counsellors
- Community mental health centers
- Rehabilitation Centers
- Assisting Clinical Psychologists and Psychiatrists in psychometric evaluation
- Faculty for UG and PG psychology programs
- Research assistants in projects
- Pursue higher education

## M.Sc. Echocardiography

Offered at Manipal and Bengaluru Campuses

### Duration

2 Years (4 Semesters)

**Eligibility Criteria & Admission Process**  
Refer **Section 2**

**Course Fees, Hostel Fees, Refund Rules**  
Refer **Section 3**

**Last date to apply:** 15.05.2022

**Commencement of Classes:** 03.08.2022



### Program Description

M.Sc. Echocardiography course offers extensive clinical knowledge on non-invasive diagnosis of cardiovascular diseases. Students will be trained and exposed to various advance imaging modalities including 2DE echocardiography (both adult and pediatrics), 3D echocardiography, Trans esophageal echocardiography, Dobutamine stress test and speckle tracking echocardiography. Candidates will have hands on training on performing echocardiography independently in the diagnosis of various cardiovascular diseases.



### Focus

Students are trained to diagnose cardiac diseases by echocardiography and to report individually in the cardiac non-invasive lab, bedside and critical care unit. The students will be continuously involved in learning new technologies and disease processes to uplift the reporting. They are also trained in research methodologies to carry research in Cardiology.



### Career Prospects

Post Graduates of this program can find placements in:

- Multi Speciality hospitals
- Application specialist and trainer
- Administrative and planning sectors
- Educational Institutions
- Manufacturing industries/ companies (Devices, Implants, Stents, Balloons and Catheters)
- Industrial Medical facilities

## M.Sc. Exercise & Sports Science

Offered at Manipal Campus

### Duration

2 Years (4 Semesters)

**Eligibility Criteria & Admission Process**  
Refer **Section 2**

**Course Fees, Hostel Fees, Refund Rules**  
Refer **Section 3**

**Last date to apply:** 15.05.2022

**Commencement of Classes:** 03.08.2022



### Program Description

The Masters in Exercise and Sports Science course is designed to cater to the need of exercise and sports science professionals. The program offers unparalleled sports infrastructure.



### Focus

Students are trained to assess and evaluate the fitness, performance, and injury risk of athletes and other individuals. The students also learn interventions to train individuals to enhance performance and prevent injuries. The curriculum includes the applications of the principles of biomechanics, exercise physiology, nutrition, psychology, and strength and conditioning to meet the goals of the clients. The students are provided with par excellence training with world class amenities such as 3-D Motion Analysis lab, exercise physiology labs harbouring ergometers and calorimeters (K5, Cosmed), field-based opportunities with schools and sporting teams



### Career Prospects

Post Graduates of this program can find placements in:

- Sport Academies
- Fitness Centers and Studios
- High Performance Centers
- Biomechanics and Exercise Physiology Labs
- Sport Cubs and Teams
- Exercise and Fitness Counselling in Hospitals and Wellness Centers
- Research and Doctoral Opportunities





## M.Sc. Health Informatics (Healthcare IT Management)

Offered at Manipal Campus

### Duration

2 Years (4 Semesters)

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

**Last date to apply:** 15.05.2022

**Commencement of Classes:** 03.08.2022



### Program Description

M.Sc. Health Informatics program provides scientific education to compliment the theoretical foundation by enhancing specialized knowledge of health informatics and equipping students with practical skills and analytical approaches to identify and deliver healthcare IT needs.

*This program also has a provision of providing an opportunity to eligible candidates on completing the first year at MCHP, MAHE can pursue their M.S. Degree in Health Informatics at School of Informatics and Computing at Indiana University Purdue University (IUPUI), Indianapolis, USA.*



### Focus

The intensive training and industry based curriculum enable the students to become an efficient and constructive Health Informatics Specialist to design, develop, and deploy the high-end health information system based on national and international standard for real time communication in achieving quality health outcome.



### Career Prospects

Health Informatics Graduate works in variety of healthcare and IT settings, such as:

- Hospitals and Clinics
- Healthcare IT firms
- Freelancer
- Governmental Health Agencies
- Consulting Firms
- Educational Institute
- Research Organization
- NGOs
- International Health Agencies



## M.Sc. Health Information Management

Offered at Manipal Campus

### Duration

2 Years (4 Semesters)

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

**Last date to apply:** 15.05.2022

**Commencement of Classes:** 03.08.2022



### Program Description

M.Sc. Health Information Management is a post graduate program is designed to equip students interested to pursue a career in health care management industry to take up independent managerial positions, interacting with all levels of healthcare organization; in management, use and interpretation of all patient and health data for decision making and everyday operations; implementing health information systems; implementation of quality management processes and also for managing level health information research activities.



### Focus

The intensive training and industry based curriculum enable the students to conceptualize, organize, analyze and manage the content, integrity, accessibility, use, and protection of information resources in compliance with national and regional standards to improve health care delivery process and outcome.



### Career Prospects

Health Information Management Graduate works in variety of settings, such as:

- Government and Private Hospitals
- Health Insurance Firms
- Accreditation Agencies
- Educational Institute
- Community Health Service
- Business/Knowledge Process Outsourcing
- Medical Transcription Firms
- Medical Coding and Billing Firms
- Research Organization
- NGOs



## M.Sc. Medical Imaging Technology

Offered at Manipal and Bengaluru Campuses

### Duration

2 Years (4 Semesters)

**Eligibility Criteria & Admission Process**  
Refer **Section 2**

**Course Fees, Hostel Fees, Refund Rules**  
Refer **Section 3**

**Last date to apply:** 15.05.2022

**Commencement of Classes:** 03.08.2022



### Program Description

This program is designed to upgrade Medical Imaging Technologist in advanced medical imaging procedures to work as Radiology Managers and actively participate in research activities in the dynamic field of Medical Imaging.



### Focus

The program train the students to become a competent imaging technologist and enable them to independently manage all the equipment's available in the field of radio-diagnosis and imaging and assist the medical practitioners in the proper diagnosis of diseases, with minimum radiation hazards and quality patient care.



### Career Prospects

Graduates of this program can find placements as:

- Radiation safety officer
- Application Specialist
- Clinical sales specialist
- Technical supervisor
- Academics/Research

## M.Sc. Medical Radiation Physics

Offered at Manipal Campus

### Duration

2 Years (4 Semesters)

**Eligibility Criteria & Admission Process**  
Refer **Section 2**

**Course Fees, Hostel Fees, Refund Rules**  
Refer **Section 3**

**Last date to apply:** 15.05.2022

**Commencement of Classes:** 03.08.2022



### Program Description

The Medical Radiation Physics Programme offers specialized training to become Medical Physicist



### Focus

The M.Sc. program in Medical Radiation Physics provides candidates with the knowledge required to enter into the field of medical physics.

The program relies on a strong fundamental science background and clinical practice through hands-on instructions with equipment used routinely in the hospital setting, including CT facilities, medical linear accelerators, QA equipments and brachytherapy which prepares a student for research or clinical training in this rapidly changing field and also gets trained in computer-based modelling, research methodology and the ethical dimensions associated with medical research



### Career Prospects

Graduates of Medical Radiation Physics program can start their career as a Medical Physicist or Radiological Safety Officers in:

- Educational Institutions
- Research-oriented hospital settings
- Radiotherapy, Nuclear Medicine and Diagnostic Radiology departments in Private or government hospitals
- Radiation protection in industrial and scientific facilities
- Research, development and commercialization of radiation medical instrumentation
- Clinical application specialists

## M.Sc. Nuclear Medicine Technology

Offered at Manipal Campus

### Duration

2 Years (4 Semesters)

**Eligibility Criteria & Admission Process**  
Refer **Section 2**

**Course Fees, Hostel Fees, Refund Rules**  
Refer **Section 3**

**Last date to apply:** 15.05.2022

**Commencement of Classes:** 03.08.2022



### Program Description

The program is designed to provide professional expertise in nuclear medicine technology by enhancing theoretical, clinical and research knowledge of students in nuclear medicine science. This will help them to contribute to the medical as well as research needs of fast growing nuclear medicine field.



### Focus

This program focusses on Radiation Safety and Regulations, Imaging Physics and Dosimetry, Advanced Biostatistics and Research Methodology, Pre-clinical Studies in Nuclear Medicine, Radiopharmacy and Radiopharmaceuticals, Nuclear Medicine Procedures, Quality Assurance in Nuclear Medicine, Ethics and Pedagogy, Health information management in Nuclear Medicine, Research Project, field training and Hands on learning experience.



### Career Prospects

Graduates of this program can find placements as:

- Nuclear Medicine Physicist
- Radiological Safety Officer
- Academic positions
- Research professionals
- Entrepreneurs

## M.Sc. Perfusion Technology

Offered at Manipal Campus

### Duration

2 Years (4 Semesters)

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

**Last date to apply:** 15.05.2022

**Commencement of Classes:** 03.08.2022



### Program Description

To train postgraduates who will practice the art and science of Perfusion efficiently and effectively, backed by scientific knowledge and skill. Continue to evince keen interest in professional development whether in teaching or Clinical Practice.



### Focus

The students are trained in the fundamentals and advances of Perfusion technology, Research Methodology including Biostatistics. They learn to manage the physiological and metabolic needs of the cardiac surgical patient and are trained to utilize technology such as Heart-Lung machines, ventricular assist devices and artificial hearts, as well as pharmacological interventions to maintain the patient during the period of circulatory support.



### Career Prospects

Graduates of this program can find placements as:

- Perfusionist in any cardiac surgical setup
- Faculty positions in academic institutions/Research Units
- Clinical specialist in industry

## M.Sc. Renal Replacement Therapy & Dialysis Technology

Offered at Manipal and Bengaluru campuses

### Duration

2 Years (4 Semesters)

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

**Last date to apply:** 15.05.2022

**Commencement of Classes:** 03.08.2022



### Program Description

The M.Sc Renal Replacement Therapy and Dialysis Technology is a post graduate program provides the specialized training in dialysis and other extra corporeal procedures. Students are also trained in Kidney transplantation counselling field.



### Focus

Students are trained to conduct dialysis and special extra corporeal procedures like continuous renal replacement therapy, plasmapheresis and hemadsorption. They get exposure to various types of renal cases posted for dialysis.



### Career Prospects

After the completion of this program students can get placements in:

- Healthcare setup: As a clinical instructor, Dialysis unit incharge/ manager
- Faculty positions in academia Research units

## M.Sc. Speech Language Pathology

Offered at Manipal and Mangaluru Campuses

### Duration

2 Years (4 Semesters)

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

**Last date to apply:** 15.05.2022

**Commencement of Classes:** 03.08.2022



### Program Description

The Master degree program aims to enhance the theoretical, clinical, and research knowledge with state of art technology in the area of Speech-Language Pathology



### Focus

The student gains knowledge and skill in comprehensive evaluation of speech and language in children, adults and elderly, Instrumental analysis of speech and language assessment, Speech and language therapy services, Laryngectomy rehabilitation, Assessment and management of swallowing disorders (Dysphagia) and Neurogenic Communication Disorders.



### Career Prospects

The trained professionals have an excellent opportunity to work in a variety of set-ups such as hospitals, rehabilitation centres, polyclinics, industries, training institutions, research labs, various state agencies, home health, school systems and in private practice.

## Master of Optometry - M.Optom

Offered at Manipal Campus

### Duration

2 Years (4 Semesters)

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

**Last date to apply:** 15.05.2022

**Commencement of Classes:** 03.08.2022



### Program Description

This course aims to train post-graduates of high standards in academics & research, who are equipped with appropriate clinical skills to meet the challenges and problems of different specialties in eye care.



### Focus

Students are trained with advance contact lens fitting skills, advance binocular vision therapy and best evidence-based practice management skills. Students will work with the multidisciplinary research team for their master's research dissertation.



### Career Prospects

Graduates of this program can find placements in

- Academia
- Tertiary eye care Hospitals
- Optical and Contact lens industries
- R&D
- Private Practice
- NGOs

## MOT Developmental Disabilities

Offered at Manipal Campus

### Duration

2 Years (4 Semesters)

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

**Last date to apply:** 15.05.2022

**Commencement of Classes:** 03.08.2022



### Program Description

The MOT (Developmental Disabilities) is a post-graduate program for students interested in working with children and their families.



### Focus

Students are trained to work with individuals and their families to ensure their participation in occupations to promote health, well-being and inclusion. Some of the common diagnoses that are focused on include developmental conditions like cerebral palsy, autism spectrum disorders, specific learning disabilities, attention deficit hyperactivity disorders etc. A primary focus of this program is on early intervention and family-centred care.



### Career Prospects

Graduates of this program can find placements in:

- Hospitals, rehabilitation centres
- Special schools
- Neonatal Intensive Care Units
- Educational Institutions
- Private Practice
- Non-traditional areas (example: NGOs, Community centres)

## MOT Hand & Musculoskeletal Conditions

Offered at Manipal Campus

### Duration

2 Years (4 Semesters)

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

**Last date to apply:** 15.05.2022

**Commencement of Classes:** 03.08.2022



### Program Description

The MOT (Hand and Musculoskeletal Conditions) is a post-graduate program for students interested in working with individuals with musculoskeletal conditions.



### Focus

Students are trained to work with individuals with musculoskeletal conditions such as fractures, hand injuries, nerve injuries, and spinal cord injuries among others to ensure their participation in occupations. A specific focus of this program is on hand splints and adaptive devices.



### Career Prospects

Graduates of this program can find placements in:

- Hospitals, rehabilitation centres
- Private Practice
- Industrial facilities
- Educational Institutions
- Non-traditional areas (example: NGOs)

## MOT Mental Health & Psychosocial Rehabilitation

Offered at Manipal Campus

### Duration

2 Years (4 Semesters)

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

**Last date to apply:** 15.05.2022

**Commencement of Classes:** 03.08.2022



### Program Description

The MOT (Mental Health and Psychosocial Rehabilitation) is a post-graduate program for students interested in working with individuals with mental health conditions.



### Focus

Students are trained to work with individuals with mental health conditions such as Schizophrenia, Mood Disorders, Neurotic conditions, and adjustment difficulties among others to ensure their participation in occupations to promote health and well-being.



### Career Prospects

Graduates of this program can find placements in:

- Hospitals, rehabilitation centres
- De-addiction centres
- Private Practice
- Educational Institutions
- Non-traditional areas (example: NGOs, Community Centres)

## MOT Neuro Rehabilitation

Offered at Manipal Campus

### Duration

2 Years (4 Semesters)

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

**Last date to apply:** 15.05.2022

**Commencement of Classes:** 03.08.2022



### Program Description

The MOT (Neuro-rehabilitation) is a post-graduate program for students interested in working with individuals with neurological conditions.



### Focus

Students are trained to work with individuals with neurological conditions including stroke, head injury, neurodegenerative conditions, and aging among others. to ensure their participation in occupations to promote health and well-being.



### Career Prospects

Graduates of this program can find placements in:

- Hospitals, rehabilitation centres
- Geriatric centres
- Private Practice
- Educational Institutions
- Non-traditional areas (example: NGOs)

## MPT Cardiopulmonary Sciences

Offered at Manipal, Mangaluru and Bengaluru Campuses

### Duration

2 Years (4 Semesters)

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

**Last date to apply:** 15.05.2022

**Commencement of Classes:** 03.08.2022



### Program Description

The MPT (Cardiopulmonary Sciences) is a post-graduate program for students interested in working on patients with cardiopulmonary conditions and surgeries.

### Electives Offered

- Cardiopulmonary Rehabilitation
- Critical Care Physiotherapy
- Health Promotion and Fitness



### Focus

Students' education and training focuses on rehabilitation of patients with cardiopulmonary conditions and surgeries with the overall goal of maximizing functional abilities and improve the quality of life of patients.



### Career Prospects

Graduates of this program can find placements in:

- Hospitals, Clinics, Nursing Homes
- Private Practice
- Specialized Hospitals / Health facilities
- Health promotion centers
- Academics

## MPT Community Physiotherapy

Offered at Manipal and Mangaluru  
Campuses

### Duration

2 Years (4 Semesters)

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

**Last date to apply:** 15.05.2022

**Commencement of Classes:** 03.08.2022



### Program Description

The MPT (Community Physiotherapy) is a post-graduate program for students interested in working with patients and families including stakeholders at community level.

### Electives Offered

- Occupational Health and Ergonomics



### Focus

Students' education and training focuses on rehabilitation of patients at the community level, with the overall goal of maximizing functional abilities and improve the quality of life of patients.



### Career Prospects

Graduates of this program can find placements in:

- Hospitals, Clinics, Nursing Homes
- Rehabilitation Centres
- Private Practice
- Specialized Community Centre
- Non-Governmental Organisations
- Academics

## MPT Geriatrics

Offered at Manipal and Mangaluru  
Campuses

### Duration

2 Years (4 Semesters)

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

**Last date to apply:** 15.05.2022

**Commencement of Classes:** 03.08.2022



### Program Description

The MPT (Geriatrics) is a post-graduate program for students interested in working with old age patients in hospitals and at community level.

### Electives Offered

- Aging and Disease
- Health Aging (Not offered at Mangaluru Campus)



### Focus

Students' education and training focuses on rehabilitation of old age patients with complications related to aging and to foster health aging with the overall goal of maximizing functional abilities and improve the quality of life of patients.



### Career Prospects

Graduates of this program can find placements in:

- Hospitals, Clinics, Nursing Homes
- Rehabilitation Centres
- Private Practice
- Specialized Community Centre
- Non-Governmental Organisations
- Academics

## MPT Neurosciences

Offered at Manipal, Mangaluru and  
Bengaluru Campuses

### Duration

2 Years (4 Semesters)

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

**Last date to apply:** 15.05.2022

**Commencement of Classes:** 03.08.2022



### Program Description

The MPT (Neurosciences) is a post-graduate program for students interested in working on patients with neurological conditions and surgeries.

### Electives Offered

- Neurological Physiotherapy
- Neurosurgical Physiotherapy (Not Offered at Mangaluru and Bengaluru campus)



### Focus

Students' education and training focuses on rehabilitation of patients with neurological conditions and surgeries with the overall goal of maximizing functional abilities and improve the quality of life of patients.



### Career Prospects

Graduates of this program can find placements in:

- Hospitals, Clinics, Nursing Homes
- Private Practice
- Specialized Hospitals / Health facilities
- Academics
- Non Governmental Organizations
- Rehabilitation centers



## MPT Obstetrics & Gynaecology

Offered at Manipal and Mangaluru Campuses

**Duration**  
2 Years (4 Semesters)

**Eligibility Criteria & Admission Process**  
Refer **Section 2**

**Course Fees, Hostel Fees, Refund Rules**  
Refer **Section 3**

**Last date to apply:** 15.05.2022  
**Commencement of Classes:** 03.08.2022

### Program Description

The MPT (Obstetrics & Gynecology) is a post-graduate program for students interested in working with health and well-being of women across lifespan.

### Electives Offered

- Obstetric Physiotherapy (Not offered at Mangaluru Campus)
- Gynecological Physiotherapy

### Focus

Students' education and training focuses on treatment of specific conditions and health promotion of women with the overall goal of maximizing functional abilities and improve the quality of life of patients.

### Career Prospects

Graduates of this program can find placements in:

- Hospitals
- Maternity Clinics
- Nursing Homes
- Rehabilitation Centres
- Private Practice
- Specialized Community Centre
- Non-Governmental Organisations
- Academics

## MPT Musculoskeletal Sciences

Offered at Manipal, Mangaluru and Bengaluru Campuses

**Duration**  
2 Years (4 Semesters)

**Eligibility Criteria & Admission Process**  
Refer **Section 2**

**Course Fees, Hostel Fees, Refund Rules**  
Refer **Section 3**

**Last date to apply:** 15.05.2022  
**Commencement of Classes:** 03.08.2022

### Program Description

The MPT (Musculoskeletal Sciences) is a post-graduate program for students interested in working on patients with musculoskeletal conditions and surgeries including trauma and sports rehabilitation.

### Electives Offered

- Manual Therapy
- Sports Physiotherapy
- Hand Rehabilitation

### Focus

Student's education and training focuses on thorough evaluation methods with sound clinical reasoning for decision making and planning rehabilitation of patients with musculoskeletal conditions and surgeries, for trauma and sports injuries, with the overall goal of maximizing functional abilities and improve the quality of life of patients.

### Career Prospects

Graduates of this program can find placements in:

- Hospitals, Clinics, Nursing Homes
- Private Practice
- Specialized Hospitals / Health facilities
- Sports academies and Integrated sports teaching and learning facilities
- Health promotion centers
- Biomechanics and Exercise physiology labs
- Specialized Pain rehabilitation centers
- Academics

## MPT Paediatrics

Offered at Manipal and Mangaluru Campuses

**Duration**  
2 Years (4 Semesters)

**Eligibility Criteria & Admission Process**  
Refer **Section 2**

**Course Fees, Hostel Fees, Refund Rules**  
Refer **Section 3**

**Last date to apply:** 15.05.2022  
**Commencement of Classes:** 03.08.2022

### Program Description

The MPT (Paediatrics) is a post-graduate program for students interested in working with new born and children with developmental delay and disabilities.

### Electives Offered

- Pediatric Neurology
- Neonatal & Pediatric Respiratory Care\*

### Focus

Students' education and training focuses on rehabilitation of new born and children with developmental delay and disabilities with the overall goal of maximizing functional abilities and improve the quality of life of patients.

### Career Prospects

Graduates of this program can find placements in:

- Hospitals, Clinics, Nursing Homes
- Rehabilitation Centres
- Child Developmental Centres
- Private Practice
- Specialized Community Centre
- Non-Governmental Organisations
- Academics

## M.Phil Clinical Psychology

Offered at Manipal Campus

### Duration

2 Years

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

**Last date to apply:** 15.05.2022

**Commencement of Classes:** 02.08.2022



### Program Description

This super speciality program offers both academic and clinical expertise to enhance the quality of mental and physical health service delivery, at both the clinical and the community level. Successful completion of this course enables the student to legally practice in India as a clinical Psychologist



### Focus

The program provides advanced clinical training in diagnosing psychopathology, administering psychological assessments, counselling and psychotherapeutic modalities for both children and adults with mental health concerns. In addition, trainees will develop demonstrable research and clinical skills.



### Career Prospects

The course prepares the candidate to be competent to work as an RCI registered clinical psychologist in:

- Hospitals
- Private Clinics
- Rehabilitation centers
- Corporate sector
- Member of various government bodies / agencies working in the area mental health / rehabilitation
- Faculty for UG, PG and MPhil programs
- Research assistants in projects
- Pursue higher education



## MSc in Anesthesia and Operation Theater Technology

Offered at Manipal Campus

### Duration

2 years (4 semesters)

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

**Last date to apply:** 15.05.2022

**Commencement of Classes:** 03.08.2022



### Program Description

M.Sc in Anesthesia and Operation Theatre Technology is a 2 year course designed to provide in depth knowledge & impart skills for working under supervision of the consultant Anesthesiologist as well as preparation of operation theatre before & during an elective or emergency surgery Both in Anaesthesia & Surgery side.

Understand the safe anesthesia & surgical techniques for various elective and emergency procedures in and outside the operation theatre.

Obtain knowledge about the proper functioning of various anesthetic equipment's such as the work station, anesthesia monitors, ventilators, syringe pumps etc.

They trained to do all the procedures & also can administered anesthetic drugs & advanced Anaesthesia techniques under supervision of Anesthesiologists

Perform Basic skills of cardiopulmonary resuscitation, post-operative and intensive care unit.

Learn the basic & advanced skills of various surgical procedures including the surgical instruments used in the surgical procedures.

Perform Quality control procedures and to maintain asepsis.

The course is designed as a full time residency program with responsibilities in managing the patients

	Internship Eligibility Requirement	Duration of Additional Internship/ Clinical Experience in the respective field
<b>PG Programs</b>		
M.Optom. / M.Sc. RT / M.Sc. CVT / M.Sc. MLT / M.Sc. MIT / M.Sc. PFT / M.Sc. RRT & DT / MSc. NMT	4 years inclusive of one year of internship	Not required
	4 years without internship	Minimum 6months internship/ Clinical Experience is required after graduation
	3.5 years inclusive of 6 months of internship	Minimum 6 months of Internship/ Clinical Experience is required after graduation.
	3 Years	Minimum one year of Internship/Clinical Experience is required after graduation
MPT/MOT	4.5 years inclusive of six months of internship	Not required

A flexible eligibility criteria for selected PG programs (MSc MIT, MSc MLT, MSc. PFT, MSc ESS, MSc RRT & DT, MSc HIM and MSc HI), wherein candidate with four year bachelor degree in an equivalent health science / technology stream in the respective domain area can apply.

Activity theatre technologists are required over all emergency clinics who direct medical procedures like general surgery , plastic surgery ,neuro surgery, gynecology surgery ,cardiothoracic surgery so on.



### Focus

As part of the curriculum, students are posted to relevant departments of the hospital and gain exposure to the actual working of the department at the organisation.

Focuses on performance-based outcomes pertaining to operation theatre technology.

Patient care, Airway Equipment, monitoring devices are presently areas where research is oriented for Anaesthesia and Operation Theatre Technology and the postgraduates have ongoing research activities in these fields.



### Career Prospects

- Anaesthesia & OT Technologist in hospitals in India and abroad
- Assistant to the consultant Anesthesiologist
- Jobs in Teaching and Education in India and abroad
- Surgical assistant
- Medical Instrument Technologist
- Perioperative Care Technologist
- Ambulance Technologist
- Operation Theatre Manager

## MSc in Emergency Medical Technology

Offered at Manipal Campus

### Duration

2 years (4 semesters)

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

**Last date to apply:** 15.05.2022

**Commencement of Classes:** 03.08.2022



### Program Description

MSc. Emergency Medical Technology is a 2 year course, in this program the candidates are trained with a wide spectrum of knowledge in Emergency Medical Technology.

- Training and research on pre-hospital transport , assessment and stabilization of life threatening emergencies
- Development of Simulation based education, training and innovation in Emergency Medical Technology.
- Training in advanced trauma management in pre- hospital setting.
- Identifying, assessing and stabilizing obstetric emergencies, pediatrics emergencies and resuscitation in pre-hospital setting.
- Research and training on infectious disease outbreaks and preparedness, telemedicine and communication system.
- Training and research on geriatric emergencies and home care.
- The candidates will be able to use critical thinking and decision making during the transport and stabilization of patients in the pre-hospital settings.



### Focus

- Potential for higher education and research
- Structured curriculum covering various aspects of pre-hospital services
- Stimulation based learning with pre-hospital field exposure
- Emphasis on infection control, toxicology and EMS system functioning



### Career Prospects

- In Emergency Medicine Department as an EMT – Private and government hospitals.
- Work as an EMT in tertiary care hospitals in India and Abroad
- As Emergency Medical Therapist- in transport and handling ventilators.
- In the pre-hospital setting , as a member in Emergency Medical Services (EMS)
- As an EMT in Air ambulances, wilderness response, industrial services and offshore response.

Teaching faculty and capable of opting for higher studies and research.

## Bachelor of Science (Physician Assistant)

Offered at Manipal Campus

### Duration

3 years + 1 year internship

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

**Last date to apply:** 15.05.2022

**Commencement of Classes:** 03.08.2022



### Program Description

B.Sc. Physician Assistant is a four year (3 years + 1-year internship) full-time undergraduate programme offered by Manipal College of Health Professions, MAHE. B.Sc. Physician Assistant programme trains the students in a medical model to practice medicine as part of the healthcare team. The course qualifies the candidates to conduct physical examinations, treat illnesses, order and interpret laboratory tests and imaging studies, counsel on healthcare issues, prepare patients for surgery and take care of patients after surgery.



### Focus

The PA programme involves both didactic lectures and clinical education training focusing on the basic medical sciences, and medical and surgical disciplines including medicine, ENT, paediatrics, emergency medicine, orthopaedics, cardiac sciences, neurosciences, endocrinology, oncology and general surgery.



### Career Prospects

- Physician Assistants in hospitals under multiple specialities
- Member of emergency care in ambulances, and rescue squads
- In medical equipment and software establishments
- Diagnostic centres
- Educational services

## Bachelor in Prosthetics and Orthotics

Offered at Manipal Campus

### Duration

4 years + 6 months Internship

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

**Last date to apply:** 15.05.2022

**Commencement of Classes:** 03.08.2022



### Program Description

BSc. Prosthetics and Orthotics is a health care profession, which requires clinical and technological skills. The Prosthetic and Orthotic Professionals assess and evaluate patients, prescribe custom design, fabricate, and fit the orthoses and prostheses. Prosthetic and Orthotic professionals provide service to persons with neuro-musculoskeletal disorders and disabilities. Their work also involves service delivery for the management of work-related disorders, podiatric disorders, fractures, sports injuries, disorders due to aging, tendinitis, musculoskeletal pain, aesthetic restoration, among others. Prosthetics and Orthotics Professionals play an important role in the comprehensive pre and post-surgical management of patients and promote community independence. Over the years their role has been significant in the field of humanitarian crises, competitive sports for persons with disabilities, and technology based rehabilitation.



### Focus

The programme involves both didactic lectures and clinical education and training. Course is designed to focus on evaluation of patients; prescription of custom design devices; fabrication, and fitting of orthoses and prostheses. It also trains students for community rehabilitation and improving participation among persons with disabilities among others.



### Career Prospects

- Certified Orthotist (CO)
- Certified Prosthetist (CP),
- Certified Prosthetist/Orthotist (CPO)
- Licensed Prosthetist/Orthotist (LPO)
- Orthotic/Prosthetic Practitioner
- Pedorthist/Prosthetist
- Health consultant, lecturer, founder/entrepreneur of a fabrication unit or rehabilitation center

# MANIPAL SCHOOL OF LIFE SCIENCES [MSLS]

Manipal School of Life Sciences is home to path-breaking research studies in the field of life sciences. Nurturing students to pursue productive careers in biotechnology and bioinformatics, the School provides a conducive academic environment for those interested in life sciences research. Since its inception in 2006, the School has trained researchers and practitioners who are making a positive difference in the community globally.

"The School is ISO 9001:2015 and ISO 14001:2015 certified".





Manipal School of Life Sciences (MSLS), Manipal conducts B.Sc. and B.Sc. (Honours) programs in Biotechnology and seven M.Sc. programs in Medical Biotechnology, Molecular Biology & Human Genetics, Bioinformatics, Systems Biology, Genome Engineering, Tissue Engineering and M.Sc. by Research in Life Sciences. The School offers a Postgraduate Diploma in Cellular & Molecular Diagnostics and an active PhD program. A certificate course in Bioinformatics is also offered twice a year. The general aim of the programs is to provide the atmosphere and opportunities for students and researchers to train in biotechnology, molecular biology, genetics, bioinformatics, systems biology, genome engineering and tissue engineering, and equip them with knowledge, competence and commitment to be self-directed individuals and responsible citizens.

MSLS also has following departments:

- Department of Ageing Research
- Department of Bioinformatics
- Department of Biophysics
- Department of Biotechnology
- Department of Cell and Molecular Biology
- Department of Plant Sciences
- Department of Public Health and Genomics
- Department of Radiation Biology and Toxicology

The Department of Biotechnology performs state-of-the-art research and developmental activities in the area of human health. The Department of Cell and Molecular Biology performs basic and advanced biomedical research aimed at genetic and molecular diagnosis of human diseases. The Department of Radiation Biology and Toxicology examines the chemo prevention and reduction of the toxic effects of radiation; while the Department of Biophysics tests lasers for applications such as diagnosis of cancer. The Department of Ageing Research looks at DNA repair mechanisms and their alterations on age related human diseases. The focus of research at Department of

Plant Sciences is to translate research outcome on economically important plants for human health. The big data acquired from genomics, proteomics and metabolomics research programs related to human health are dealt with by the Department of Bioinformatics. The Department of Public Health and Genomics is dedicated to train students in the area of public health with multidisciplinary approaches.

### ► Highlights

The School was established in order to develop a scientific research hub for multi-disciplinary research related to human health.

- Identified as TIFAC-CORE (Technology Information, Forecasting & Assessment Council - Centres of Relevance & Excellence of DST, Government of India) in the area of Pharmacogenomics and Translational Research with program support from Department of Biotechnology, Government of India
- State-of-the-art research infrastructure, well qualified researchers, faculties and nationally and internationally acclaimed research and translational programs related to human health
- Centres for Biomedical Research (DAILAB@MAHE), Ayurveda Biology and Genome Instability
- Supported by DST-FIST, Government of India
- Program supports from Department of Biotechnology, Government of India for DBT-ILSPARE and translational research
- Supported by K-FIST programme, Government of Karnataka
- Recognized as Biotechnology Finishing School by Government of Karnataka
- Recognized for Biotechnology Skill Enhancement Programme (BiSEP), Government of Karnataka

## ► Collaborations and Partnerships

### Institutional Collaborations

CCMB (Hyderabad), IGIB (New Delhi), Indian Institute of Science (Bengaluru), JIPMER (Puducherry), Mangalore University (Mangaluru), NIMHANS (Bengaluru), Sri Ramachandra Institute of Higher Education and Research (SRIHER) Chennai, SP Pune University (Pune) among others.

### International Collaborations

Collaborations for research and academics with:

Australian National University (Australia), Deakin University (Australia), Edinburgh Napier University (Scotland), Flinders University (Australia), Helmholtz Research Center - Munich (Germany), Lancaster University (United Kingdom), Maastricht University (The Netherlands), Max Planck Institute (Germany), National Institute of Advanced Industrial Science and Technology (Japan), Queensland University of Technology (Australia), Sao Paulo State University (Brazil), Stellenbosch University (South Africa), The Wistar Institute (USA), University of Aberdeen (Scotland), University of Alabama (USA), University of Grenoble-Alpes (France), University of Lille (France), University of Miami (USA), University of Nottingham (United Kingdom), University of Queensland (Australia), University of Sheffield (UK) and University of Sydney (Australia)

### Industry Collaborations

Achira Labs, Advinus Pharma, Bhat Biotech, Bosch, Cipla, Himalaya India, Johnson & Johnson, Juggat Pharma, Lupin, Natural Remedies, Panacea Biotech, Philips, Stempeutics, Tata Consultancy Pvt Ltd, Dr. Reddy's Institute of Life Sciences.

## ► Recognitions / Accreditations

- University Grants Commission (UGC)
- National Accreditation Board for Testing and Calibration Laboratories (NABL)
- Life Sciences Sector Skill Development Council (LSSSDC)

## Research Excellence in Numbers

### For the last 5 years

Patents Granted	3
Patents Filed	10
International Conferences	10
Symposia and workshop	34
Publications in Journals & Books	284

## Research Activities

- Autofluorescence and biophotonics in biomedical research
- Behavioural and molecular neuroscience
- Breeding for enhanced agronomic traits
- Cancer epigenetics and signalling
- Cancer genetics and genomics
- Drug resistance mechanisms
- Environmental toxicology
- Epigenetics of human diseases
- Exocytosis in cancer
- Exosome biology in cancer
- Functional and integrative biology
- Fungal endophytes and secondary metabolites
- Genetics and molecular genetics of human diseases
- Immuno-metabolic axis and its implications to metabolic disorders
- Infection, inflammation and cancer
- Infectious diseases and host response
- Laser-assisted breeding
- Machine learning for tissue characterization
- Mechanisms of plant defence
- Mechanisms of plant-microbe interactions
- Molecular basis of DNA damage response in cancer and aging
- Molecular basis of traditional Ayurveda knowledge
- Neurodegenerative disorders – dementia and movement disorders
- Neurophysiology
- Neutrophil extracellular traps in health and diseases
- Nonlinear optics
- Pharmacogenomics and

## Pharmacoeigenomics

- Photoacoustic imaging
- Regulation of seed development
- Stokes-Mueller based polarization microscopy
- Traditional medicines in Alzheimer's disease

## International Students Exchange Programs

The Manipal School of Life Sciences, through research and academic collaborations, has signed Memorandums of Understanding with several universities and institutions of repute to promote research, education and human resource development activities. Meritorious students of MSLS, at both undergraduate and post-graduate levels, are provided with opportunities to undergo training and education at institutions abroad for specific periods of time (semester/year). These are perfect opportunities for students to broaden their horizons, interact with an international community and learn skills from some of the experts in a field. It also enables them to appreciate differences in culture and help their development to compete internationally with a scientific bent of mind. The school has collaborations with, among others,

- Australian National University (Australia)
- Edinburgh-Napier University (UK)
- Flinders University (Australia)
- Lancaster University (UK)
- Maastricht University (the Netherlands)
- Queensland University of Technology (Australia)
- University of Grenoble-Alpes (France)
- University of Miami (USA)
- University of Nottingham (UK)
- University of Queensland (Australia)
- Utrecht University (The Netherlands)

## Placements

Almost 90% of the post-graduate students from MSLS are currently employed in relevant industries or are pursuing their PhD. Some of the companies where the students have been employed in India are - Advinus, Astra Zeneca, Biocon India, Enzene, Himalaya Healthcare, Natural Remedies, Serum Institute, Syngene, Thermo Fisher Scientific among many others.

Countries where the students have been registered for PhD are Australia, Canada, France, Germany, Italy, The Netherlands, Spain, Switzerland, UK and USA, among others.

In India, a number of top research Institutes and Universities have accepted our graduating students for PhD programmes and research positions.

## B.Sc. Biotechnology and B.Sc. Biotechnology (Hons.)

### Duration

B.Sc. - 3 Years (6 Semesters)

B.Sc. (Hons.) - 4 Years (8 Semesters)

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

**Last date to apply:** 20.05.2022

**Commencement of Classes:** 19.07.2022

### Program Description

An undergraduate program covering the broad aspects of various areas of biotechnology to help choose a promising career in life sciences. B.Sc. (Hons.) program gives almost three semesters of research lab exposure for students with a penchant for life sciences research

### Focus

Thorough understanding of basic knowledge in biotechnology, through lectures and hands-on training, culminating in a research project work. Courses covered include different areas of biotechnology including genetics, molecular biology, cell biology, bioinformatics, biophysics and business studies.

### Career Prospects

Meritorious graduates gain post-graduate admissions in various fields in life sciences, health sciences, business administration, bioinformatics, systems biology and such, in India and abroad.

Postgraduate degree helps in better career prospects

## M.Sc. Medical Biotechnology

### Duration

2 Years (4 Semesters)

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

**Last date to apply:** 20.05.2022

**Commencement of Classes:** 19.08.2022

### Program Description

A graduate program providing knowledge and skills in different fields of biotechnology, with major focus on human health-related aspects

### Focus

Gaining knowledge and advanced understanding of the way biotechnology can be applied in innovation and problem solving through practical learning, hands-on research skills and research project

### Career Prospects

Meritorious graduates interested in research gain PhD positions at reputed universities in India and abroad, while those opting to work gain employment in biotech and pharmaceutical industries

## M.Sc. Molecular Biology and Human Genetics

### Duration

2 Years (4 Semesters)

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

**Last date to apply:** 20.05.2022

**Commencement of Classes:** 19.08.2022

### Program Description

This graduate program provides knowledge and skills in areas related to human health and healthcare

### Focus

Gain scientific knowledge, hands-on skills in advanced technology and techniques to inculcate research temper, to understand and solve healthcare issues such as cancer, hereditary and metabolic disorders

### Career Prospects

Meritorious and interested graduates gain PhD positions at renowned universities abroad and in India. Those seeking employment join industries and institutions working in the areas of biotechnology, pharmaceuticals, clinical research and such

## M.Sc. Bioinformatics

### Duration

2 Years (4 Semesters)

**Eligibility Criteria & Admission Process**  
Refer **Section 2**

**Course Fees, Hostel Fees, Refund Rules**  
Refer **Section 3**

**Last date to apply:** 20.05.2022

**Commencement of Classes:** 19.08.2022



### Program Description

This program provides knowledge and skills to become trained bioinformaticians



### Focus

The graduates gain knowledge and learn skills and training in bioinformatics and related areas. Programming and computational biology, biostatistics, image processing are some of the skills to be gained.



### Career Prospects

Successful graduates of this program can either opt for a higher degree through research or join companies that are related to biological and clinical data analysis

## M.Sc. Systems Biology

### Duration

2 Years (4 Semesters)

**Eligibility Criteria & Admission Process**  
Refer **Section 2**

**Course Fees, Hostel Fees, Refund Rules**  
Refer **Section 3**

**Last date to apply:** 20.05.2022

**Commencement of Classes:** 19.08.2022



### Program Description

This program provides knowledge and skills in the area of systems biology that combines biological big data analysis with computational skills



### Focus

Graduates of this program will acquire knowledge and skills in the related domains of biology and computational biology. This learning will help in advanced areas such as big data analysis, artificial intelligence etc.



### Career Prospects

With the advent of big data, institutions and industries are eager to appoint skilled personnel trained in big data analysis with a background in life sciences and knowledge in bioinformatics

## M.Sc. Genome Engineering

### Duration

2 Years (4 Semesters)

**Eligibility Criteria & Admission Process**  
Refer **Section 2**

**Course Fees, Hostel Fees, Refund Rules**  
Refer **Section 3**

**Last date to apply:** 20.05.2022

**Commencement of Classes:** 19.08.2022



### Program Description

This program provides skills and knowledge in the area of genome engineering and its applications in life sciences.



### Focus

The graduates will gain advanced knowledge, skills and training that can be applied in the areas of genome engineering with implications in the field of human health and related areas in life sciences.



### Career Prospects

Meritorious and successful graduates of this program can pursue higher degree through research or join companies that are related to biological and clinical data analysis

## M.Sc. Tissue Engineering

### Duration

2 Years (4 Semesters)

**Eligibility Criteria & Admission Process**  
Refer **Section 2**

**Course Fees, Hostel Fees, Refund Rules**  
Refer **Section 3**

**Last date to apply:** 20.05.2022

**Commencement of Classes:** 19.08.2022



### Program Description

This program provides skills and knowledge in the area of Tissue Engineering technology and its applications in Medicine, and other areas of technology and Life Sciences



### Focus

The graduates will gain advanced knowledge and learn skills and training that can be applied in the areas of tissue engineering with implications in the field of human health and related areas in Life Sciences



### Career Prospects

Meritorious and successful graduates of this program can pursue higher degree through research or join academic institutions/companies that are related to biotechnology, tissue engineering and health care

## M.Sc. by Research in Life Sciences

### Duration

2 Years (4 Semesters)

**Eligibility Criteria & Admission Process**  
Refer **Section 2**

**Course Fees, Hostel Fees, Refund Rules**  
Refer **Section 3**

**Last date to apply:** 20.05.2022

**Commencement of Classes:** 19.08.2022



### Program Description

A graduate program with the primary aim of developing research skills in life sciences, with more than 75% of the time (3 out of 4 semesters) allotted to research



### Focus

The main thrust of the program is to provide research opportunities to the students, to hone their knowledge and improve their technical skills on the bench, to get trained on writing research articles and such, while accumulating knowledge towards gaining higher degree through research.



### Career Prospects

Graduates of this program, with their experience in research environment, could opt to pursue their research interests by registering for a higher degree in India or abroad.

## Post Graduate Diploma in Cellular and Molecular Diagnostics

### Duration

1 year (2 Semesters)

**Eligibility Criteria & Admission Process**  
Refer **Section 2**

**Course Fees, Hostel Fees, Refund Rules**  
Refer **Section 3**

**Last date to apply:** announced by Government of Karnataka

**Commencement of Classes:** announced by Government of Karnataka



### Program Description

Biotechnology Skill Enhancement Program (BiSEP) is an initiative of the Department of Biotechnology, Government of India, Department of IT & BT Government of Karnataka, in Collaboration with LSSSDC, CSIR-IICT and ABLE. The School offers a PG Diploma in Cellular and Molecular Diagnostics program, with a semester of course work followed by a semester of industrial internship.

For more details, contact

The Director,  
Manipal School of Life Sciences,  
MAHE, Manipal.  
Email: mlsc@manipal.edu



# MANIPAL COLLEGE OF NURSING Manipal [MCON]

Since its inception in 1990, MCON has progressively grown in its strength and scope.

MCON is one of the best nursing colleges in India. The college has highly qualified and experienced faculty, excellent infrastructure and teaching hospitals of MAHE, which provide wholesome experience in nursing education.



#4

**Ranked Number 4**

Source: Education World India - Higher Education Ranking 2021-22

Singapore has recognized nursing degrees awarded by seven Nursing Colleges in India, one of that is MCON Manipal as mentioned in MRA Pact

The institution is certified as ISO 9001: 2015, ISO 14001 : 2015, ISO 50001 : 2011.

MCON is recognized by the Karnataka State Nursing Council (KSNC) and Indian Nursing Council (INC).

### Student/Faculty Exchange programs

- Al Salam Hospital, Kuwait
- MGH Institute of Health Professions, Boston, USA
- University of Miami, USA
- Hochschule Bremen University, Germany
- Manchester Metropolitan University, UK
- The University of Sydney, Australia
- University of Stavanger, Norway
- University of Kentucky, USA
- The University of Nottingham, UK
- Ngee Ann Polytechnic, Singapore
- Malmo University, Sweden
- University College of Northern Denmark
- University of HULL, UK
- University of Mississippi

### Government Tie-ups

- Indigenizing Evidence Synthesis and Systematic Reviews for International Development and Global Challenges - Fund Rs.63,52,6300 in 2019 by SPARC (Scheme for Promotion of Academic and Research Collaboration)
- Improving Clinical Care : Education and Collaboration in the health professions - United States - India Educational Foundation.
- Effectiveness of Capacity Building: Integrating the Palliative Care and Symptom relief into Primary Health Care – An Evaluative approach. Fund Rs. 7,320,075 by ICMR
- Impact of customized nutritional package on macro and micro nutrients(MAMN) in wound management among patients of Kasturba Hospital-Fund Rs.1,467,241 by ICMR
- Effectiveness Of Peanut Ball Device During Labour On Maternal & Neonatal Outcomes And Stress Level In Low-Risk Primigravid Women - A Randomized Controlled Trial.-Fund Rs 4,354,888 by ICMR
- Structure, Staffing and factors affecting (SSF) Infection Control Nurses (ICNs): National Based Hospital Study-Fund Rs.2,200,000 from ICMR
- Effectiveness Of Nursing Intervention Module On Knowledge, Adherence, Complications And Quality Of Life Of Persons Receiving Anticoagulation Therapy - A Randomized Controlled Trial. Fund Rs.1,635,304.40 by ICMR



## Placements

BSc Nursing and PBBSc Nursing graduates are offered placements in associated teaching hospitals of Manipal Academy of Higher Education based on their merit (academic and non-academic records) subject to vacancies in the respective hospitals. MCON graduates are also placed in many other hospitals in the country and abroad.

## Research Excellence

As part of enabling students to prepare for successful careers in nursing, MCON encourages its students to participate in various research activities. Numerous seminars, conferences and research projects are undertaken by the students and faculty members at MCON campus.

### Research Excellence in Numbers

For the last 5 years	
Journal Article Publications	169
Conference/Workshop Presentations	319
Conference/Workshops/Seminars attended	1440
Ongoing Research Projects	56
Research Completed	160

## B.Sc. Nursing

### Duration

8 Semesters (4 years)

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

**Last date to apply:** 15.05.2022

**Commencement of Classes:** 01.08.2022



### Program Description

Program includes classroom learning and practical sessions. Clinical experience is provided under the guidance of faculty in various clinical and community settings. University examinations are held semester-wise.



### Focus

Preparing students to graduate as qualified nurses, who are self directed professionals and responsible citizens who can render comprehensive nursing care to the needy and also assume first level positions in all health care agencies.



### Career Prospects

On completion of BSc Nursing the graduates can opt to work in the hospitals as staff nurses, pursue higher education like MSc Nursing, Nurse Practitioners, Masters in Public Health, MBA in Healthcare Management etc. They can be clinical nurses, nurse educators and Nurse administrators.

## Post Basic B.Sc. Nursing

### Duration

2 Years

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

**Last date to apply:** 15.06.2022

**Commencement of Classes:** 02.08.2022



### Program Description

During the two years' program, advanced knowledge is rendered through classroom & clinical teachings and educational visits. University examinations are held annually.



### Focus

To develop professional nurses, with a strong basis of principles of health sciences, clear role identity and ability to carry out rational interventions, independently in a variety of health care settings.



### Career Prospects

On completion of Post Basic BSc Nursing the graduates can opt to work in the hospitals as staff nurses, pursue higher education like MSc Nursing, Nurse practitioners, Masters in Public Health, MBA in Health care Management. They can be clinical nurses, nurse educators and Nurse administrators

## ➤ M.Sc. in Child Health (Paediatric) Nursing

### Duration

2 Years

### Eligibility Criteria & Admission Process

Refer Section 2

### Course Fees, Hostel Fees, Refund Rules

Refer Section 3

Last date to apply: 15.04.2022

Commencement of Classes: 01.08.2022



### Program Description

Program is delivered in M.Sc. Child Health (Paediatric) Nursing Speciality. Teaching is incorporated with clinical experience in the respective speciality. As partial fulfillment of the program, students should submit a dissertation. Experience of organizing workshop and conference with the support of faculty members is imparted to the students. University examinations are held annually.



### Focus

To prepare nurses who will function as leaders in nursing practice, education, administration, nursing service and research in the field of pediatric nursing. As pediatric nurse specialists they will improve the nursing care and endeavor to enhance professional credibility.



### Career Prospects

On completion of Masters in Child Health (Paediatric) Nursing they can pursue higher studies and complete their PhD. They can also work in the Hospitals as nurse administrators or in supervisory roles. They can join academic programs and work as Lecturers and progress to be Professors

## ➤ M.Sc. in Community Health Nursing

### Duration

2 Years

### Eligibility Criteria & Admission Process

Refer Section 2

### Course Fees, Hostel Fees, Refund Rules

Refer Section 3

Last date to apply: 15.04.2022

Commencement of Classes: 01.08.2022



### Program Description

Program is delivered in M.Sc. Community Health Nursing Speciality. Teaching is incorporated with community experience. As partial fulfillment of the program, students should submit a dissertation. Experience of organizing workshop and conference with the support of faculty members is imparted to the students. University examinations are held annually.



### Focus

To prepare nurses who will function as leaders in nursing practice, education, administration, nursing service and research in field of community health nursing. As community health nurses they will improve the nursing care and endeavor to enhance professional credibility.



### Career Prospects

On completion of Masters in Community Health Nursing they can pursue higher studies and complete their PhD. They can also work in the Hospitals as nurse administrators or in supervisory roles. They can join academic programs and work as Lecturers and progress to be Professors.

## ➤ M.Sc. in Medical Surgical Nursing

### Duration

2 Years

### Eligibility Criteria & Admission Process

Refer Section 2

### Course Fees, Hostel Fees, Refund Rules

Refer Section 3

Last date to apply: 15.04.2022

Commencement of Classes: 01.08.2022



### Program Description

Program is delivered in medical surgical nursing under super specialties (Critical care/ Neuro/ Cardiovascular/ Oncology/Emergency/ Renal/ Orthopedics/Gastroenology). Teaching is incorporated with clinical experience in the respective specialties. As partial fulfillment of the program, students should submit a dissertation. Experience of organizing workshop and conference with the support of faculty members is imparted to the students. University examinations are held annually.



### Focus

To prepare nurses who will function as leaders in nursing practice, education, administration, nursing service and research in the field of medical surgical nursing under respective super specialties. As medical surgical super specialists they will improve the nursing care and endeavor to enhance professional credibility.



### Career Prospects

On completion of Masters in Medical Surgical Nursing in various super specializations they can pursue higher studies and complete their PhD. They can also work in the hospitals as nurse administrators or in supervisory roles. They can join academic programs and work as Lecturers and progress to be Professors.

## ▶ M.Sc. in Obstetrics & Gynaecology Nursing

### Duration

2 Years

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

**Last date to apply:** 15.04.2022

**Commencement of Classes:** 01.08.2022



### Program Description

Program is delivered in Obstetrics & Gynaecology Nursing Speciality. Teaching is incorporated with clinical experience in the respective speciality. As partial fulfillment of the program, students should submit a dissertation. Experience of organizing workshop and conference with the support of faculty members is imparted to the students. University examinations are held annually.



### Focus

To prepare nurses who will function as leaders in nursing practice, education, administration, nursing service and research in the field of Obstetrics & Gynaecological Nursing. As independent midwifery practitioners they will improve the nursing care and endeavor to enhance professional credibility.



### Career Prospects

On completion of Masters in Obstetrics & Gynaecology Nursing they can pursue higher studies and complete their PhD. They can also work in the hospitals as nurse administrators or in supervisory roles. They can join academic programs and work as Lecturers and progress to be Professors.

## ▶ M.Sc. in Psychiatric (Mental Health) Nursing

### Duration

2 Years

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

**Last date to apply:** 15.04.2022

**Commencement of Classes:** 01.08.2022



### Program Description

Program is delivered in M.Sc. Psychiatric (Mental Health) Nursing speciality. Teaching is incorporated with clinical experience in the respective speciality. As partial fulfillment of the program, students should submit a dissertation. Experience of organizing workshop and conference with the support of faculty members is imparted to the students. University examinations are held annually.



### Focus

To prepare nurses who will function as leaders in nursing practice, education, administration, nursing service and researcher and counselor in the field of mental health nursing. As mental health nurses they will improve the nursing care and endeavor to enhance professional credibility.



### Career Prospects

On completion of Masters in Psychiatric (Mental Health) Nursing they can pursue higher studies and complete their PhD. They can also work in the Hospitals as nurse administrators or in supervisory roles. They can join academic programs and work as lecturers and progress to be professors.

## ▶ Nurse Practitioner in Critical Care PG Residency Program

### Duration

2 Years

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

**Last date to apply:** 15.06.2022

**Commencement of Classes:** 01.08.2022



### Program Description

Nurse Practitioner in Critical Care is a Postgraduate Residency Program of two years duration with competency based training. The core courses of the program include health assessment, advanced leadership and management, research and evidence based practice, advanced practice and clinical courses. It is an annual program with university examinations at the end of each year.



### Focus

To prepare BSc nursing and P.B.Bsc nursing graduates for advance practice roles as critical care nurse practitioners, and critical care nurse managers. As leaders they will improve the nursing practice by performing advanced roles in critical care/emergency care units.



### Career Prospects

On completion of Nurse Practitioner in Critical Care Post Graduate Residency Program the candidates can work in the critical care units/emergency units as critical care nurse practitioners or nurse managers.



# PRASANNA SCHOOL OF PUBLIC HEALTH [PSPH]

Prasanna School of Public Health under Manipal Academy of Higher Education, offers MPH, MSW, MHA and MSc in Data Science, MSc in Biostatistics and MSc Digital Epidemiology programs. The school is fully equipped with well qualified and experienced faculty members. The school has established collaboration with a number of universities in India and abroad. It is also well connected with public, private and governmental institutions.

Details regarding Masters in Public Health (MPH), Medical & Psychiatric Social Work (MSW), Master of Hospital Administration (MHA), M.Sc in Biostatistics, M.Sc in Data Science and MSc Digital Epidemiology Programs:

Focus:

- To develop a cadre of skilled and component professionals in the field of Public Health, Social Work, Hospital Administration and Biostatistics, Data Science and Digital Epidemiology.
- To provide training on conceptual understanding along with practical skills to address the emerging challenges.



## Research Excellence in Numbers

For the last 5 years	
Research Papers	440
Workshops / Symposiums Conferences / Resource Sessions Conducted	334
Ongoing Funded Research Projects	18
Research Projects Completed	34
Future Research Projects	5
Chapters in books published by faculty	7
Student research published	113
Citations	723

## Advantages

- The Prasanna School of Public Health was set up with the singular objective of training public health Professionals for the country as well as the region and place them in roles contributing to education, practice and research in Public Health. The curriculum for Masters in Public Health (MPH) was developed with assistance from the School of Public Health, University of Alabama in Birmingham, USA. Subsequently MSW and MHA programs were initiated. The School of Public Health has excellent working relations with World Health Organization (WHO), United Nations Children's Fund (UNICEF), industries and other international organizations.
- MAHE is equipped with world class infrastructure, facilities and dedicated faculty for teaching and research. All the programs in Public Health were introduced at an appropriate time when the whole world has been looking for trained Public Health professionals to tackle the emerging challenges. The larger objective of the course is to build capacity in Public Health, Social Work and Hospital Administration both at National and International levels.
- MPH students get an opportunity to study for a semester at Maastricht University, The Netherlands for

an academic exposure with international faculty.

- The school also houses various centres related to infectious diseases, clinical epidemiology, Public Health Evidence South Asia, Health Literacy and Health technology and One Health.

## Recognitions / Accreditations

MPH, MSW, MHA, MSc in Biostatistics and MSc in Data Science Programs is one of the UGC specified Degrees under Section 22 of the UGC Act, 1956 and the program has been approved by the Academic Senate of Manipal Academy of Higher Education, Manipal.

## Collaborations & Partnerships

- Asian Health Literacy Association, Geneva Office
- Centre for North East Studies and Policy Research, New Delhi
- Deakin University Australia
- Global Institute of Public Health, Trivandrum
- Griffith University, Australia
- Hasselt University Belgium
- James Cook University Australia
- Maastricht University, The Netherlands
- McMaster University, Canada
- Mel and Enid Zuckerman College of Public Health, University of Arizona
- ICMR-National Institute for Research in Environmental Health, Bhopal
- Robert Bosch Engineering Solutions Pvt Ltd (RBEI), Bengaluru
- TAKE Solutions Pvt Ltd
- Tampere University Finland
- TGI
- UNICEF India
- University of Groningen, Netherlands
- University of Maryland, USA
- University of New South Wales, Australia
- University of South Australia
- University of Sydney, Australia
- Utrecht University, Netherlands
- WHO

## Student Exchange Programs

Prasanna School of Public Health, Manipal Academy of Higher Education in collaboration with Maastricht University, The Netherlands, has designed a programme, where MPH/MSW students can optionally choose to spend a semester at Maastricht University, The Netherlands. This unique exposure prepares students to deal with global health problems, work in multi-cultural settings and helps to build collaborations/networks with international faculty.

## Special Features of the course

- Modular Teaching
- Outcome Based Education
- Competency driven curriculum
- Participatory teaching-learning experience
- Experienced faculty members
- Multi-disciplinary campus
- Students exchange programme
- Good job



## MPH Epidemiology

### Duration

2 Years

- 1st Year - Academic Teaching.
- 2nd Year - Research Project and Internship.

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

**Last date to apply:** 31.05.2022

**Commencement of Classes:** 01.08.2022



### Program Description

The Epidemiology track is designed with a perfect blend of both theoretical and practical exposure for the students to give them first hand on experience with the key concepts in epidemiology, understanding the trends of the diseases, epidemiological methods, outbreak investigation and determinants of Health.



### Focus

Non Communicable Diseases, Infectious diseases, Chronic diseases Outbreak investigation, Surveillance, Clinical Research & Ethics, Nutritional Epidemiology, Monitoring and Evaluation of Public health

## MPH Maternal & Child Health

### Duration

2 Years

- 1st Year - Academic Teaching.
- 2nd Year - Research Project and Internship.

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

**Last date to apply:** 31.05.2022

**Commencement of Classes:** 01.08.2022



### Program Description

The concept of a healthy mother and healthy baby is an essential aspect of reproductive health care program. In a developing country like India, poverty, illiteracy, and multiple pregnancies take their toll of mother's health and that of the breastfed infant. The focus of this program is building a cadre of maternal and child specialist in the developing world



### Focus

Safe delivery practices, Mother and Child Health programs, Prevention of maternal and infant death

## MPH Environment and Occupational Health

### Duration

2 Years

- 1st Year - Academic Teaching.
- 2nd Year - Research Project and Internship.

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

**Last date to apply:** 31.05.2022

**Commencement of Classes:** 01.08.2022



### Program Description

Environmental and occupational health track includes a basic understanding of the twin disciplines of Environmental and Occupational Health. Various angles of environmental sciences, including physical, chemical, and biological, is covered in the module. There is a specific focus on approaches for assessing, preventing and controlling environmental hazards that pose risks to human health and safety



### Focus

Environmental hazards, Ergonomics, Toxicity, Safe environmental practices

## MPH Global Health

### Duration

2 Years

- 1st Year - Academic Teaching.
- 2nd Year - Research Project and Internship.

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

**Last date to apply:** 31.05.2022

**Commencement of Classes:** 01.08.2022



### Program Description

This course will have six core subjects, Global health policy analysis, Global health management, Global health economics, Global health epidemiology, Global health and Anthropology, Global Public health in emergencies, The students get an opportunity to spend a semester in Maastricht University, The Netherlands for some of the electives to provide them an international exposure of training in public health.

The average cost of boarding and accommodation at Maastricht will be around 4000 Euros subject to currency value.



### Focus

Global Public Health in emergencies, Medical Anthropology, Contemporary Global Public Health issues, Evaluation research

## MPH Health Policy

### Duration

2 Years

- 1st Year - Academic Teaching.
- 2nd Year - Research Project and Internship.

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

**Last date to apply:** 31.05.2022

**Commencement of Classes:** 01.08.2022



### Program Description

Health policy track is designed for those who are passionate about developing long-term solutions to healthcare challenges. Students will develop a robust understanding of healthcare systems, quality improvement, and legislative procedures as they relate it to continuously evolving healthcare policy.



### Focus

Contemporary health policies, Health policies, Healthcare leadership, Healthcare innovations



### Career Prospects

MPH graduates are placed as evidence synthesis specialists, research officers, associate epidemiologists, project lead, scientific officer, program officer in Indian and international non-governmental organization working towards research and innovation in public health. They have also chosen a career path in various capacities in World Health Organization, UNICEF and national health programs. Following the pandemic we foresee an increased demand for public health professionals in governmental organizations for various research projects. Doctoral research opportunities at MAHE and abroad are also available upon completion of MPH.

## Placements

Graduates are working in various Governmental and Non-Governmental organizations like UNICEF, WHO, PHFI, PATH, Jhpiego, Medicines Sans Frontiers, National Health Mission, National institutes like: National Institute for Research in TB, Chennai, Cochrane collaborations, and in various academic institutions as research associates, MAHAN Trust, Maharashtra, Decision Resources Group, Bangalore, Tata Trust, Mumbai, Institute of Public Health, Bengaluru, Ayushman Bharat, Indian Institute of Population Studies, Mumbai, Karuna Trust, Bengaluru, Campbell Foundation, Delhi, George Institute of Global Health, Delhi, CARE India, Central Leprosy Division, Delhi, IHAT. Digital Health Associates, EKAM Foundation, PGIMER Chandigarh, AIIMS, IIT Chennai, SAHAS Udupi. Ashraya Social Welfare Foundation, Mumbai. SAATHI Kolkata, IMPACT India Foundation, INCLIN, Evalueserve, Clarivate Analytics, Skyward Analytics

## Internship

MPH students also get an opportunity for observational and academic oriented internships in various organisations across the country. This is a part of the curriculum and will be for a period of 4 weeks. This gives an opportunity for the MPH students to network and establish rapport with the organisations which can provide them job opportunities on completion of the course. Course credits will be provided for the internship activity. The various organisations where our students have completed their internships so far are as below: Mahan Trust, SOCHARA, Chennai, SAATHI, Kolkata, National Health Programme Offices – NVBDCP, IDSP, Endosulfan, SEARCH, Gadchiroli, SAIL, Gujarat, Cadbury Industry, Bangalore, United Way, Mumbai, Cashew Factory, Fish canning factory, Lifeline Express, IIHMR, Blore, EKAM Foundation, ASHWINI, Health Action by People.

## Research in the MPH Programme

MPH Programme of Prasanna School of Public Health, over the years, has signed memorandum of understanding

(MoU) with many National and International Academic, Governmental, Non-governmental and Industries engaged in health. Department conducts national and international level Conferences and Seminars. MPH Programme provides training to students in research grant and scientific proposal writing. The faculty members in Public health are involved in various National and International collaborative and funded research projects. Prasanna School of Public Health already has functional centres engaged in research in Infectious Diseases, Clinical Epidemiology, Public Health Evidence South Asia, Health Literacy, and Health technology assessments, Regulatory Affairs, Demography.

### ► Foundation course as a preparation to Global Health Symposium

Global Health Symposium is an annual event of MPH Programme of Prasanna School of Public Health which is jointly organised by Manipal Academy of Higher Education, Manipal, Maastricht University, The Netherlands, and McMaster University, Canada. Over 300 students from more than 30 nationalities participate in the event at Manipal. As a preparation for the Symposium, we have the Foundation course for the MPH students. Foundation course is a perfect amalgamation for the students from Maastricht, McMaster and Manipal to work together for a common goal towards global health. Now with Ahfad University for Women, Sudan & Thamassat University, Thailand, University of Southeast Norway on board this program has provided an unique opportunity first of its kind for students across the globe to develop research proposal for the relevant topics in the current scenario and debate around for the same. The program not only inculcate hands on experience on proposal writing on relevant topics pertaining to global health in a diverse setting but it also helps to prepare themselves to work in a very versatile environment which will equip them with all necessary skills to be a global public health leader in the coming years.

## MSW Community Development

### Duration

2 Years

- 1st Year - Academic Teaching.
- 2nd Year - Research Project and Internship.

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

**Last date to apply:** 31.05.2022

**Commencement of Classes:** 01.08.2022



### Program Description

MSW Program in Community Development enable the graduates to think globally and act locally with strong theoretical foundations and community embedded practicum, The program spreads over the eight academic blocks and provide ample opportunities for initiation, ideation, integration and implementation of sustainable social innovation through structured academic inputs on and off the field.



### Focus

The Community Development Program focuses on building capacities to design, deliver and evaluate projects and programs that aim to meet the SDGs.



### Career Prospects

The students specializing in community development are placed in Non Governmental Organizations /Governmental Organizations, Community Health Centres both in rural and urban, CSR Projects. There is scope for them in the area of research, teaching and to grow as a social entrepreneur in their area of interest.

## MSW Human Resource Management and Industrial Relations

### Duration

2 Years

- 1st Year - Academic Teaching.
- 2nd Year - Research Project and Internship.

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

**Last date to apply:** 31.05.2022

**Commencement of Classes:** 01.08.2022



### Program Description

With a year of strong foundation in core social work courses, the program builds on developing graduates' capacities to be competent HR professionals. Adding to their academic curriculum, students acquire hands-on training and develop their professional networks through internships.



### Focus

The program focuses on emerging trends in the area of Labour Legislations, Industrial Relations and wellbeing embeded with structured practical exposure develop skills required for corporate requirements.



### Career Prospects

The HR specialized students are placed in corporate sectors, manufacturing sectors, hospitals and hospitality sectors handling various human resource functions, managing CSR programs. Our alumni have initiated their own ventures including consultancies.



## MSW Medical and Psychiatric Social Work

### Duration

2 Years

- 1st Year - Academic Teaching.
- 2nd Year - Research Project and Internship.

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

**Last date to apply:** 31.05.2022

**Commencement of Classes:** 01.08.2022

### Program Description

Two years Medical & Psychiatric Social Work program has got a finest curriculum in the country attracts international students also for electives. With regular academic sessions from multi-disciplinary professionals, graduates are placed for practical training at health care facilities of national repute. Mandatory research adds value to the program.

### Focus

The program prepares students to understand the complexities in causation of various health issues due to socio-cultural, behavioral, environmental and occupational factors. The focus also includes promotive, preventive and curative approaches to public health and mental health from a psychosocial perspective.

### Career Prospects

Students of Medical and Psychiatric Social Work are placed in schools, mental health settings, public health programs, GOs, NGOs and tertiary care hospitals and NGOs in India and overseas. They have scope to work as program officers in national health programs, counsellors and social workers in schools and hospitals, as researchers and also in academics. Recently, there is increasing demand for social workers in public health programs and research projects.

### Placements

Excellent track record of job placements. Our students have been recruited in various Governmental, Non-Governmental Organizations and Corporate sectors.



### Academic Partners



## Master of Hospital Administration

### Duration

2 Years

- 1st Year - Academic Teaching.
- 2nd Year - Research Project and Internship.

**Eligibility Criteria & Admission Process**  
Refer **Section 2**

**Course Fees, Hostel Fees, Refund Rules**  
Refer **Section 3**

**Last date to apply:** 31.05.2022

**Commencement of Classes:** 01.08.2022

### Program Description

The MHA program is a full-time program extending for a total duration of 2 years. The program is delivered in the modular form over six block periods extending over one year followed by internship & project work for one year and governance to name a few.

The MHA Electives (Closed Electives) are:

- Financial Management in Healthcare
- Branding & Customer Relationship Management
- Health Services Administration
- Healthcare data analytics
- Health technology assessment
- Health policy and governance to name a few

### Focus

The program focus is to prepare young knowledgeable, ethical and innovative administrators for the healthcare market who can contribute positively for the betterment of the healthcare domain.

### Career Prospects

MHA graduates get the opportunity to work in hospitals and healthcare institutions as administrative in charges/heads. Apart from healthcare sectors, they get the opportunity for continuing their academic programs in the form of PhD and research activities. The Insurance sector

is another domain in which MHA graduates are having promising opportunities. In the era of quality patient care graduates from this field are absorbed into implementing and assessing Quality and accreditation standards (mainly NABH) across hospitals and healthcare chains. Healthcare IT is another domain in which MHA graduates get to work. Apart from these opportunities, MHA graduates can also be part of Health policy initiatives by the government as they progress in their careers.

### Placements

Students graduating from the MHA program get placed in leading public and private industries across India and abroad. Most of our alumni are placed in key positions in well-known corporate and teaching hospital groups like Manipal group of hospitals (both teaching and non-teaching hospitals), Fortis group, Global hospitals group, Apollo Hospitals, Sakra Group of Hospitals, Narayana Health(NH) to name a few. Quite a number of our alumni have opted to continue their higher studies, doctoral /graduate studies in India and abroad. Few students have had excellent placement opportunities in healthcare insurance sector (Mediassist Pvt Ltd., ICICI Lombard, Reliance Insurance, etc.), a few in IT Enabled Health Services sectors (Dell, Health Assist etc.) Students are prepared for mock interviews during their final semester, before entering the job market.

### Internship

MHA students have an opportunity for observational and academic oriented internships in healthcare organizations across the country. This gives ample opportunity to MHA students to network and establish rapport with organizations and their key personnel. This generally leads them to accessing job opportunities in the organizations on completion of the course work.

Students have done internship in few healthcare facilities like:

Apollo hospitals, Banergatta Bangalore; Fortis Hospital Delhi; Narayana Health, Bangalore, ASTER group of hospitals to name a few

### Research in the MHA Programme

MHA Programme under Prasanna School of Public Health (PSPH), over the years, through its faculty has been engaged in many National and International Academic, Governmental, Non-governmental Industries engaged in healthcare delivery. The department conducts national and international level conferences/ workshops and seminars in the field of modern management, healthcare IT and Quality and sustainability in healthcare. The faculty members are associated with several intramural research activities conducted in Kasturba Hospitals. Few of the faculty are also involved in Health Literacy and Health technology assessment activities.



## Leadership in Public Health

### Duration

One year

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

**Last date to apply:** 31.07.2022

**Commencement of Classes:** 05.09.2022

### Course Overview

The Leadership in Public Health certificate course is a collaborative effort by national and international public health and management leaders from Prasanna School of Public Health, Manipal Academy of Higher Education and The George Institute for Global Health ([www.georgeinstitute.org.in](http://www.georgeinstitute.org.in)), New Delhi

The course curriculum integrates and illustrates both theories and practices through hands-on activities and a dedicated mentoring plan to enable future leaders looking to take the next step in the healthcare delivery, to contribute positively and spearhead programmes to improve health of the population.

By the end of the course, students will have their own personal development plan to leap ahead in leadership career in Public Health

### Course Objectives

- Understand adaptive leadership models and skills to survive and grow in your career path.
- Experience first-hand peer mentorship from health leaders and create your own development plan
- Use tools to strategize decision making in health, impacting different cultures and changing regulatory environments.
- Examine different practices in health to manage large programmes involving multiple stakeholders.
- Develop skills in effective communication.

### Program Description

The duration of the course is one year. The course involves two face-to-face sessions at Manipal Academy of Higher Education, each session is for a week. Rest of the course will be delivered using an online platform

### Key themes

- Public Health systems, operations and strategic leadership tools.
- Leadership and effective communication.
- Leadership in health systems policy and setting health agenda.
- Management skills in leadership.

### Course assessment

- Advancement in current position/role
- Building and leading interdisciplinary teams
- Expand professional networks; build cross-sector partnerships/collaborations and relationships

- Identify leadership style and customize personal development plans
- Become dynamic and effective public health professional/leader

### Career Prospects

MCH Alumni have gone on to have successful careers in media, publishing, education, NGOs, arts management, and doctoral programs in prestigious international and Ivy-league universities.

### Point of contact

Prasanna School of Public Health (PSPH)

Email: [publichealth.mu@manipal.edu](mailto:publichealth.mu@manipal.edu)

Ph: 0820 2923157





# DEPARTMENT OF DATA SCIENCE [DoDS]

Formerly known as the Department of Statistics, it was established as the first teaching department of MAHE in the year 2006.

## Programmes Offered

Department of Data Science under the Prasanna School of Public Health envisions excellence in teaching and research in different areas of applied statistics. This department aims to provide superior academic ambience and support to faculty members to work in frontier areas of research in both theoretical and experimental statistics. It also imparts analytical knowledge through rigorous and well planned MSc programmes aimed to nurture the recipients develop strong methodological foundations in applied statistics. The department offers three post-graduate programmes namely; MSc Biostatistics (since 2007), and MSc Data Science (since 2019) and MSc Digital Epidemiology (2021 onwards). It also offers a doctoral (PhD) programme apart from statistical consultancy services for the academia and industry. Further, it supports course delivery of research methodology, biostatistics and big data analytics offered by other constituent units of MAHE. The department offers a Certificate Program in Biostatistics, Research Methodology and Epidemiology. It also regularly organizes training programmes/ workshops/ seminars on various topics in Statistics and data analysis using statistical software. With a long history in teaching and research, the department has well established collaborations with organizations of national and international repute.

## Infrastructure

The department has state of the art computational facilities for training and research with the aid of SAS, STATA, SYSTAT, IBM SPSS, CRAN R, Python, Hadoop, Spark, EpiInfo, Review Manager, Latex and EndNote.

## Curriculum Highlights

- Curriculum incorporates the needs of the industry and research facilities at the global front
- The department has incorporated the newly introduced outcome based education and learning paradigm into its curriculum
- As per the National Education Policy 2020, the department has initiated modular teaching for all the post-graduate programmes w.e.f. the academic year 2021-22. This will prepare students to shine in any career of their choice
- Strengthened student-industry interaction during the programme will enhance student employability
- Opportunities through statistical consultancy services offered by the Department enables the student to understand, analyse and interpret real data
- Opportunities for internship/ placement in academic/research institutions through collaborations at the department level
- Assistance is provided to students to attend workshops, conferences and competitions along with encouragement to participate in extracurricular activities

## Faculty Competency

The department has nine teaching faculty with multidisciplinary expertise. Seven of the faculty have completed their doctorate, and the remaining two are pursuing PhD. The faculty are active members in editorial boards, curriculum committees and assessment committees of reputed institutions. All the faculty handle statistical consultations and provide analytical guidance for projects.

## Internships and Placements

Placement assistance is provided for successful students in multi-national corporates and academic/research institutions of high repute at the national and international level. Our alumni work as Biostatistician/SAS Programmer/ Data Scientist in renowned industries and medical colleges. We are proud to have an excellent alumni network and placement record. Following are a few organizations in which our alumni are employed.



## Academic Institutions



## Collaborations

- The department trains the associates of Novartis Health Care Pvt. Ltd., Hyderabad. Five batches of associates from Novartis have been trained since 2011
- The department started Ph.D. programme in collaboration with Novartis Health Care Pvt. Ltd., Hyderabad and Glaxo Smith Kline Pharmaceuticals Ltd, Bengaluru
- The department has collaboration with various national and international organizations namely, Indian Statistical Institute, New Delhi; School of Population Health, University of Melbourne, Australia; Robert Gordon University, Scotland; Madras Diabetes Research Foundation, Chennai; Indian Institute of Public Health, Gandhinagar; Public Health Foundation of India, New Delhi; University of Groningen, The Netherlands and Tata Institute of Social Sciences, Mumbai

## Research

In last fourteen years, the department attracted funding of more than `40 million independently and `100 million in association with other departments from agencies like Indian Council of Social Science Research, Baba Atomic Research Centre, Indian Council of Medical Research, Department of Science and Technology, Department of Biotechnology, World Health Organization, International Clinical Epidemiology Network, and Department for International Development.

The department faculty contributed in publishing books and are members in editorial boards of various national and international journals. The faculty and research scholars of the department have published over 400 journal articles and 4 books.

## Research Excellence in Numbers

Since 2017	
Journal & Publications	173
Books Published Conferences Paper	03
Workshops/Seminars Participations	114
Workshops organised by the Department	12
Ongoing Research Projects	6
Student Projects	52
Ph.D. Completed	10

## Alumni advancement towards doctoral education

Few of our distinguished alumni are currently pursuing their doctoral studies in reputed international and national universities.



## Statistical Consultancy

Department of Data Science offers statistical consultancy services to the faculty, researchers and students of different constituent units of MAHE and other institutions including the industry. As part of the curriculum, students under the guidance of faculty are trained to cater to various aspects of the research process.

This will enable the student to develop:

- an awareness on the statistical consultation process and the associated problem-solving methodology on real data
- oral and written skills to communicate research findings.
- skills for research dissemination

## MSc Biostatistics

### Duration

2 Years

- 1st Year - Academic Teaching.
- 2nd Year - Research Project and Internship.

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

**Last date to apply:** 31.05.2022

**Commencement of Classes:** 01.08.2022



### Program Description

This programme emphasizes on a variety of statistical and computational methods for application in medicine, health sciences, life sciences, public health apart from pharmaceutical industry. To familiarize the student with real life situations, tutorials and self-learning exercises are included in the theory courses. The practical courses help students apply their acquired analytical knowledge with hands on experience in statistical software such as R/SAS/STATA/SPSS/Epiinfo.

The program involves one year of regular classes under the modular teaching paradigm wherein the students get an opportunity to gain expertise in 20 different industry-relevant courses. The second year is devoted to internships and strengthening research along with data-centric problem solving capabilities.

The second year of the program will thus, enable the student to gain expertise in independently tackling practical problems related to collection, design, analysis and interpretation of data

### Seminar and Journal Presentation

With an intention to motivate research aptitude, update on recent advances, pedagogy and communication skills, students present specific topics and journal articles frequently under the guidance of faculty for which they will earn credits.





### Focus

The aim of the programme is to foster an interest in biostatistics and nurture students to emerge as professional biostatisticians as required by government/private sector research, health care settings and industry. The programme is also aimed to nurture students develop into skilled professionals who can apply statistical principles, processes and analytical methods to design, implement and analyze health related studies including both experimental (clinical trials) and observational (epidemiological) studies.



### Career Prospects

With over a decade-long history in the academia, this Department has always been working closely with the industry and research institutions. Through a great range of employability initiatives including internship collaborations and unlimited access to MOOCs, we ensure that our degrees are in toe with the dynamic needs of the industry as well as academia. We are dedicated to making our students employable without compromise on strengthening their conceptual knowledge; both of which play a significant role in careers in research and industry. We are proud of our Alumni who have weaved success stories in renowned industries and research institutes much in line with our belief: "World Wide Manipal."



## MSc Data Science

### Duration

2 Years

- 1st Year - Academic Teaching.
- 2nd Year - Research Project and Internship.

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

**Last date to apply:** 31.05.2022

**Commencement of Classes:** 01.08.2022



### Program Description

This programme emphasizes on practical techniques for working with large-scale data. Specific topics covered include statistical modeling and machine learning, programming languages such as SAS, CRAN R, Python, Hadoop, Spark along with real world topics and case studies. The theory courses are delivered through classroom teachings, tutorials, and self-learning, whereas practical courses are with computer exercises.

The program involves one year of regular classes under the modular teaching paradigm wherein the students get an opportunity to gain expertise in 20 different industry-relevant courses. The second year is devoted to internships and strengthening research along with data-centric problem solving capabilities.

The second year of the program will thus, enable the student to gain expertise in independently tackling practical problems related to collection, design, management, exploration, analysis and interpretation of data/big data.

### Seminar and Journal Presentation

With an intention to motivate research aptitude, update on recent advances, pedagogy and communication skills, students present specific topics and journal articles frequently under the guidance of faculty for which they will earn credits.



### Focus

The M.Sc. Data Science programme is devoted to the specialized training in analytical statistics as applied to computational and biological sciences. It aims to nurture the recipients develop as statistical programmers with productive careers in corporate sector through

- strong methodological foundations in analytical statistics
- versatile training in handling statistical consultations
- competency in the usage of appropriate techniques, skills, and tools necessary for data science



### Career Prospects

The Department of Data Science has always walked ahead of times with a keen eye on the dynamic nature of developments in biological and decision sciences. The MSc Programme in Data Science offered at the department is a perfect blend of machine learning, big data analytics, statistics and the biological sciences. This offers inter-disciplinary expertise leading to abundant opportunities across various facets of the corporate sector as well as the academia. With growing demand for inter-disciplinary research, our students who are well-equipped with theoretic and practical knowledge will shine with success stories at the academic and non-academic front across the globe.



## MSc Digital Epidemiology

### Duration

2 Years

- 1st Year - Academic Teaching.
- 2nd Year - Research Project and Internship.

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

**Last date to apply:** 31.05.2022

**Commencement of Classes:** 01.08.2022

### Program Description

This programme emphasizes on practical techniques for working with large-scale epidemiological data. Specific topics covered will include data management, digital infrastructure, communication and monitoring with focus on statistical modelling and machine learning, programming languages such as CRAN R, Python, Hadoop, Spark along with real world topics and case studies.

The program involves one year of regular classes under the modular teaching paradigm wherein the students get an opportunity to gain expertise in 20 different industry-relevant courses. The second year is devoted to internships and strengthening research along with data-centric problem solving capabilities.

The second year of the program will thus, enable the student to gain expertise in independently tackling practical problems related to collection, design, management, exploration, analysis and interpretation of data/big data.

### Seminar and Journal Presentation

With an intention to motivate research aptitude, update on recent advances, pedagogy and communication skills, students present specific topics and journal articles frequently under the guidance of faculty for which they will earn credits.

### Focus

The MSc Programme in Digital Epidemiology offered at the Department of Data Science aims to build competencies in designing efficient and scalable algorithms for processing, mining and analyzing dynamic and large-scale epidemiologic/non-epidemiologic data. The programme aspires to achieve data-driven, evidence informed policy impacts for the benefit of the global community by nurturing the students with inter-disciplinary expertise through

- Methodological expertise in big data analysis and its applications
- Strong methodological foundations in multi-disciplinary facets of epidemiology
- Data driven evidence based research and development using advanced computational capabilities



### Career Prospects

The Department of Data Science has always walked ahead of times with a keen eye on the changing dynamics of multi-disciplinary research and expertise. The MSc Programme in Digital Epidemiology introduced in this academic year offers a flavour of multi-disciplinary proficiencies leading to abundant opportunities in the domains of healthcare technology, e-health governance, policy think tanks along with research and academia. Our students who are well-equipped with theoretic and practical knowledge will shine with success stories at the academic and non-academic front across the globe.



# MANIPAL INSTITUTE OF VIROLOGY

## [MIV]

Manipal Institute of Virology (MIV), erstwhile known as Department of Virus Research or Manipal Centre for Virus Research, Manipal Academy of Higher Education was established on 1st May 2010 by upgrading the virology laboratory of the Department of Microbiology, Kasturba Medical College, Manipal into a university department.

MIV received the National Accreditation Board for Testing and Calibration Laboratories (NABL)

accreditation status on January 5, 2021, signifying quality and competence in medical testing facilities in accordance with the standard ISO 15189:2012. It is the one and only virus diagnostic laboratory in India with several serological and molecular tests included in its scope. MIV is also registered under the Karnataka Private Medical Establishment (KPME) (Amended) Act and Rules 2018 for providing medical services as a Medical Diagnostic Laboratory under Allopathy system of medicine. Currently, MIV is the Apex Referral Laboratory for Dengue, Japanese Encephalitis and Chikungunya under the National Vector Borne Disease Control Programme (NVBDCP), Ministry of Health and Family Welfare (MoHFW), Govt. of India. MIV is also a Center of Excellence as awarded by the Global Virus Network.



MIV has a biosafety level 2 (BSL-2) laboratory with the state-of-the-art infectious disease diagnostic facility, a blend of classical and advanced methods, that provides the capability to detect forty plus (40+) viruses through a spectrum of serological (ELISA), molecular (Real Time PCR) and antigen detection assays.

The institute enjoys excellent working relationship with national, state and district public health services across the country. MIV also has strong collaborations with international institutions. MIV has the uniqueness of hosting a public service programme on a private platform and in a short span of time it has proven to be one of the best public private partnership towards the development of public health infrastructure in the country.

MIV has a library with a varied collection of books, journals and other scientific study materials in microbiology, virology, public health, biosafety and biosecurity.

### ► Infrastructure and Facilities

MIV is primarily a biosafety level 2 laboratory and research centre. The laboratory has been constructed by strictly adhering to the biosafety level norms outlined by the Indian Council of Medical Research (ICMR) and Department of Biotechnology (DBT), MoHFW, Govt. of India. MIV provides support to the health departments of several Indian states with viral disease diagnosis, surveillance and outbreak investigation through its various projects.

### ► Research Excellence (for last five years):

MIV, as one of the best virology institutes in India, has the platform for cross-cutting, in-depth research in the field of Influenza viruses, Herpes simplex viruses, Enteroviruses, Human Papilloma Viruses, Dengue viruses and Chikungunya viruses. MIV undertakes research in thrust areas targeting improvement in clinical diagnosis of diseases, infectious disease surveillance and epidemiology including molecular epidemiology of emerging and re-emerging viral diseases, developing various

strategies for newer and alternative treatment modalities, platforms for testing antivirals, immunological profiling of viral diseases and development of diagnostic kits and vaccines. Research on advanced molecular diagnostics and pathogen discovery employ advanced techniques such as sequencing, Next Generation Sequencing (NGS), and Luminex multiplex serology. Disease awareness and community-based studies such as outbreak investigations, in coordination with the government public health departments, are some of the other key activities that extend ample research opportunities.

### Research Excellence in Numbers

Projects Completed	24
Projects Ongoing	4
Publications	88 publications in reputed journals
Nos. of PhD completed	5
Nos. of PhD ongoing	6

### ► Recognitions or Accreditations

- NABL accredited laboratory in accordance with ISO 15189:2012.
- Registered under KPME Act and Rules 2018 for providing medical services as a Medical Diagnostic Laboratory.
- Centre for Excellence under Global Virus Network.
- NVBDCP Apex Referral Laboratory for Dengue, Japanese Encephalitis, and Chikungunya, MoHFW, Govt. of India.
- Grade-I Virus Research and Diagnostic Laboratory under ICMR, MoHFW, Govt. of India (2010-2019).
- Regional Reference Laboratory for Influenza Virus under the Integrated Disease Surveillance Programme, MoHFW, Govt. of India (2009-2021).

### ► Collaborations & Partnership

#### National

- Indian Council of Medical Research (ICMR), MoHFW, Govt. of India.
- All India Institute of Medical Sciences (AIIMS), Bhubaneswar, MoHFW, Govt. of India,
- Christian Medical College (CMC), Vellore
- Institute of Life Sciences, Bhubaneswar, Odisha
- Institute of Nuclear Medicine & Allied Sciences (INMAS), Defence Research and Development Organisation (DRDO), New Delhi
- Integrated Disease Surveillance Programme (IDSP), MoHFW, Govt. of India.
- International Centre for Genetic Engineering and Biotechnology (ICGEB), New Delhi
- National Institute of Immunology (NII), New Delhi
- National Centre for Disease Control (NCDC), MoHFW, Govt. of India.
- National Institute of Mental Health and Neuro-Sciences (NIMHANS), Bangalore
- Indian Institute of Technology, Mumbai
- National Vector Borne Disease Control Programme (NVBDCP), MoHFW, Govt. of India.
- Postgraduate Institute of Medical Education and Research (PGIMER), Chandigarh
- All India Institute of Medical Sciences (AIIMS), New Delhi
- Topiwala National Medical College (TNMC), Mumbai
- Translational Health Science and Technology Institute, Gurgaon

#### International

- The Wistar Institute, University City, Philadelphia, Pennsylvania, USA
- University of Minnesota, Minneapolis, USA
- University of Lille 2, Lille, France
- University of Pittsburgh, Pennsylvania, USA
- Karolinska Institutet, Stockholm, Sweden



- WHO Collaborating Centre for Influenza Reference and Research at the Victorian Infectious Diseases Reference Laboratory (VIDRL), Melbourne, Australia
- World Health Organization (WHO)-India Office

### Student Exchange Programs

- Australian National University, Canberra, Australia
- University of Lille 2, Lille, France
- Public Health England (PHE), London, UK

### Placements

Sixty two students have successfully completed the MSc Clinical Virology program and forty seven have been recruited by different health and research organizations of national and international repute.

### Highlights of the MSc Clinical Virology Program

The unique features of the MSc Clinical Virology program include:

- Competency-based curriculum
- Credit-based system at par with international universities
- Extensive practical and field exercises
- State of the art virological techniques
- Syndromic approach to diagnostic virology
- Epidemiology and public health orientation
- Strong research-based approach
- Clinical and laboratory rotation
- Institutional and industrial rotation
- Opportunities to pursue PhD from foreign universities

## Master of Science M.Sc. (Clinical Virology)

**Duration**  
2 Years (4 Semesters)

**Eligibility Criteria & Admission Process**  
Refer **Section 2**

**Course Fees, Hostel Fees, Refund Rules**  
Refer **Section 3**

**Last date to apply:** 15.05.2022

**Commencement of Classes:** \_\_\_\_\_

### Program Description

M.Sc. Clinical Virology is a two-year full time postgraduate programme designed with a public health orientation and involves extensive laboratory, and classroom teaching besides field visits for disease outbreak investigations and epidemiological studies.

### Focus

The programme aims at practical training of students in latest and technologically advanced instruments for diagnostic and research work useful in health, diagnostics, industrial, and academic sectors. Concepts of biosafety practices, outbreak investigations, clinical virology, etc., are also introduced, updated and strengthened through this programme. Observation, communication, analysing information, problem-solving, critical thinking, logical reasoning, and perseverance are a few skills inculcated in the students during the programme.



### Career Prospects

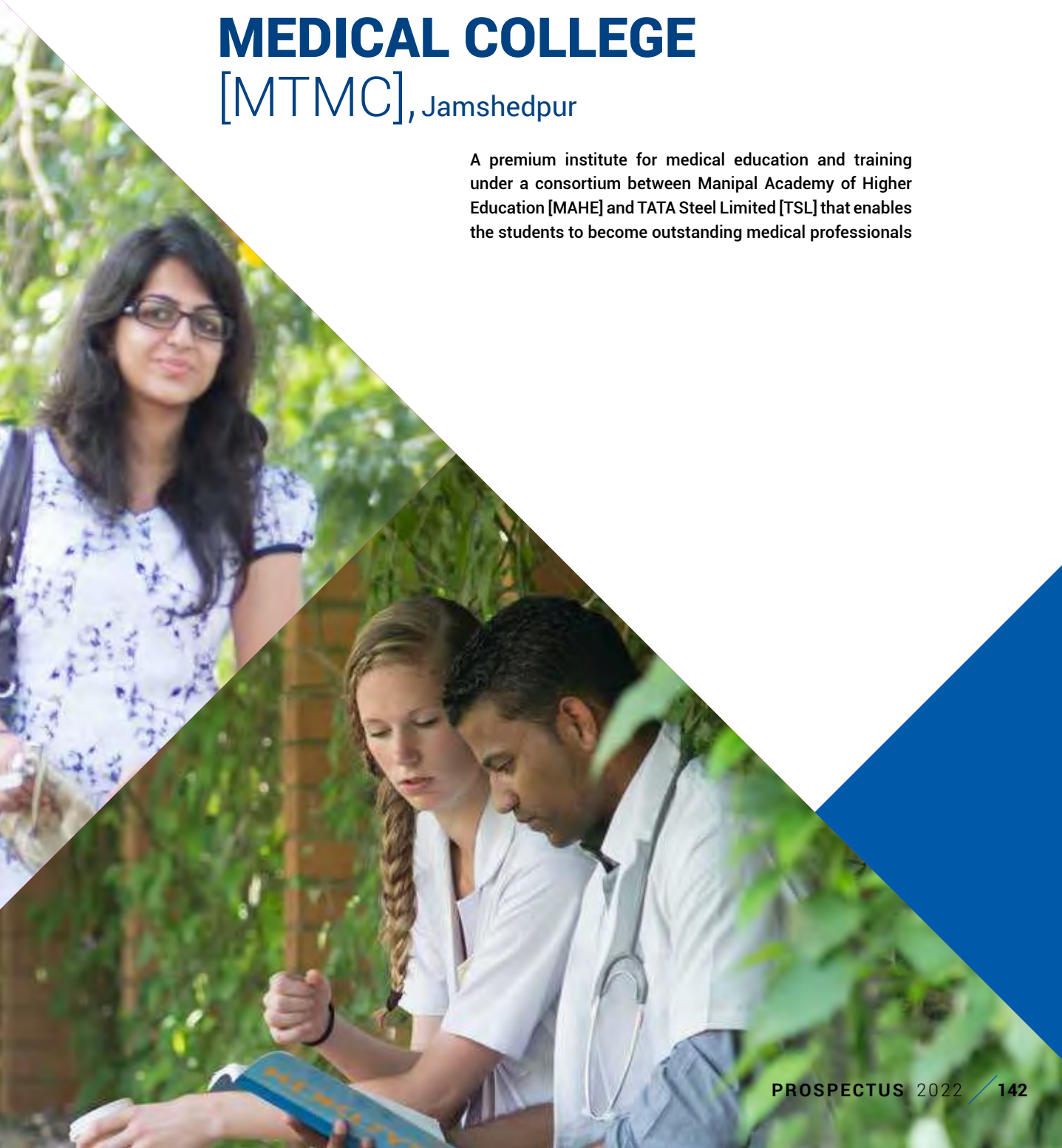
MIV graduates have been employed in various reputed research centres, medical colleges, and diagnostic laboratories across the country and abroad. Career options for higher research are also promising as reflected from the number of alumni enrolled for PhD programmes in international institutes such as Institute of Clinical Research of Montreal, Canada; Nagasaki Wesleyan University, Japan; Queensland Institute of Medical Research, Australia; United Arab Emirates University, UAE; University of Nebraska Medical Centre, Nebraska, United States, University of Glasgow, Scotland; and Imperial College, London; University of Turin, Italy.





# MANIPAL TATA MEDICAL COLLEGE [MTMC], Jamshedpur

A premium institute for medical education and training under a consortium between Manipal Academy of Higher Education [MAHE] and TATA Steel Limited [TSL] that enables the students to become outstanding medical professionals



## About us

### Campus

Manipal TATA Medical College (MTMC) Jamshedpur, is the first private-private partnership initiative in health sciences. A collaborative venture between the Manipal Academy of Higher Education (MAHE) and TATA Steel Limited (TSL), the college is located at Baridih, Jamshedpur, in the east Indian state of Jharkhand. Manipal TATA Medical College, Jamshedpur was established in 2020. MTMC, Jamshedpur is spread over 20 acres of land and is recognized by the National Medical Council (NMC) / the erstwhile Medical Council of India (MCI) for an intake of 150 MBBS students annually. MTMC is under the umbrella of the Manipal Academy of Higher Education (MAHE) that became deemed to be University in 1993.

TATA Main Hospital (TMH), the first hospital of Jamshedpur started in 1908 by Tata Steel. It is now one of the largest hospitals in Jharkhand with 983 beds. TMH is assigned as the teaching hospital for the clinical training of MBBS students. TMH has a footfall of over 16.5 lakh OPD patients and 60000 admissions annually, with year-on-year increase of customer satisfaction and advocacy measured through a robust Net Promoter Score (NPS) methodology. There are 7 clinics supported by TMH spread across Jamshedpur to provide primary healthcare services. The hospital also serves as a teaching institute with DNB courses offered in a number of specialties.

## Infrastructure highlights

### Classes

There are airconditioned lecture halls and demonstration rooms with audio-visual aids along with live video capturing system 'Impartus'. Didactic lectures are recorded and posted for students reference. E-learning management portal assists students in accessing the class presentations, participate in online quiz, submit self- directed and case-based learning assignments and connect with their teachers personally. Objective Structured Practical/Clinical Examination for assessment along with use of Exam Pad for written exams has been widely lauded by students.

### Museum

The Museum of Anatomy has well-preserved specimens of the human body from head to toe. A section on comparative anatomy houses the skeletons of various other animals, and carefully crafted models and charts augment the entire experience.

## Libraries

MTMC Health Sciences Library is spreadover 1200 sq. metres, spanning 2 floors and can accommodate 300 students at a time. The Health Science Library provides services like-Learning, Reference Service, Current Awareness Service, Audio-Video Viewing, Internet Access Wi-Fi and more.The library is centrally air conditioned with collection of around 4000 books and adequate bound volumes of journals. Besides traditional carriers of information such as books and journals, the library is well equipped with all modern facilities such as, online journal /books and databases. The library subscribes to 10 online databases such as UpToDate, Clinical Key, Scopus, Web of Science. The library is fully automated with library software. The library aims to acquire Health Sciences Information and provide timely, accurate and current information and documents to its users for their teaching, research and academic achievements.



### Laboratories

MTMC has well-equipped air-conditioned laboratories for Anatomy, Physiology, Biochemistry, Microbiology and Pathology, among others to help the students develop psychomotor skills which are very essential for the effective practice of medicine. These state-of-the-art labs provide excellent hands on training to students. We also have an innovative, modern clinical skills lab where students are trained on various physical skills related to various organ systems, preparing them for real patient encounters. The skills lab imparts training to all students in basic and advanced life support skills. Most of the diagnostic tests are conducted by fully automated, advanced instruments and are monitored by strict quality control and quality assurance programme.

### Simulation Centre

The Medical Simulation Centre at MTMC is equipped with manikins (anatomical models of the human body, used in teaching the art of medicine and medical equipment). The centre enables students gain the experience and insights that are best learned in realistic conditions. These simulations focus on training medical students and health professionals about what to expect and more importantly, how to react.

## Bachelor of Medicine & Bachelor of Surgery (MBBS)

### Duration

4 ½ years plus 1-year compulsory internship.

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

### Last date to apply:

Refer NEET 2021 guidelines

### Commencement of Classes: 14.02.2022



### Program Description

MBBS is an Under Graduate (UG) professional course designed to train students in all fields of medicine and surgery such that students become competent, compassionate, and caring physicians through excellence in teaching, patient care, and medical research. The course spans for four and a half years, followed by a compulsory internship for a year. The course is regulated by the governing body and adheres to the prescribed competency based medical education (CBME) curriculum.



### Focus

The program focusses on Preclinical (Anatomy, Physiology and Biochemistry), Para-clinical (Pharmacology, Pathology, Microbiology, Forensic Medicine, Community Medicine) and Clinical (Oto-rhino-laryngology, Ophthalmology, Dermatology, Paediatrics, General Medicine, General Surgery, Obstetrics & Gynaecology, Radiology, Anaesthesiology) subjects.



### Career Prospects

After completing this course, students get to work in capacities of a General Physician, medical officer and also pursue postgraduate studies and clinical research.





# FACULTY OF SCIENCE, TECHNOLOGY & MANAGEMENT



# MANIPAL INSTITUTE OF TECHNOLOGY [MIT]

One of the top ranked engineering institutions in the country, MIT stands true to its legacy of excellence in research and innovation.





#4

Ranked 4th among the Private Engineering Colleges in India

Source: Education World, Private Higher Education Rankings 2021

#11

Ranked 11th among the Private Engineering Colleges in India

Source: Outlook 2021

#4

Ranked 4th among the Private Engineering Colleges in India

Source: The Week 2021

#3

Ranked 3rd among all private Engineering Colleges in India

Source: India Today 2021

#51

Ranked 51st among all Engineering Colleges in India

Source: NIRF India Rankings 2021

### ► About the Institute

Manipal Institute of Technology (MIT), Manipal was established in the year 1957 as one of the first pioneering self-financing engineering colleges in the country. With a total student intake of about 2000 per year, and around 10,000 students, over 638 faculty members, over 1000 supporting staff, over 30,000 alumni, the institute provides the right ambience and platform for the students' all round development. MIT has 18 Under Graduate programs, 26 Masters programs and Doctoral programs in all streams of Engineering and Science under 18 departments. To promote innovation, incubation and entrepreneurship, the Innovation Center at MIT houses Manipal Universal Technology Business Incubator (MUTBI) and Central Instrumentation Facility (CIF).

### ► Advantage MIT

- Multicultural Campus with student representation from every state of India
- Flexible curriculum with opportunity for B.Tech. Honours, and Minor Specialization
- Large basket of Open Electives to cater the wide interest of students
- Major student projects to address experiential learning
- Innovation Center to nurture student Innovation
- Manipal Universal Technology Business Incubator to support student entrepreneurship

- Prospect to work on funded research projects and support for student publication
- Opportunity for study abroad (few months, a semester, or a year)

### ► Recognitions

- Approved by All India Council for Technical Education (AICTE)
- Approved QIP Center for M.Tech./ PhD programs

### ► International Partner Universities

- Charles Sturt University, Australia
- Trinity College Dublin, Ireland
- Aarhus University, Denmark
- Academia Higher Education Colleges, Slovenia
- Ariel University, Israel
- Arkansas State University, USA
- Bolgatanga Polytechnic, Ghana
- Cape Coast Polytechnic, Ghana
- Chemnitz University Of Technology, Germany
- Cranfield University, UK
- Curtin University, Australia
- Deakin University, Australia
- Ecole Nationale Supérieure Mines Telecom Lille Douai (Imt Lille Douai), France
- EFREI, France
- Efrei Groups Engineering School, France
- EPITECH, France
- ESIGELEC - School Of Engineering Rouen, France
- ESME Sudria Engineering School Paris, France

- ESTACA University, France
- Federal University of Minas Gerais (UFMG), Brazil
- Florida International University, USA
- Heriot-Watt University, UK
- Hochschule Bremen, City University of Applied Sciences, Germany
- HU University of Applied Sciences Utrecht, Netherlands
- Illinois Institute of Technology, USA
- Istanbul Sehir University, Turkey
- Jeju National University, Korea
- Karabuk University, Turkey
- King Mongkut's University of Technology, Thailand
- Koforidua Technical University, Ghana
- Kumasi Technical University, Ghana
- Kyushu Institute of Technology, Japan
- Leibniz Universität Hannover, Germany
- Macquarie University, Australia
- Meiji University Tokyo, Japan
- Northeastern University, USA
- Osaka Institute of Technology, Japan
- Reseau Figure - The Figure Network Association, France
- Royal Melbourne Institute of Technology, Australia
- Southern Illinois University, USA
- Sunyani Technical University Sunyani, Ghana
- SUP Biotech, France
- Takoradi Technical University, Ghana

- Technische Hochschule Nurnberg, Germany
- Tel Aviv University, Israel
- Texas Tech University, USA
- The Catholic University of The North, Chile
- Steven Institute of Technology, USA
- The University of Melbourne, USA
- The University of Nottingham, UK
- The University of Sheffield, UK
- The University of Texas, Arlington (Utah, USA)
- TUHH, Germany
- Turiba University, Latvia
- Ucam Universidad Catolica San Antonio De Murcia, Spain
- Umea University, Sweden
- Unicamp, Brazil
- Universitat Politecnica de Catalunya, Spain
- Universiteit Antwerpen, Belgium
- University College Cork, UK
- University of Sydney, Australia
- University of California, Riverside, USA
- University of Cape Town, South Africa
- University of Dayton, USA
- University of Deusto, Spain
- University of Groningen, Netherlands
- University of Kentucky, USA
- University of Memphis, Tennessee
- University of New South Wales, Australia
- University of Newcastle, Australia
- University of Nicosia, Cyprus
- University of North Texas, USA
- University of Passau, Germany
- University of Pecs, Hungary
- University of Queensland, Australia
- University of Strathclyde, UK
- Wright State University, USA

### Partner Universities for Student Exchange

Students of MIT, Manipal participate in International student exchange programs in both technical and cultural fields. The exchange programs range from doing a technical internship in a partner university, and

an exposure to industrial knowhow to being cultural ambassadors across the globe. The internship period varies between 1 month & 6 months.

MIT also facilitates Semester Abroad Program (SAP) for UG and Year Abroad Program (YAP) for PG students with International Scholarships (for PG only). UG students have options to apply for scholarships under DAAD, DAAD (WISE,) Raman - Charpak, ERASMUS etc

The Institute has significant presence of international student chapters of IAESTE, an International NGO and AIESEC. Students of MIT, Manipal have successfully completed traineeships abroad in firms like Alstom, ABB, Schlumberger, Robert Boch, Airbus and many others. A number of students have secured summer internships in Universities across the world such as Purdue University, Carnegie Mellon University, Imperial College, London and others.

### Research

Manipal Institute of Technology (MIT), Manipal encourages research, innovation, research publication, patent filing and technology commercialization at undergraduate and postgraduate level.

MIT has collaborative and interdisciplinary research programs in association with premier research laboratories and has secured research grants from government (both state and central), industries and international funding agencies. The faculty members are working on multiple research projects supported by a number of funding agencies such as Department of Science and Technology (New Delhi), Ministry of Environment and Forests (New Delhi), Department of Atomic Energy, AICTE (New Delhi), Vision Group on Science and Technology (VGST) Karnataka, Department of Biotechnology (New Delhi), Defence Research and Development Organization (New Delhi), Industries and MAHE.

### Research Output

No. of PhDs Awarded (after 2005)	262
No. of Research Scholars (ongoing)	349
No. of PhD guides / Co-guides	268
Sponsored Research projects (ongoing)	38
Research Grant (till date)	25 crores
No. of Patents Filed (after 2009)	38
No. of Patents Granted	10
Total No. of Publications - Journal and Conference papers	5735

### UG & PG Engineering - Placements & Internship Recruiters

#### Core Engineering

ABB, Accolite, AdityaBirla, Adani, AMD, ARM, Allegion, Allgo Embedded, Altair, Amada, Analog Devices, Anglo eastern, ARM, Array strom, Anand group, Aurobindo Pharma, Apollo tyres, Applied Materials, Aavishk Buildtech, Ashok Leyland, Barsys, Baxter, Bajaj electricals, BASF, BOSCH, Beckman Coulter, Bharath Electronics (BEL), Bharath Forge, Bitmapper, Cactus, CD Controls, Cloud Bash, Crompton Greaves, Cardinal Health, Continental AG, Collins Aerospace, Cipla, Cummins, Cypress, Daimler, Danaher, DXC tech, Dyson, Danske IT, Dr. Reddy's Lab, Emirates Printing, EFI, Ericsson R & D, Edgeverve, Exxon mobil, Everest blowers, FalcoEMotors, FIAT, Forbes Marshall, GE, Glaxo(GSK), General motors, Glatt Systems, Hero Motos, Honda Motors, Honeywell, Hyundai, HPCL-Mittal energy, ITC, Infineon Tech, Infosys, Intel, Increff, India Bulls, Ingersoll Rand, IOCL, JSW, Jubilant, Jiva Sciences, KEF Infra, Kloudgin, Kohler, KPIT, Sobha developers, Just Energy, JSW, KPIT, L & T construction, Lal Path Labs, L & T Tech., Lufthansa, M & M, Mahindra Susten, Maruthi Suzuki, Marvell Semiconductors, Mercedes Benz, MScripts, Microchip Tech, Microsemi,

MRF, MTR Foods, Micromatic Machine Tools, My Gate, Multiplex, Nokia, NXP semiconductors, Nestle, Nvidia, Novartis, Osaram, Philips Innovation, P & G, Qualcomm, Quest Global, Reliance Industries, Renault Nissan, Robert Bosch, RR Donnelley, Rambus, Rescon Partners, Rakuten, Royal enfield, WDC(sandisk), Sabic, Std. Chartered, Sankalp Semiconductors, Schneider Electric, Seagate, Siemens, Signify, SRF, Sravathi Technologies, Shell, Skanray, St. Microelectronics, Statkraft BLP, SUBEX, Sun Pharma, Suez Waters, Sunlux tech, Sun pharma, Syncolite, Syngene International, Saint Gobin, Sharada Motors, Sterlite, Tata Motors, Tata Technologies, TASL, Tata power, Tata Electronics, Tata Metaliks, Textron, Texas Instruments, Titan, TORRECID Middle east, Total Environment, Trilux, Toyota Kirloskar, Umlaut, UBS, UTC Aerospace, Uniliver, VEPL, VE Commercial Vehicles, VTOL, Varroc, Wellsfargo, Whizchip, WORKZ Dubai, Volvo, Wipro, Whirlpool, Yamaha Motors, 42 gears mobility, Zeigler Aerospace etc. Tata Steel, TE Connectivity, Tetra Pak

#### Core IT

AKS Software, Accolite, Accruent, Adobe Systems, Amadeus Labs, Aruba, Abyeti Technologies, Akamai, American express, Allgo Systems, Avalon Labs, Blue Birch, Bank of America, Caliber Assurance Services, Capgemini, Cerner, CDFI, Cisco, CGI, Citrix, Century Link, Cohesity, Coforge, Commvault, Commscope, Clourera, Cronj IT, Data team, Directi, DSP Tech, Dell, Deltax, DBOI, Doodle Blue, EFI, E infochips, Endurance, Embitel, EMC, Fastnal, Falabella, Fidelity, Fire eye, Gyan Labs, JLL. HPE, HPI, Horton works, HSBC Electronics Data Processing, Hevodata, HashedinTech, Honeywell, Kimberly Clark, Natwest, NTT data, IBM, ICICI, Infosys, Intellect Design, Inmobi, Instamojo, Insta Base, Intel, JDA Software, Juniper Networks,, Marvell, MAQ software, Microfocus, McAfee, Mckinsey, Microsoft, Morgan Stanly, Myntra, Netskope, Netapp, Mphasis, Mindtree, NIIT Tech., NCR, Nokia, NSE Tech, Noodle AI, Nuclei, Nutanix, Nvidia, One Direct, Optum, Oracle, OYO, Pepper cloud, Resideo, Quintiles, Quantiphi, Quotient,

Robosoft, Salesforce, Samsung, SAP, Searce, SEMONEX, Springrole, Siemens Tech, Symantec Software , Synopsys, Taal Tech, Temenos, Tejas Networks, TITAN, Toshiba, TIF labs, Ugam solutions, Ubisoft. UST Global, UIDAI, VM Ware, Value Labs, Vodafone, Valtech, Vunet, Visteon, Virtusa, Winzit tech, Zinnov, Zensar etc.

#### Multi-Disciplinary Opportunities

Accenture, Amazon, AB in Bev, ATOS, Axxela Advisory, Analytics quotient, Anarock analytics, Bajaj Finserv, Bain consulting, Boston consulting, Black Rock, BIS Research, Clear Tax, CLIMBER, Calrivate, Cactus communication, Capgemini, Cognizant, Deloitte, Edureka, E & Y, EXL Analytics, First Source, Flipkart, Fractal Analytics, Futures First, FIS global, Ganit Consulting, Goldman Sachs, Gandhi fellowship, Gyan Labs, HCL, IBM, Infosys, Impact Analytics, Impetus, KMK consulting, Kimberly Clark, KPMG, Lam Research, L & T Tech., Manhattan Associates, Oyo, Tredence Analytics, The Math Company, Mahindra Comviva, Morgan Stanley, Mphasis, Media IQ , More Retail, Mu Sigma, Nomura, Ola cabs, Open door education, PWC, Sapient, Societe Generale, Teach for India, TCS, Think N Learn, Unschool, Whitepanda, Whitehat, Vedantu, Upgrad, ZS Associates etc.

## B.Tech. in Aeronautical Engineering

#### Duration

4 Years (8 Semesters)

#### Eligibility Criteria & Admission Process

Refer **Section 2**

#### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

**Last date to apply:** 31.03.2022

**Commencement of Classes:** 15.07.2022 (tentative)



#### Program Description

B. Tech. in Aeronautical Engineering at Manipal Institute of Technology is started with a vision to provide quality technical education and to nurture innovation and creativity in the field of Aeronautical Engineering. The Program focuses on strengthening and extending discipline-specific knowledge and skill. In general, the program comprises design and analysis of aircrafts with emphasis on Aircraft materials, Aircraft structures Aerodynamics, Propulsion, Flight dynamics and Avionics.



#### Focus

The Department promotes overall development of students in academics, research and extra-curricular activities. Students are actively involved in running different clubs, such as, Thrust-MIT, IE Aerospace, Aero-MIT, Dronaid etc. Through these clubs students participate in several competitions and win awards. During the engineering curriculum, students have to undergo internship at industry. This help to train students' in-line with the industry requirements. Students have flexibility to choose courses of their interests among four open electives and seven program electives.



#### Career Prospects

After graduation, students will have an opportunity to work in esteemed organizations, namely, General Electric, Airbus, Boeing, QuEST Global, ANSYS, Siemens etc. along with the Government organizations, NAL, HAL, ISRO, DRDO to name a few.

## B.Tech. in Automobile Engineering

### Duration

4 Years (8 Semesters)

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

**Last date to apply:** 31.03.2022

**Commencement of Classes:** 15.07.2022 (tentative)



### Program Description

B. Tech. in Automobile Engineering envisions a concrete foundation in students seeking a career in the automotive industry, through customized curriculum spanning courses on combustion technology, drive trains, alternate fuels, materials, autotronics, electric & hybrid vehicles.



### Focus

The value based education will enable the students to envisage, design, develop and fabricate automobiles. The department boasts well experienced faculty and staff, with advanced lab facilities. Newly formed state of the art Electric and Hybrid Electric vehicle lab, Toyota power train lab will act as torch bearers for the budding Automotive engineers. Aspiring students can visit foreign partner universities, which are available all across the world, for a part of their academic requirements. Students from the department can be a part of major projects such as Formula Manipal racing car, Team Manipal Racing- Off Road vehicle, solar mobile car, Autonomous car etc.



### Career Prospects

Graduates would be employable in the OEMs as well as the suppliers in the automotive industry. In addition, they can pursue their higher education/ research in the advanced automotive technology at national or international universities. The students go to leading industries like Toyota Kirloskar, Autoliv, TVS, Isuzu, Continental, Altair, IFB, Daimler Benz, Maruti Suzuki, Mercedes Benz, Eicher, Royal Enfield etc for internship during the final-year which gives them proper industrial training and exposure. Based on the performance, the internships have also been converted into placements. Leading automobile companies visit every year for the campus placements.



## B.Tech. in Biomedical Engineering

### Duration

4 Years (8 Semesters)

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

**Last date to apply:** 31.03.2022

**Commencement of Classes:** 15.07.2022 (tentative)



### Program Description

B. Tech. in Biomedical (BME) Engineering aims at providing a strong foundation for the students aspiring a career in the field of signal and image processing, instrumentation and medical devices, microcontroller and embedded systems, biomaterials and biomedical nanotechnology by imparting curriculum spanning subjects such as basics of electronics, human anatomy and physiology, Basic clinical sciences, Biomedical, instrumentation, signal and image processing, Machine learning, Biomaterials, Biomechanics and artificial intelligence.



### Focus

This field involves an application of quantitative, analytical and integrative methods from the molecular level to that of the whole organism to facilitate a better understanding of the basic physiological processes and the development of innovative approaches for the preventive, diagnosis and treatment of various diseases.



### Career Prospects

The students would be in a position to serve humanity, work with living systems and apply advanced technology to address complex problems in health care. They would be employable in companies pertained to Embedded system design, Medical software, Sensor technology, Machine vision, Artificial intelligence, Medical devices, and many more. In addition, they can pursue their higher education/research in the above areas at reputed national or international universities.

## B.Tech. in Biotechnology

### Duration

4 Years (8 Semesters)

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

**Last date to apply:** 31.03.2022

**Commencement of Classes:** 15.07.2022  
(tentative)



### Program Description

B. Tech. in Biotechnology was initiated in the year 2005 with an aim to impart a rigorous academic curriculum for the students aspiring a career in the field of biotechnology.



### Focus

At the end of the course, the students will be able to independently demonstrate and apply their knowledge of biochemistry, microbiology, cell biology, genetic engineering, computational biology and molecular biology to solve the problems related to the field of biological sciences. They would also be trained efficiently to apply the principles of bioprocess engineering in the design, analysis, optimization and simulation of bioprocess operations.



### Career Prospects

Upon successful completion of the course, undergraduate students would have developed the skills required for career in industries pertaining to pharmaceutical biotechnology, environmental bioprocesses, food and agricultural processing and other biotechnological organizations. In addition, they will be able to pursue post-graduation and doctoral studies in India and abroad.

## B.Tech. in Chemical Engineering

### Duration

4 Years (8 Semesters)

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

**Last date to apply:** 31.03.2022

**Commencement of Classes:** 15.07.2022  
(tentative)



### Program Description

B. Tech. in Chemical Engineering was started in the year 1969 with an aim to impart a rigorous academic curriculum for the students aspiring a career in the field of chemical engineering. The course is a field of applied science that employs physical, chemical and biochemical rate processes.



### Focus

The course curriculum is intended to impart the principles of mass, momentum, heat transfer to design the process equipment. At the end of the course, students will be able to develop, model, simulate and optimize the chemical process systems; recommend sustainable solutions for environmental and energy engineering related challenges.



### Career Prospects

Upon successful completion of the course, undergraduate students would have developed the skills required for career in industries pertaining to petrochemical, biochemical, materials processing, fertilizers, energy, pharmaceuticals, nanotechnology, and environmental engineering & pollution control engineering. A substantial percentage of the graduates proceed for higher studies/ research at national or international universities.

## B.Tech. in Civil Engineering

### Duration

4 Years (8 Semesters)

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

**Last date to apply:** 31.03.2022

**Commencement of Classes:** 15.07.2022  
(tentative)



### Program Description

B. Tech in Civil Engineering course aims to provide the students a strong theoretical foundations and practical skills to design and develop solutions for civil engineering problems considering the safety, public health, societal and environmental needs. In addition it also caters the ever expanding demands of research organisations and industry by continuous interaction with all stakeholders



### Focus

The course curriculum is designed to ensure the application of knowledge for the analysis and design of civil engineering structures, planning, design and management of water resource systems, waste water and solid waste treatment plants, air and noise pollution control systems, planning and design of transportation and traffic systems, planning and monitoring of construction projects.



### Career Prospects

Upon successful completion of the course, students are employable in private, public and government construction projects, sewage and water treatment plants, transportation and traffic management systems. In addition the course structure also facilitates the students to acquire higher education in the field of structural engineering, building construction and management, environmental engineering, geotechnical engineering, transportation engineering and water resources engineering.



## B.Tech. in Computer and Communication Engineering

### Duration

4 Years (8 Semesters)

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

**Last date to apply:** 31.03.2022

**Commencement of Classes:** 15.07.2022 (tentative)



### Program Description

B. Tech. in Computer and Communication Engineering aims at providing strong foundation for the students aspiring for a career requiring skills from computer science and computer communications with emphasis on communication and computing



### Focus

The course focuses on core subjects in computer science, communication networks, cloud computing, and big data analytics



### Career Prospects

Students would be employable in companies related to software development, computer communication related industry, IOT based application industry, Sensor technology, machine learning, artificial intelligence, big data analysis, networking and many more. In addition, they can pursue their higher education/research in the above areas at national or international universities.

## B.Tech. in Computer Science and Engineering

### Duration

4 Years (8 Semesters)

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

**Last date to apply:** 31.03.2022

**Commencement of Classes:** 15.07.2022 (tentative)



### Program Description

B. Tech. in Computer Science & Engineering (CSE) involves the science and technology to design and develop systems as well as applications. Emphasis is given to apply mathematics and principles of computing to solve engineering problems.



### Focus

The curriculum offers subjects such as big data analytics, machine learning, cryptography, artificial intelligence, internet of things, and high performance computing to keep them in sync with advances in technology, and prepare them for lifelong learning. The curriculum is designed to provide flexibility for students to opt for minor specialization offered by the department and online courses by reputed international universities. CSE graduates cater to the needs of most industries, including software, healthcare, communications, manufacturing, automobile to name a few.



### Career Prospects

Students have been recruited by reputed industries like Microsoft, Amazon, SAP Labs, Goldman Sachs, Morgan Stanley, Cisco, Intel, Deloitte, Oracle, Samsung, HPE, etc. In addition, they can pursue higher education and research at premium national or international universities.

## B.Tech. in Computer Science and Engineering (Artificial Intelligence and Machine Learning)

### Duration

4 Years (8 Semesters)

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

**Last date to apply:** 31.03.2022

**Commencement of Classes:** 15.07.2022 (tentative)



### Program Description

B. Tech in CSE (AI&ML) offered by the Computer Science and Engineering Department provides the budding engineers with a spectacular array of courses dedicated to frontiers in the field of Artificial Intelligence and Machine Learning (AI&ML) with a foundation of Computer Science & Engg. The 4-year full-time program presents exposure to hands-on technologies to create applications and solutions for the world that we live in.



### Focus

The curriculum focuses on foundations of Computational Mathematics, core areas of Computer Science, along with the latest advancements in Artificial Intelligence and Machine Learning. Core courses in Computer Science help students to drive them through the ever-changing IT requirements. The specialized areas of AI&ML are offered as minor specializations which include courses related to AI in Healthcare, Applications of Machine Learning in Computer Vision, Applied Natural Language Processing, Internet of Things, Cyber Security, and Business Intelligence. Each of these minor specializations provides students with an opportunity to dive deeper into the intricacies of the domain. Thus, students can view a bigger picture of developments in AI&ML with an option to explore deeper into thrust areas.



### Career Prospects

With a huge explosion in data and its applications, a career in the field of AI&ML can be very promising as Big Data Engineer, Business Intelligence Developer, Data Scientist, Machine Learning Engineer, Research Scientist, AI Data Analyst, AI Engineer, Robotics Scientist, etc. With a specific job description on AI&ML, students have been recruited by reputed industries like Microsoft, Amazon, Goldman Sachs, Oracle GBU, Cisco, Dell Technologies, Accenture, among others. The future roles are many with AI&ML as the foundation. The graduates of the program can pursue higher education and research at premier national or international universities with a great future in research.

## B.Tech. in Cyber Physical Systems

### Duration

4 Years (8 Semesters)

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

**Last date to apply:** 31.03.2022

**Commencement of Classes:** 15.07.2022 (tentative)



### Program Description

program offered by Manipal Institute of Technology aims to produce competent engineers who can design engineered systems built from seamless integration of physical and cyber systems, which interact with humans and environment. Cyber Physical Systems applies the principles of computer science, communication, and control systems to design, develop, test and evaluate various automations. This program is intensely designed to impart the best knowledge about tools for modeling physical systems and for designing cyber components to solve the real world challenges. Students will be able to design engineering systems that interact with humans and environment and create solutions.



### Focus

Cyber-physical systems, physical systems which are highly integrated and/or controlled by software, are ubiquitous in many safety critical domains, including automotive, avionics, railways, healthcare, atomic energy, power, and industrial automation. The principles of design and implementation of cyber-physical systems are remarkably different from that of other embedded systems because of the complex integration of dense and real valued real time systems with software based discrete automated control.

The physical processes are monitored with various sensors and then communicated through networking to create an automated feedback-

based embedded control system. The automated/ smart systems are modelled from the data points through technological abstractions of intelligent systems. Over the recent years, there has been an exponential growth in the number of companies pursuing in this domain and offering technological opportunities. It is an interdisciplinary program that would train and prepare students for the required technological skill sets of next generation.

Solutions to grand challenges increasingly require reaching across the boundaries of the cyber, physical and human worlds. Cyber-Physical Systems is designed to target the growing and unmet need at the intersection of computing, physical system and human behavior.



### Career Prospects

Cyber-physical systems (CPS) are "engineered systems that are built from, and depend upon, the seamless integration of computational algorithms and physical components." CPS engineering focuses on managing inter-dependencies and impact of physical aspects over cyber aspects, and vice versa. With the development of low- cost sensing, powerful embedded system hardware, and widely deployed communication networks, the reliance on CPS for system functionality has dramatically increased. These technical developments in combination with the creation of a workforce skilled in engineering CPS will allow the deployment of increasingly capable, adaptable, and trustworthy systems. The tasks performed by the engineers in this discipline evolve quickly, reflecting on new developments or changes in technology, according to the preferences and practices of the employers

## B.Tech. in Data Science & Engineering

### Duration

4 Years (8 Semesters)

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

**Last date to apply:** 31.03.2022

**Commencement of Classes:** 15.07.2022 (tentative)



### Program Description

The B.Tech program in Data Science & Engineering trains engineering graduates to be skilled Data Scientists. The emphasis is on core data science subjects along with the related computational mathematics, statistics, and computer science subjects. The program introduces students to the various application domains like finance, business, and healthcare wherein data science can be used to make informed decisions. The course is a multi-campus model and promotes one-semester student mobility in 4/5/6th semester, between the MAHE Manipal, Manipal University Jaipur, and Sikkim Manipal Institute of Technology campuses.



### Focus

Data Science is a unique multidisciplinary confluence of Computer Science, Computational Mathematics, Statistics and Management. Data engineering involves data collection methods, designing enterprise data storage and retrieval. The core data science subjects focus on data analytics, visualization, predictive modeling and analytics for data-driven decision making. Knowledge representation, machine learning, artificial intelligence, deep learning will be taught with relevant case studies. The students can study industry-specific, custom-designed program electives on blockchain technologies, quantum computing, data forensics, data privacy, algorithmic trading, and data security. Students can also opt

for a minor specialization in either business, finance or healthcare analytics.



### Career Prospects

The Institution's placement cell, industry collaborators, and alumni network will facilitate placement and internships as data scientists, data analysts, and data engineers. The course targets placements and internships in top data science companies and in domains such as finance, business, economics, and healthcare. The Institution has also tied up with foreign universities and promotes a semester abroad. On completion of three years of the B.Tech course, students can opt for an integrated Master's program in a partner university abroad.



## B.Tech. in Electrical and Electronics Engineering

### Duration

4 Years (8 Semesters)

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

**Last date to apply:** 31.03.2022

**Commencement of Classes:** 15.07.2022 (tentative)



### Program Description

B.Tech in Electrical and Electronics Engineering aims at providing a strong foundation for the students aspiring a career in the field of Electrical Engineering, Electronics Engineering, Control Engineering, Signal processing, Embedded systems etc. supported by the practical courses in the field.



### Focus

By imparting curriculum spanning subjects such as Electrical machines, Power systems, control systems communication systems, Electronics and provision in the curriculum to opt for the minor specialisations such as power and energy systems, Computational Intelligence, Embedded systems, Signal processing, and business management etc., students will be able to design, research and develop technologies related to these areas.



### Career Prospects

After successfully completing the programme, the students would be employable in organisations pertained to core electrical, electronics, software, embedded system design, and many more. In addition, they can pursue their higher education/research in the above areas at national or International universities.

## B.Tech. in Electronics and Communication Engineering

### Duration

4 Years (8 Semesters)

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

**Last date to apply:** 31.03.2022

**Commencement of Classes:** 15.07.2022 (tentative)



### Program Description

B. Tech. in Electronics and Communication Engineering (ECE) aims at providing a strong foundation for the students aspiring a career in electronics and communication industries as well as industries which apply these technologies.



### Focus

By imparting curriculum emphasizing on subjects such as electronic circuit design, signal processing, communication engineering, digital system design, and computational intelligence, students will be able to design and develop technologies related to these areas.



### Career Prospects

Electronics and Communication Engineering graduates are one of the most sought after, by the Industries due to our insatiable desire for smaller, more power efficient, and smarter multifunctional gadgets. Since Electronics is the platform on which modern day Artificial Intelligence is running, Electronics and Communication Engineers with good knowledge of Artificial Intelligence are in high demand.

## B.Tech. in Electronics and Instrumentation Engineering

### Duration

4 Years (8 Semesters)

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

**Last date to apply:** 31.03.2022

**Commencement of Classes:** 15.07.2022 (tentative)



### Program Description

B. Tech. in Electronics and Instrumentation (EI) Engineering aims at providing a strong foundation for the students aspiring a career in the field of automation, sensor technology, IOT, signal processing, embedded systems, microelectronics and allied disciplines



### Focus

By imparting curriculum spanning subjects such as electronics, instrumentation, control systems, digital system design, virtual instrumentation, systems engineering, sensor design, automation process control and artificial intelligence students will be able to design, develop, install and automate engineering processes



### Career Prospects

Graduates have potential to be employable in companies working on embedded system design, IOT based automation, Sensor technology, Refinery & Retrochemicals, Aerospace, machine vision, Artificial intelligence, big data analysis, process control and many more. In addition, they have scope to pursue higher education/ research in these domains at national or international institutes.

## B.Tech. in Industrial Engineering

### Duration

4 Years (8 Semesters)

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

**Last date to apply:** 31.03.2022

**Commencement of Classes:** 15.07.2022 (tentative)



### Program Description

B. Tech. in Industrial Engineering (IE) aims at providing a strong foundation for the students aspiring a career in the field of automation, layout designing, simulation of work systems, decision making and operations management, by imparting curriculum spanning subjects such as Data Analytics, Artificial Intelligence, Supply and Logistics Management, Industrial Internet of Things (IIoT) and Operations Research, Industrial Automation and Robotics, Operations Research, Simulation Modelling and Analysis, Total Quality Management, Operations and Supply Chain Management, Data Analytics and Visualization, 3D Printing and Design, Lean Manufacturing & Six Sigma, Artificial Intelligence, Computer Organization and Programming and Design of Experiments.



### Focus

Students will be able to design, develop innovative technologies and systems to create safe and sophisticated environment for the society with ethical uprightness and socio-economic concerns.



### Career Prospects

They would be employable not only in any private and government companies pertaining to manufacturing sectors, IT-service sector, supply chain & logistics firms and FinTech firms but also in civil services. In addition, they can pursue their higher education/research in the above areas at national or international universities.

## B.Tech. in Information Technology

### Duration

4 Years (8 Semesters)

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

**Last date to apply:** 31.03.2022

**Commencement of Classes:** 15.07.2022 (tentative)



### Program Description

B. Tech. in Information Technology aims at providing a strong foundation for the students aspiring a career in the field of software industry and IT enabled service industry.



### Focus

The course content focuses on the complete Software Development Life Cycle, Database System, Knowledge Discovery and Application Development in Internet Technologies with judicious blend of technical skills.



### Career Prospects

Students would be employable in companies related to software development, embedded system design, IOT based application industry, Sensor technology, machine learning, artificial intelligence, big data analysis, networking and many more. In addition, they can pursue their higher education/research in the above areas at national or international universities.

## B.Tech. in Mechanical Engineering

### Duration

4 Years (8 Semesters)

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

**Last date to apply:** 31.03.2022

**Commencement of Classes:** 15.07.2022 (tentative)



### Program Description

B. Tech. in Mechanical Engineering targets to strengthen and enhance the students' knowledge acquired from basics of Science and Mathematics to Materials, Solid Mechanics, Thermodynamics, Heat Transfer, Product Design, Mechanism of Machineries and Manufacturing Processes. Students of Mechanical Engineering will also acquire knowledge about designing of automobiles and aircrafts, electric motors and other heavy vehicles, Fluid Mechanics.



### Focus

Courses on business and other social-sciences along with the technical subjects are designed to groom students with well-rounded perspectives, as well as the ability and flexibility to work in a variety of industrial settings. Practical learning is integrated into the curriculum through B.Tech. practice school projects. The students are provided with an opportunity for summer internship with industry to solve engineering and scientific problems.



### Career Prospects

The Mechanical Engineering graduates can shape their professional careers in Automotive, Biomechanics, Computer, Construction, Energy, Electronics, Robotics, Aerospace and Entertainment to name a few. In addition, they can track their higher education/research in the above areas at national or international universities.

## B.Tech. in Mechatronics

### Duration

4 Years (8 Semesters)

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

**Last date to apply:** 31.03.2022

**Commencement of Classes:** 15.07.2022 (tentative)



### Program Description

B. Tech. in Mechatronics aims at providing rich knowledge of engineering such as mechanical, electrical, electronics and computer science. The curriculum covers subjects with opportunities for industrial experience and hands on learning through modern software and tools and latest industrial equipments.



### Focus

Students will be able to design, develop, install and automate engineering processes; create safe environment for the society with ethical uprightness and socio-economic concerns. They will be capable of involving in research and nurturing entrepreneurship skills.



### Career Prospects

Students would be employable in companies pertaining to robotics and industrial automation, embedded system design, IoT machine vision and artificial intelligence. Further, they can pursue their higher education/research in the above areas at national or international Universities. They can be entrepreneurs in the area of robotics, automation, IoT, smart agriculture and smart healthcare systems by offering employment to society.



## Bachelor of Technology - Lateral Entry

### Duration

3 Years (6 Semesters)

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

**Last date to apply:** 31.03.2022

**Commencement of Classes:** 15.07.2022 (tentative)



### Program Description

Bachelor of Technology / B.Tech - Lateral Entry course is offered by Manipal Institute of Technology, Manipal. The B.Tech - Lateral Entry course enables students to get a lateral entry in B. Tech after diploma and gain quality learning experience that will shape their success in chosen fields. The course is designed for candidates with a 3-year diploma in engineering or an equivalent degree to get direct admission to 2nd year (3rd semester). Students will get an enhanced learning experience through MIT's unique pedagogy that combines classroom sessions with experiential learning. MIT is a renowned name in engineering education and consistently ranks among the top engineering institutes in the country.



### M.Tech. Eligibility

**Qualification:** The candidates must have passed the following courses with a minimum of 50% marks in aggregate:

#### Applied Computational Fluid

**Dynamics:** BE / BTech in Aeronautical Engineering / Automobile Engineering / Mechanical Engineering / Industrial & Production Engineering / Manufacturing Engineering / Mechatronics

**Automobile Engineering:** BE / BTech in Automobile Engineering / Mechanical Engineering / Industrial & Production Engineering / Manufacturing Engineering / Mechatronics.

**Avionics:** BE / BTech in Aeronautical Engineering / Electrical & Electronics / Electronics & Communication / Instrumentation and Control / Computer Science / Computer and Communication / Mechanical / Mechatronics.

**Biomedical Engineering:** BE / BTech or equivalent in Biomedical Engineering / Medical Electronics / Electrical Sciences - Electrical / Electronics / Instrumentation.

**Chemical Engineering:** BE / BTech or equivalent in Chemical Engineering / Biochemical Engineering / Petroleum Engineering / Bioprocess Engineering / Biotechnology / Pharmaceutical Technology / Polymer Technology.

**Computer Aided Analysis and Design:** BE / BTech or equivalent in Aerospace Engineering / Aeronautical Engineering / Marine Engineering / Marine Technology / Mechanical & Automation Engineering / Mechatronics Engineering / Mechanical Engineering / Metallurgical & Material Engineering / Industrial & Production Engineering / Industrial Engineering / Automobile Engineering / Nano Technology / Tool Engineering / Manufacturing Engg.

**Computer Networking and Engineering:** BE / BTech or equivalent in Computer Science / Electronics and Communication / Information Technology / Information Science and Engineering / Computer and Communication Engineering.

**Computer Science & Engineering:** BE / BTech or equivalent in Computer Science / Electronics and Communication / Information Technology / Information Science and

Engineering.

**Computer Science & Information Security:** BE / BTech or equivalent in Computer Science / Electronics and Communication / Information Technology / Information Science and Engineering.

**Construction Engineering & Management:** BE/BTech or equivalent in Civil Engineering or Architecture

**Embedded Control and Automation:** BE/BTech or equivalent in Electrical Sciences or Electronics or Instrumentation or Mechatronics.

**Data Science:** BE / BTech in Computer Science / Electrical & Electronics / Information Technology / Electronics & Communication

**Defence Technology:** Aerospace Engg/Aeronautical Engg/Applied Electronics & Communication / Applied Electronic & Instrumentation / Chemical Technology / Chemical Engg / Computer Science & Engg / Computer & Communication Engg / Computer Engg / Computer Engg & Applications / Computer Networking / Computer Science & Information Technology / Computer Science & Technology / Computer Technology / Electrical & Computer Engg / Electrical & Electronics Engg / Electrical & Instrumentation / Electrical & Power Engg / Electrical Engg / Electronics Engg / Electrical, Electronics & Power Engg / Electronics & Communication / Instrumentation Engg / Electronics, Instrumentation and Control Engg / Electronics, Science & Engg / Electronics & Computer Engg / Electronics & Communication / Electronics & Control Systems / Electronics & Power Engg / Electronics & Telecommunication / Electronics, Instruments and Control Engg / Electronics Systems Engg / Instrumentation & Electronics / Instrumentation Engg / Marine Engg / Marine Technology / Mechanical & Automation Engg / Mechatronics Engg / Mechanical Engg / Metallurgical & Material Engg / Military Engg / Optics & Opto-electronics / Power Electronics Engg / Radio, Physics & Electronics / Software Engg / Structural Engg / Telecommunication Engg

**Digital Electronics and Communication Engineering:** BE / BTech or equivalent in Electronics and Communication / Telecommunication Engineering

**Electric Vehicle Technology:** BE / BTech in Electrical & Electronics/ Electrical Engineering/ Electronics & Communication /Instrumentation Engineering/Mechanical /Industrial & Production Engineering /Automobile Engineering/Manufacturing Engineering / Mechatronics.

**Engineering Management:** BE/BTech in any branch of Engineering.

**Environmental Engineering:** BE/ BTech in Civil /Chemical Engineering/ Ceramic Technology/ Mechanical / Metallurgy / Mining/ Environmental / Biochemical Engineering / Biotechnology.

**Industrial Automation and Robotics:** BE / BTech or equivalent in Mechanical / Industrial and Production Engineering / Automobile Engineering/ Aeronautical Engineering / Mechatronics / Electrical & Electronics/ Electronics Communication / Instrumentation Control.

**Industrial Biotechnology:** BE/BTech or equivalent in Biotechnology or Chemical Engineering or Pharmaceutical Technology or Biochemical Engineering or Bioprocess Engineering.

**MTech (Internet of Things):** B.Tech / B.E in Electrical or Computer Stream (Electrical & Electronics, Electronics & Communication, Telecommunication Engineering, Electronics and computer Engineering, Instrumentation and Control Engineering, Electronics & Instrumentation, Information Technology, AI&ML, Data Science, Cyber security, Computer Science, Mechatronics, Computer & Communication, Biomedical Engineering)

**Machine Intelligence & Decision Science:** BE/BTech in Computer Science /IT/Information Science and Engineering/Electronics & Communication /Electrical/ Instrumentation/Computer and Communication Engineering/Artificial Intelligence & Machine Learning/Data Science /Biomedical Engineering.

**Manufacturing Engineering:** BE / BTech or equivalent in Aerospace Engineering /Aeronautical Engineering /Marine Engineering /Marine Technology/Mechanical & Automation Engineering /Mechatronics

Engineering /Mechanical Engineering / Metallurgical & Material Engineering / Industrial & Production Engineering / Industrial Engineering/ Automobile Engineering/Nano Technology/Tool Engineering/Manufacturing Engg

**Medical Informatics:** BE/BTech or equivalent in Biomedical Engineering/Biotechnology/Medical Electronics/Electrical/Computer science Engineering/Electronics/ Mechatronics/Instrumentation/MCA

**Microelectronics:** BE/BTech or equivalent in Electrical& Electronics/ Electronics & Communication / Electronics &Telecommunication / Instrumentation Control.

**Power Electronics and Drives:** BE/ BTech or equivalent in Electrical & Electronics or Electronics & Communication or Instrumentation Control.

**Software Engineering:** BE/BTech or equivalent in Computer Science and Engineering/ Information Technology/ Information Science and Engineering/ Computer and Communication Engineering.

**Structural Engineering:** BE/BTech or equivalent in Civil Engineering.

**Thermal Sciences and Energy Systems:** BE / BTech or equivalent in Aerospace Engineering / Aeronautical Engineering /Marine Engineering /Marine Technology/ Mechanical & Automation Engineering /Mechatronics Engineering / Mechanical Engineering /Metallurgical & Material Engineering /Industrial & Production Engineering /Industrial Engineering/ Automobile Engineering/ Nano Technology/Tool Engineering/ Manufacturing Engg.

**M.Tech (Wireless and Mobile Communications (WMC)):** B.E/B. Tech degree from any recognized university /institute with a minimum of 50% aggregate marks or equivalent grades in any of the following disciplines: E&C Engg., Telecommunications Engg., Electronics and Instrumentation, Biomedical Engineering, Computer Science Engineering, Information and Communication Technology, Computer Communication, Mechatronics Engineering, Applied Electronics, Electronics and Computer Engg., Electrical and Computer Engg.

## M.Tech. in Automobile Engineering

### Duration

2 Years (4 Semesters)

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

**Last date to apply:** 15.05.2022

**Commencement of Classes:** 01.08.2022 (tentative)



### Program Description

M. Tech. in Automobile Engineering imparts the advanced know-how of combustion science, crashworthiness and safety, electronics in automobiles, control systems, modelling and analysis of complex automotive sub-systems.



### Focus

The program looks at maximizing the skill sets of undergraduates fine-tuned to the needs of research in the automotive industry. The department has well equipped laboratories like NVH lab in which the students can get the hands-on experience on handling instruments like accelerometers and Impedance tube to find the acoustic properties of a given material. They are also exposed to basics of LabVIEW which is leading software in instrumentation and data acquisition.



### Career Prospects

The students can aspire for jobs in the automotive industry with demand for improvised skill levels and innovation. The students go to leading industries like Toyota Kirloskar, Autoliv, TVS, Isuzu, Continental, Altair, IFB, Benz etc for internship during the second year which gives them proper industrial training and exposure. More than 90% of our previous batch students have secured internship projects during the second year. Based on the performance, the internships have also been converted into jobs.

## M.Tech. in Avionics

### Duration

2 Years (4 Semesters)

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

**Last date to apply:** 15.05.2022

**Commencement of Classes:** 01.08.2022  
(tentative)



### Program Description

M. Tech in Avionics is two years post graduate programme in engineering, offered by the department of Aeronautical and Automobile Engineering. The program is spread over 4 semesters with last two semesters being dedicated to project work. A graduate in Aeronautical, electrical, Electronics, Instrumentation & Control, Computer Science, Information Technology, Computers & Communication, Mechatronics and Mechanical Engineering are eligible to undertake this program.



### Focus

The course is designed to explore in depth knowledge in the field of avionics with aircraft instrumentations & control, navigation & guidance, UAVs, Software Safety and Security, Embedded system, Communication, Software Simulation, Sensors and Antenna Design as their core courses and program elective.



### Career Prospects

At the end of the course, the candidates will have acquired a good understanding of the major airborne avionic functions and systems and will be able to select appropriate technologies and products for a broad range of functional requirements including communication, navigation and data systems in various airplanes.

## M.Tech. in Biomedical Engineering

### Duration

2 Years (4 Semesters)

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

**Last date to apply:** 15.05.2022

**Commencement of Classes:** 01.08.2022  
(tentative)



### Program Description

M. Tech. in Biomedical Engineering provides fundamental and advanced knowledge in advanced areas of instrumentation, medical devices, signal processing, image processing, biomaterials and nanotechnology by applying theory to practice for meeting the expectations of the health care industry.



### Focus

Students will demonstrate proficiency in various fields namely Signal and Image processing and analysis, Instrumentation and medical devices, biomechanics and biomaterials. Exposure to Courses on advanced sensor technology, artificial intelligence will give a flavour of industry related experience, which enables multi-disciplinary research with socio-economic concerns.



### Career Prospects

They would be employable in core biomedical industries, medical devices industry, and public sector institutes like DRDO, INMAS, CSIR and DEBEL. In addition, they are eligible for research in the area of biomedical at multinational research labs and reputed institutes in India and abroad.

## M.Tech. in Chemical Engineering

### Duration

2 Years (4 Semesters)

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

**Last date to apply:** 15.05.2022

**Commencement of Classes:** 01.08.2022  
(tentative)



### Program Description

M. Tech. in Chemical Engineering offers graduate students from chemical engineering and non-chemical engineering backgrounds an opportunity to enhance their knowledge and skills in advanced topics required for success in chemical engineering industry and research.



### Focus

The students are exposed to advanced courses of chemical engineering such as advanced transport phenomena, optimization of chemical processes, process modelling, analysis and simulation, and related courses to meet the industry expectations. Students gain the practical experience by performing the experiments related to analytical techniques, process control, and process simulation. Exposure to these courses will enable them to carry out projects in the fields of chemical engineering and interdisciplinary fields during the second year.



### Career Prospects

On completion of the course, the students will be able to find employment in core areas such as catalysis and nanotechnology, energy, process modelling & simulation process control, environmental pollution control. They will also be able to pursue doctoral studies in chemical engineering and allied fields.

## M.Tech. in Computer Aided Analysis and Design

### Duration

2 Years (4 Semesters)

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

**Last date to apply:** 15.05.2022

**Commencement of Classes:** 01.08.2022 (tentative)



### Program Description

MTech in Computer Aided Analysis and Design (CAAD) aims to provide post-graduation level education to students of Mechanical Engineering stream on Design and Analysis of Mechanical features of components/ products/ system, and to meet the requirements of industries/research organizations/ academia in the area of Mechanical Design and Analysis.



### Focus

In the first year the students are well-ground with the concepts of Applied Numerical Methods, Solid Mechanics, Geometric Modelling for CAD, Fatigue of Materials, Advanced Mechanical Vibrations, Research Methodology and Technical Communication, Lubrication of Bearings, Finite Element Methods through class-room sessions. The students are also introduced to practical aspects of Design Engineering as well as modelling and analysis software like 3D Experience (formerly known as CATIA) and ANSYS through the practical sessions ..... The industries that offer internship opportunities for MTech (CAAD) students are Philips, GE, Wipro, Bosch, Altair, Everest Blowers, Sabic, Applied Materials, Volvo, Tata Motors, Cummins, etc.



### Career Prospects

Every year most of the students carry out their project work at industries, wherein they are jointly mentored by experts from industry and faculty members from MIT. Many such students have ample opportunities of recruitment. More than 250 alumni of MTech (CAAD) are working for various industries/organizations like Philips, GE, Wipro, Bosch, Altair, Volvo, Tata Motors, etc. Some alumnae of this program are also serving various universities/ organizations as faculty members or pursuing their doctoral studies at reputed universities.



## M.Tech. in Computer Networking and Engineering

### Duration

2 Years (4 Semesters)

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

**Last date to apply:** 15.05.2022

**Commencement of Classes:** 01.08.2022 (tentative)



### Program Description

M. Tech. in Computer Networking & Engineering provides graduates the necessary skills to design and deploy computer networks, tools and applications in communication networks.



### Focus

The course focuses on subjects like network protocols and programming, information security, software engineering, advanced operating systems, and mobile computing in addition to that, they have a wide range of electives related to their domain to prepare the graduates in relevant domains.



### Career Prospects

Students would be able to apply the knowledge of computer networking to solve problems of both wired, wireless communication network and pursue multi-disciplinary research. They would be employable in software development and computer networking industry. In addition, they are eligible for Public Sector Units. They are suitable for undertaking research in India and abroad.



## M.Tech. in Computer Science and Engineering

### Duration

2 Years (4 Semesters)

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

**Last date to apply:** 15.05.2022

**Commencement of Classes:** 01.08.2022 (tentative)



### Program Description

The department of Computer Science and Engineering is a pioneering academic department for higher education, research, innovation and teamwork in key areas of computer science.



### Focus

The M.Tech programme in computer science and engineering provides a comprehensive study of the recent developments in the emerging technologies. In addition to the core subjects like high performance computing systems, advanced computer networks, advanced data structure and algorithms, quantum computing, industry expected courses such as natural language processing, machine learning, web services are also sheltered. Exposure to research methodology will enable the students to pursue the research in right direction with socio-economic concerns.



### Career Prospects

Opportunity to work on various advanced and multi-disciplinary research projects in the industry will prepare them for highly sought-after industry jobs and research.

## M.Tech. in Computer Science and Information Security

### Duration

2 Years (4 Semesters)

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

**Last date to apply:** 15.05.2022

**Commencement of Classes:** 01.08.2022 (tentative)



### Program Description

M.Tech. in Computer Science & Information Security (CSIS) is aimed at producing the much needed highly skilled computer science security professionals who can safeguard the information, networks, communications, and storage from the ever-evolving security threats.



### Focus

The prime objective of the program is to create professionals trained in both computer science and information security. It provides a good blend of theoretical concepts and practical training in various courses such as advanced data structures & algorithms, advanced computer networks, machine learning, cryptography, system & network security, and IoT security. The department has a centre for cryptography through which various activities are being conducted in association with government and industry organizations.



### Career Prospects

The program prepares the students to be suitable for various challenging roles in industry such as network security engineers, security architects, disaster recovery managers, information systems security officer etc. as well as carry out research.

## M.Tech. in Construction Engineering and Management

### Duration

2 Years (4 Semesters)

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

**Last date to apply:** 15.05.2022

**Commencement of Classes:** 01.08.2022 (tentative)



### Program Description

M. Tech. in Construction Engineering & Management course is designed to provide knowledge of specialized managements essential for modern day Construction Project Management.



### Focus

Students will gain proficiency in Construction Project related managements namely- Construction Safety management, Equipment management, Contract management, Materials management, Quality management, Risk management, Information management, Finance management, Supply chain management and Maintenance & Rehabilitation. Curriculum includes dedicated practical session to expose students to Construction Project practices and Information Technology and BIM applications in the field of Project management to motivate candidates to face challenges in Construction site.



### Career Prospects

They would be employable in Construction Organizations, Project Management Consultancy Services, Sustainable and Green Technology research institutes & organizations and Smart Construction Projects.



## M.Tech. in Embedded Control and Automation

### Duration

2 Years (4 Semesters)

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

**Last date to apply:** 15.05.2022

**Commencement of Classes:** 01.08.2022 (tentative)



### Program Description

M.Tech in Embedded control and Automation provides fundamental knowledge in embedded control and automation by applying theory to practice for meeting the expectations of the industry



### Focus

Students will demonstrate proficiency in various fields namely Process automation, embedded control, system identification, space dynamics, and control. Exposure to Courses on advanced sensor technology, artificial intelligence will give a flavour of industry related experience, which enables multi-disciplinary research with socio-economic concerns



### Career Prospects

They would be employable in process industries, Automation industries, automotive industries and public sector companies like ISRO labs, DRDO, ADA, HAL and NAL. In addition, they are eligible for research in control domain in Public Sector Labs, multinational research labs in India and abroad.

## M.Tech. in Data Science

### Duration

2 Years (4 Semesters)

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

**Last date to apply:** 15.05.2022

**Commencement of Classes:** 01.08.2022 (tentative)



### Program Description

M.Tech in Data Science at MIT, Manipal is a two-year postgraduate degree program taught by MIT and industry experts. The program is designed to train graduates to pursue a career in the area of data science. Data Science is a unique multidisciplinary confluence of Computer Science, Computational Mathematics, Statistics, and Management. Data technologies for data collection, data storage, retrieval, and computation will be taught during the course. The core data science subjects focus on data analysis, visualization, predictive modeling, and analytics for data-driven decision-making. Knowledge representation, machine learning, artificial intelligence, deep learning will be taught with relevant case studies.



### Focus

The course focuses on the core subjects of data analytics, visualization, machine learning, deep learning, and artificial intelligence. There is an emphasis on various data technologies, data structures used in data storage, retrieval, and computation. Sufficient laboratory sessions have been planned to enable the students to apply the theoretical concepts learnt to various data sets and learn from the experience. The mathematical foundation required for data science is also taught. The program introduces students to the various application domains like finance, business, and healthcare wherein data science can be used to make informed decisions. The students can choose a domain like

computer vision, natural language processing, etc. for research. The students will be taught research methodology and technical communication, so that they can write technical articles to journals, attend conferences and participate in technical competitions.



### Career Prospects

Data analysts and scientists are in high demand since the last few years and the demand is unlikely to slow down any time soon. The Institution's placement cell, industry collaborators, and alumni network will facilitate placement and internships as data scientists, data analysts, and data engineers. The course targets placements and internships in top data science companies, research organizations, and in domains such as finance, business, economics, and healthcare.

The course will equip students to target the following profiles:

- Data Analyst
- Business Analyst

## M.Tech. in Digital Electronics and Communication Engineering

### Duration

2 Years (4 Semesters)

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

**Last date to apply:** 15.05.2022

**Commencement of Classes:** 01.08.2022 (tentative)



### Program Description

M Tech program in Digital Electronics and Communication Engineering emphasizes on subjects such as Wireless Communication, Communication Networks and VLSI techniques. Students are oriented towards research through research methodology theory and practical sessions.



### Focus

Students will demonstrate proficiency in various fields, namely, Wireless and wired communication systems and VLSI design. Minor projects spread over two semesters help the students to hone their ability to apply innovative ideas to solve engineering problems



### Career Prospects

There will be ample opportunities to carry out final year projects through internship in well-established core engineering companies in which students get exposure to the state-of-the-art Industry standards. These internships easily get converted to full time job opportunities.

## M.Tech in Defence Technology

### Duration

2 Years (4 Semesters)

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

**Last date to apply:** 15.05.2022

**Commencement of Classes:** 01.08.2022 (tentative)



### Program Description

This course is designed to pursue professional career in research, technology and product development related to the defence and security.



### Focus

- To envisage interest among young aspiring engineering graduates to pursue their career in defence sector
- Support the initiative, 'Atmanirbhar Bharat' in developing indigenous technology for India's defence needs.
- To fulfil the increased requirement of technical expertise and trained manpower that aligns with the new demand for defence industries in India.



### Career Prospects

- DRDO and associated labs
- Bharat Forge
- TATA Aerospace and Defence
- Dassault Aviation
- Mahindra Defence
- Larsen & Toubro (L&T)
- Kalyani Forge

## M.Tech. in Engineering Management

### Duration

2 Years (4 Semesters)

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

**Last date to apply:** 15.05.2022

**Commencement of Classes:** 01.08.2022 (tentative)



### Program Description

Engineering Management course offers a perfect blend of advanced engineering concepts with management theories.



### Focus

Students are introduced to the concepts of engineering and management through courses like Operations Research, Production & Operations Management, Finance, System Dynamics, Technology Management, to name a few. This is a unique course which will make students capable of analysing and assessing operations of an organization and transforms them to become future industry leaders. The students are equipped with managerial skills such as Data Analysis, Modelling & Simulation, and Project Management. The course facilitates students to undertake industry relevant projects during their internship.



### Career Prospects

The program enables students to find career opportunities in various segments of industry and academia, in managerial and research positions.

## M.Tech. in Environmental Engineering

### Duration

2 Years (4 Semesters)

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

**Last date to apply:** 15.05.2022

**Commencement of Classes:** 01.08.2022 (tentative)



### Program Description

M. Tech. in Environmental engineering is designed to impart specialized and advanced knowledge in various fields of Environmental Engineering.



### Focus

The students will acquire advanced knowledge in subjects like waste water treatment, industrial waste management, air and noise pollution, environmental impact assessment and solid and hazardous waste management. They will also enhance their research and analytical skills in advanced environmental engineering laboratory equipped with sophisticated equipment.



### Career Prospects

This program enables students to explore career opportunities as Environmental Engineers for the control of pollution in various manufacturing industries and to take up their own environmental engineering and management consultancy services. The training also equips the students to serve as the officer/ consultant to pollution control boards as well as private engineering consultancies, to carry out R&D works in academic, public and private organizations.

## M.Tech. in Electric Vehicle Technology

### Duration

2 Years (4 Semesters)

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

**Last date to apply:** 15.05.2022

**Commencement of Classes:** 01.08.2022 (tentative)



### Program Description

M.Tech. in Electric Vehicle Technology is designed to meet the expert manpower requirements in the field of electric vehicles (EVs), drives and control, EV communications, chargers and battery management systems (BMS), policies, regulations and commercialization for the present and future prospects of the EV industry and research.



### Focus

The course is industry-oriented to meet the contemporary requirements of the society. For EV ecosystem to flourish, the R&D on EV powertrains, batteries, charging stations and associated power converters are essential. EVs need the competency in multidisciplinary areas of power engineering, instrumentation, embedded systems, communications, data science and AI. The students will undergo extensive hands-on training through laboratory assisted theory courses. Innovative concept of practice school allows the students to carry out their project work/internship in EV industries/start-ups.



### Career Prospects

EV design, manufacturing, consulting companies/start-ups and power industries. Policy making and R&D in public sector. EV OEMs, automotive industry, machine design, power electronics, chargers/BMS. Academic research leading to PhD in reputed institutes in India and abroad.

## M.Tech. in Industrial Automation and Robotics

### Duration

2 Years (4 Semesters)

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

**Last date to apply:** 15.05.2022

**Commencement of Classes:** 01.08.2022 (tentative)



### Program Description

M.Tech. in Industrial Automation and Robotics is offered by the department of Mechatronics to provide the students of diverse disciplines with appropriate theoretical inputs and opportunities for hands-on training. The state-of-the-art infrastructure in various laboratories such as Robotics, Hydraulics and Pneumatics, PLCs, Sensors and Actuators, Microcontroller, and Industrial IoT, facilitates effective learning. In addition, students are exposed to recent research areas and acquire management skill to function as effective team members and leaders.



### Focus

Students will be able to work in different disciplines, which are aligned with current trends in robotics & automation in industries



### Career Prospects

Students will gain expertise in the fields of industrial automation and robotics which would enable to pursue professional careers in the prominent global automation industries and public sector companies. In addition, Students can opt for higher education in National & International Universities. They can take up industry projects or become successful entrepreneurs.

## M.Tech. in Industrial Biotechnology

### Duration

2 Years (4 Semesters)

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

**Last date to apply:** 15.05.2022

**Commencement of Classes:** 01.08.2022 (tentative)



### Program Description

M. Tech. in Industrial Biotechnology was commenced in the year 2009 with a view to provide specialization in industrial biotechnology for biotechnology as well as chemical engineering graduates.



### Focus

The curriculum includes variety of theory and practical courses in the fields of bioprocess engineering, bioreactor design, modelling and simulation, computational biology, and cell culture techniques. Exposure to these courses will enable them to carry out projects in the fields of biotechnology and interdisciplinary fields during the second year.



### Career Prospects

After successful completion of the course, they will be able to pursue career in pharmaceutical, environmental, medical and agriculture based biotechnological industries. They will also be able to pursue doctoral studies in biotechnology.

## M.Tech in Internet of Things

### Duration

2 Years (4 Semesters)

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

**Last date to apply:** 15.05.2022

**Commencement of Classes:** 01.08.2022 (tentative)



### Program Description

M. Tech in IoT offered by the Instrumentation and Control Engineering Department provides the post graduates knowledge in key areas of Internet of Things such as sensor selection, interfacing, IoT Architecture, Embedded system design, Application Interface Design, Distributed and Big Data Management etc. The 2-years full-time program provides exposure to hands-on technologies used for creating applications and solutions to the world that we live in.



### Focus

The programme is designed for engineers who wish to update themselves with the latest technology and willing to adopt transition to IoT career opportunities which is need of the hour. The career opportunities are expanded to all sectors such as IT, Automotive, Manufacturing, Energy, Telecom and Logistics etc. Engineers with passion to provide IoT products and services, or design and implement IoT solutions may consider applying to this programme.



### Career Prospects

The development of wireless networking technologies such as Wi-Fi, Bluetooth, ZigBee, Z-Wave, Insteon, and Digital Enhanced Cordless Telecommunications will lead to a larger base of individuals interested in purchasing IoT devices. This is the crucial aspect of the rise in the market revenue of the Internet of Things (IoT). The growing use of third-party platforms, increment in the digital transformation, and IoT in manufacturing will foster the market growth.

Internet of Things (IoT) Market are extended across the following application domains:

- Building and home automation
- smart energy and utilities
- Smart manufacturing
- Connected Logistics
- Smart Retail
- Smart mobility
- Transportation

The students of this course may position themselves to be a prospective candidate for the industries who are ready to adopt latest technologies irrespective of domain constrains.

## M.Tech in Machine Intelligence and Decision Science

### Duration

2 Years (4 Semesters)

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

**Last date to apply:** 15.05.2022

**Commencement of Classes:** 01.08.2022 (tentative)



### Program Description

M. Tech. in Machine Intelligence and Decision Science provides graduates the necessary skills to specialize in areas which require the machine intelligence to handle real world problems along with requisite science for decision making.



### Focus

The course focuses on subjects like Artificial Intelligence, Probabilistic Graphical Models, Statistical Machine Learning, Deep Learning, Explainable AI (XAI), and Convex Optimization; there is a wide range of electives related to their domain to prepare the graduates in relevant fields.



### Career Prospects

Students would be able to apply the knowledge of Machine Intelligence and Decision Science to solve problems in predictive and decision support systems and pursue multi-disciplinary research. Graduates of this program have scope in multiple roles such as AI Developer, AI Engineer, Machine Learning Scientist, Decision Scientist, and Data Scientist. In addition, they are eligible for Public Sector Units like ISRO labs, DRDO, and CSIR labs. They are skilled enough to undertake research in India and abroad.

## M.Tech. in Manufacturing Engineering

### Duration

2 Years (4 Semesters)

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

**Last date to apply:** 15.05.2022

**Commencement of Classes:** 01.08.2022 (tentative)



### Program Description

M. Tech. in Manufacturing Engineering aim to develop and enhance students' knowledge in improving the quality and efficiency of Manufacturing Systems. The course focusses on Design and Development of Mechanical Systems, Automated Systems, Manufacturing Processes, Machines, Tools and Equipment.

Students are also focused towards research through the study of systematic research practices.



### Focus

The course will provide the student with a detailed understanding of each level of the manufacturing process, combining skills in mathematics, to develop innovative ways of designing manufacturing systems and processes. The course is designed to disperse domain-specific skills and knowledge to the PG level students so as to equip them to take challenges that would come in their professional career at the industry level.



### Career Prospects

Manufacturing Engineering postgraduates have a wide range of job opportunities like Production Engineer, Mechanical Analyst, Project in Charge, Researcher etc. After completion of post-graduation, students may pursue higher studies like Ph.D. in the said subject or may take up job opportunities associated.

## M Tech in Medical Informatics

### Duration

2 Years (4 Semesters)

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

**Last date to apply:** 15.05.2022

**Commencement of Classes:** 01.08.2022 (tentative)



### Program Description

The program is designed to cater to the increasing demand of analyzing medical data that involves data visualization and Artificial intelligence.



### Focus

- To enhance the skills to solve the issues of handling medical data with the computer aided solutions.
- To create research environment in the field of medical informatics.
- To solve multidisciplinary problems involved in healthcare with the knowledge of advances in data engineering and data science.
- To encourage entrepreneurship in the field of Medical Informatics.



### Career Prospects

- Medical data analyst / Application Analyst
- AI / Data scientist
- Medical software product developer
- Healthcare IT consultant
- Policy makers, Research, and development engineers in public sector
- Manufacturing companies/start-ups.



## M.Tech. in Microelectronics

### Duration

2 Years (4 Semesters)

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

**Last date to apply:** 15.05.2022

**Commencement of Classes:** 01.08.2022  
(tentative)



### Program Description

M Tech program in Microelectronics emphasizes on subjects such as Analog and Mixed Signal Design, Low Power VLSI and Processor Architecture. Students are oriented towards research through research methodology theory and practical sessions.



### Focus

Students will demonstrate proficiency in various fields, namely, Analog and Digital VLSI design, Processor architectures and so on. Minor projects spread over two semesters help the students to hone their ability to apply innovative ideas to solve engineering problems.



### Career Prospects

There will be ample opportunities to carry out final year projects through internship in well-established core engineering companies in which students get exposure to the state-of-the-art Industry standards. These internships easily get converted to full time job opportunities.

## M.Tech. in Power Electronics and Drives

### Duration

2 Years (4 Semesters)

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

**Last date to apply:** 15.05.2022

**Commencement of Classes:** 01.08.2022  
(tentative)



### Program Description

M.Tech in Power Electronics and Drives emphasizes on advanced topics in Power Electronics specialization such as Power Electronic Converters, Electrical Drives, Embedded systems in Power Electronics, Application of Power Electronics, Power System, Control System design. Laboratory assisted theory courses help the students to get practical knowledge about the theoretical concepts.



### Focus

Students will get extensive hands-on & industrial training in the fields of Power Electronics, Drives, Embedded systems, Electric vehicles and demonstrate proficiency. They are exposed to best practices and recent developments in Power Electronics industry and research.



### Career Prospects

Students with Power Electronics and Drives specialization will have very good opportunities in industries in the field of Power Electronic converters, Electric vehicles, Battery management, Solid state lighting, and Electric Power sector. They can pursue higher studies leading to Ph. D in reputed universities in India and abroad

## M.Tech. in Software Engineering

### Duration

2 Years (4 Semesters)

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

**Last date to apply:** 15.05.2022

**Commencement of Classes:** 01.08.2022  
(tentative)



### Program Description

M. Tech. in Software Engineering provides graduates the necessary skills to design and development of software systems, tools and applications in software domain



### Focus

The course focuses on subjects like mathematical logic, advanced data structures and algorithms, software architecting, advance database system, cloud computing, software testing, and machine learning to prepare the graduates in relevant domains.



### Career Prospects

Students would be able to apply the knowledge of software development life cycle to solve problems of social relevance and pursue multi-disciplinary research. They would be employable in software development industry. In addition, they are eligible for Public Sector Units. They are suitable for undertaking research in India and abroad.

## M.Tech. in Structural Engineering

### Duration

2 Years (4 Semesters)

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

**Last date to apply:** 15.05.2022

**Commencement of Classes:** 01.08.2022 (tentative)



### Program Description

M. Tech. in Structural engineering course is designed to provide knowledge in advanced Structural engineering subjects to meet the contemporary structural engineering projects.



### Focus

The course embraces the subjects like Advanced Strength of Materials, Finite Element Analysis, Structural Dynamics, Reinforced and Pre-Stressed Concrete, Steel Structures, Design for Earthquake, Tall Buildings and Towers, Computer applications in Structural Engineering, Offshore structural engineering, Professional practices in structural engineering etc. Curriculum includes dedicated practical session to expose the students to Structural engineering practices and computer applications in the field of Structural engineering. Students will be able to design civil engineering structures and will be employable in structural engineering industry or research institutes. Final year of the curriculum is dedicated for Project work with flexibility to carry out the project work in Institute/industry/research centre to develop research competency in students for benefit of stakeholders



### Career Prospects

The students on completion of course would be employable in Structural engineering consultancy firms/ Industries, construction engineering industries, Research centres and Institutes.

## M.Tech. in Thermal Sciences and Energy Systems

### Duration

2 Years (4 Semesters)

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

**Last date to apply:** 15.05.2022

**Commencement of Classes:** 01.08.2022 (tentative)



### Program Description

M. Tech in Thermal Sciences and Energy Systems is designed to impart necessary skills for engineers with specific focus on thermal power and renewable energy systems.



### Focus

The course embraces the subjects like Design of Thermal Systems, Advanced Fluid Dynamics, Solar Thermal Energy Systems, Energy Conservation and Management, Finite Elements methods for Heat and Fluid flow, Applied Numerical Analysis, Computational Fluid Dynamics, Design of Heat Exchangers, Measurements in Thermal Engineering, Steam and Gas Turbines, Refrigeration and Cryogenics. Further, they will undergo practical courses viz. Thermal laboratory and Renewable Energy laboratory as well as training in the usage of ANSYS – APDL and FLUENT. The industries/research organizations that offer internship/research project opportunities for students are Bosch, Altair, Sabic, Volvo, Tata Motors, Cummins, Indian Institute of Science, Bhaba Atomic Research Centre etc. Students would be able to apply the knowledge of thermal engineering to solve problems of social relevance and pursue multi-disciplinary research.



### Career Prospects

More than 150 alumni are working for various Energy and Automobile industries like Ingersol Rand, Cummins, Tata Motors). Many are pursuing doctoral studies in reputed foreign universities as well as IITs.

## M.Tech in Wireless and Mobile Communications (WMC)

### Duration

2 Years (4 Semesters)

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

**Last date to apply:** 15.05.2022

**Commencement of Classes:** 01.08.2022 (tentative)



### Program Description

M. Tech in Wireless and Mobile Communications (WMC) offered by the Electronics and Communication Engineering Department provides the budding engineers with a spectacular array of courses dedicated to frontiers in the field of wireless and mobile communications, 5G, 6G and beyond, antenna design for wireless communication with a foundation of Communication Engg. The 2-year full-time program presents exposure to hands-on technologies to create applications and solutions for the world that we live in. The M.Tech. Program in WMC is especially designed for young innovators to provide them a breadth as well as depth for designing systems and network for the current era of IOT, 5G, 6G and all future portable wireless communication systems and devices.



### Focus

This M.Tech. Program is intended to focus on to generate trained academic, research and industry ready personnel in the highly demanding, useful and emerging area of wireless and mobile communications. The program focuses on core subjects from Wireless Communications, antenna engineering, Computer networks, advanced topics in wireless communications, mobile computing, sensor networks, machine learning, signal processing, multimedia systems and applications such as 5G, 6G and beyond network and Communication, smart city landslide

detection, environmental monitoring, smart agriculture, transportation, environment monitoring, healthcare, and smart wearable etc.



### Career Prospects

With the growing pace of communication and globalization, wired communication technology is increasingly being replaced by cheaper, smarter and easier wireless communication. Popular areas of employment include Telecommunication Engineering, Satellite Communication, Manufacturing and Operation of telecommunication devices, etc. in both government and private sector. Some of the top private MNCs which require wireless and mobile communications engineers are Qualcomm, L&T, Intel, Philips R&D, Samsung R&D, Siemens, Alcatel Lucent, IBM, Bosch, Texas Instruments, Connect Broadband, Wipro, Tata Telecommunication, Mercedes, CISCO etc. Similarly many government PSUs, which recruit communication engineers, are ISRO, DRDO, BHEL, BEL, ONGC, AAI, BSNL, HAL, BDL etc.

## Master of Computer Applications (MCA)

### Duration

2 Years (4 Semesters)

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

**Last date to apply:** 15.05.2022

**Commencement of Classes:** 01.08.2022 (tentative)



### Program Description

Master of Computer Applications is designed to meet the demand of the constantly evolving IT industry requirements of a software engineer. The program is designed as a 80- credit post-graduate degree programme, requiring 3 semester engagement in college and the last semester for internship in a company.



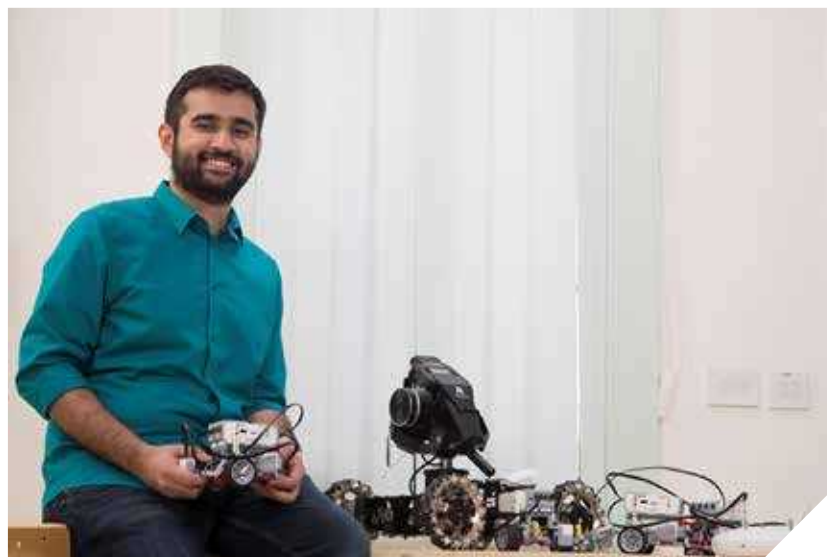
### Focus

The program focuses on ensuring that the students would be able to study, plan, design, develop and maintain domain specific software applications along with imparting knowledge in areas such as internet of things, computational intelligence, cyber forensics, game programming and ethical hacking.



### Career Prospects

The employment profiles for a graduating student would include Software engineers, Business Analysts, Technology Analysts, Data analysts, Product Engineers, web designers and mobile app developers They would be employable in companies such as Amazon, GSK, DirectI, MAQ, Manch, Plavaga, Amitech, HacherEarth, Cerner Healthcare to name a few. In addition, they are eligible for research in R & D division of the IT sector in India and abroad.



# MANIPAL SCHOOL OF INFORMATION SCIENCES [MSIS]

Manipal School of Information Sciences (MSIS), an industry driven state-of-the-art institute of excellence was set up in the year 1998. Since its inception, the Institute has been continuously striving for excellence in education, training and research with a mission of offering "Value Based Education".



MSIS has been conducting AICTE approved post graduate programs in the highly specialized areas like Embedded Systems, VLSI Design, Big Data Analytics, Cloud Computing, Artificial Intelligence and Machine Learning. The institute is working in close association with industry giants like Philips, Applied Cognition Systems (APCOG), MiraFra Technologies and Manipal Dot Net (MDN) for its PG programs. At MSIS, we create a vibrant environment where creativity and discipline strike a balance.

MSIS provides an ideal place for creative thinking and hard working. Students studying here are well accepted in premier industries. The industry linkages and practical oriented curriculum provide our graduates a great breakthrough in their career. The infrastructure, teaching and the placement makes it an ideal destination for postgraduate studies. The program and subjects are updated very frequently based on industry feedbacks.

The institute primarily facilitates students for project-work placement in premier industries to do a project in the second year. Institute is ISO 9001:2015, 14001:2015 & 50001:2011 certified.

### Research Excellence

- There are 14 part-time and 4 full time research scholars carrying out their research in MSIS
- More than 100 International indexed journal papers published
- Indian Patents applied: 7
- Patents obtained: 2

### Research Projects

#### Image Analysis

- Bone mineral density evaluation
- Telemedicine application for Malaria detection
- Cervical cancer screening system
- Decision support system for Leukaemia detection
- Multimodal image registration and fusion

#### Hardware

- Miniaturized self-activated electrolarynx
- Predictive labour progress model

#### ICT

- Adaption of information and communication technology platform to enhance the agricultural productivity
- Strategic E-commerce model for rural market, a study with reference to agro products in coastal region
- M-commerce business model for fishing industry of coastal Karnataka

#### Data Mining

- Knowledge based information system for rural healthcare data sets using data mining techniques
- Design of an efficient parallel framework for transactional and analytical queries
- Efficient algorithms for discovering rare itemsets and their occurrence behaviour in data streams

#### Others

- Design of low power-delay product multiplier and divider units
- Design and implementation of energy efficient and Quality of Service (QoS) aware protocols for wireless sensor networks
- Design of an efficient Metadata Management system and Governed Access Zone for Data Lake

### Advantages in MSIS

- All courses are industry relevant
- Well organized support for project-work placement to do project in the industry
- Project work placement training by alumni working in industries
- Technical talks and workshops from Industry Experts
- Curriculum that encourages learning-by-doing
- GATE scholarship for eligible students
- Well-equipped industry standard hardware and software laboratories for training

- Industry sponsored labs such as Applied Cognition Systems Lab, and Centre for Software Development (CSD) Lab
- Opportunity to study abroad
- Access to labs beyond working hours
- The labs are equipped with hardware like ARM Microcontroller Development Boards, Raspberry Pi Boards, Arduino Boards, Xilinx Boards, Altera Boards and software tools like DICOM Suite, Cadence research suite, Linux Device Driver Development, Microsoft Toolset, QUALNET
- Opportunities to work on industry defined mini-projects during their academics. Industries that participate in offering mini-projects are APCOG, CSD, Philips, Volmo, MIRS, alumni working in Industries and MiraFra Technologies.
- Centre for Software Development (CSD) – MSIS has an in-house software development facility. Goal of this centre is to develop software required for MAHE and its constituent units. It has developed and deployed more than 20 software and has expanded to provide software solutions to other educational institutions. Students will have opportunity to work on industry standard live projects on various technologies like Android, Java and Dot net.
- Medical Imaging Research Suite (MIRS) – Activities involving investigation of new protocol in the area of Musculoskeletal Imaging. Facilitates student and faculty to carry out research to bring out publications, patents and products. Seeks Industry support for collaborative research.



### ➤ Inbound Study Abroad Program with Efrei, France

- Efrei, France has identified Manipal Academy of Higher Education (MAHE), Manipal along with universities from US, UK, Malaysia etc. for their Study Abroad Program (SAP)
- Efrei, France Usually Sends TWO batches of students every year (spring and fall) to study SIX modules in MSIS for a duration of 16 weeks. So far 243 students have completed this program since March 2015

### ➤ Scholarships to MSIS students

- MSIS has instituted Scholar and Achiever scholarship in the form of 20% course fee waiver based on Manipal Entrance Test. A total of 265 scholarships have been awarded since 2010. These scholarships will be awarded as per the MAHE guidelines.
- Other MAHE Scholarships for the eligible students

### ➤ Achievements and Recognitions

- Institute is ISO 9001:2015, 14001:2015 & 50001:2011 certified
- Interview of our 2018 batch of Embedded Systems students who had participated in Smart India Hackathon – 2019 competition was telecast in Chandana channel on Aug 14, 2019
- Our faculty got a Mentor Certification for his exceptional contribution as a Mentor in Smart India Hackathon – 2019 competition
- The investigators from MSIS institute have obtained a grant for “Development of ECO (Easy Cervico Optimizer) - A Novel Device to Facilitate Cervix Cancer Screening” (CAMTech innovation award-2015, US\$50,000 from the United States Agency for International Development, organized by Massachusetts General Hospital, USA).  
“PRESCRIP-TEC”: Prevention and Screening Innovation Project towards Elimination of Cervical Cancer (Indo-EU joint collaborative research project in 2021 for an amount of Rupees 4.43 Crores).  
“Design and Development of Wearable Electrolarynx with Minimal Human Intervention and Speech Enhancer”(Innovation, Technology Development and Deployment, DST India for an amount of Rupees 12 Lakhs).

“Development and clinical validation of Non Contact Health Screening Kiosk for COVID 19 Patient” (Philips India Ltd, for an amount of Rupees 11.5 Lakhs)

- Faculty team at MSIS has setup Private Cloud using OpenStack software suite on top of on-premises infrastructure. This offers services like Compute, Storage, Network, Security, Automation, Container Orchestration, and Data Processing services. Cloud infrastructure is provisioned mainly to provide complete hands-on/insight into how cloud services are configured and work together at infrastructure level in-order to complete the request of cloud consumers.
- MSIS alumnus Dr. Niha Beig (2012-14 Batch MSc Tech Medical Software) has received the “2021 Doctoral Excellence Award” from the office of Graduate Studies at Case Western Reserve University, USA.
- MSIS Students Gayathri N.R and Vatsal Patel of Embedded Systems, bagged the 2nd prize and a cash award of INR 50,000 for their project titled “Tracking Controller For The Parabolic Reflector with Static Focus” organized by IESA (India Electronics & Semiconductor Association), organized a Super Project Contest in the year 2014. The project has been carried out at World Renewal Spiritual Trust, Bangalore. This tracking system is currently being used by the NGO World Renewal Spiritual Trust India, at their Mount Abu Solar Plant.
- All India Paper Presentation Contest – Nov 2014, organized by Infineon Technologies, Bengaluru. There were 80 papers for the presentation from all over India. Our students bagged TWO Prizes.
- Students from Embedded Systems (Second Place): Ms. Anjana Joshi, Ms. Ankitha K. A. and Ms. Manasa B. N for their paper on Intelligent Vehicle using Electric IMP. Prize money INR 40,000
- Students from VLSI (Third Place): Ms. Dhanya Hegde and Mr. Pradeep V for their paper on Low Power consumption concept. Prize money INR 30,000



### Engineering Companies that Offered Students Project Work in 2021

Intel	Dell	Nvidia	Xilinx	VMware
Cadence	Infineon	NXP Semiconductor	Ensilics	CEAT
Synopsys	IBM	Whirlpool	Meddiff	FireEye
Philips	KPIT	DSP Group	Selekt	Gigasy
Samsung	Reliance Industries	Marvel	Spirent	Mcafee
Paypal	Continental	Microchip	NetApp	Schneider Electric
Analog Devices	Oracle	Consilient Tech	Synconext	MAST
Cypress	Robert Bosch	Arris	Embitel	Alog
Ericsson	Cerner	Avin Systems	Sabic	L&T
ST Microelectronics	Beckman	Data Team	Sentienz	GE Healthcare

#### Industry / Organization Partnership



#### Industry Engineers Graduated on Part Time Basis from MSIS

- Zeta Infotech: 05
- Robosoft: 11
- Manipal Dot Net: 06
- APCOGSYS: 03

#### Placement Advantages

- MSIS students were selected for Project work with a stipend ranging from Rs. 15000 to Rs. 50,000 per month.
- Most of the students get project work in domain Specific /core companies

- Generally most of the companies convert these students to a full time employee after successful completion of the project work
- Most of the times companies visit campus to select students for the project work. However in some cases students have to visit the companies if the number of students for the selection process is very small
- MSIS has signed MoU with Manipal Dot Net (MDN), Applied Cognition Systems (APCOGSYS) for the student project works
- MSIS has in house software development company, Centre for Software Development (CSD) where students have opportunity to carry out live projects
- Collaboration with Mirafra Technologies in the form of training and teaching by their Engineers.

#### Lab facilities in MSIS

- MSIS has VLSI Lab, Data Science Lab, AI&ML Lab, Embedded Systems Lab, and Cloud Computing Labs. It also has Industry Sponsored labs – APCOGSYS Lab, and Centre for Software Development (CSD) Lab. Students can do their assignments and projects in these labs
- Students have the privilege of working with industry standard software tools like Cadence, Altera, Xilinx, Matlab, Qualnet, Nucleus RTOS, Code Composer and Microcontroller kits like Intel 8051, Motorola 68HC11, PIC16F877, ARM Cortex, and many more. Students have worked on these software tools and hardware boards and are working in the leading industries across the globe.

#### (ME) Eligibility Qualification:

Pass in the BE/BTech programs from Electrical Stream and Computer Science Stream from a recognized university with minimum 50%

## ME (VLSI Design)

### Duration

2 Years (4 Semesters)

**Eligibility Criteria & Admission Process**  
Refer **Section 2**

**Course Fees, Hostel Fees, Refund Rules**  
Refer **Section 3**

**Last date to apply:** 15.05.2022

**Commencement of Classes:** 22.07.2022



### Program Description

This program aims at imparting the knowledge and enhancing the skill sets required to work in the rapidly growing “Electronic Design Automation” (EDA) and VLSI Design industry. Students are trained in the usage of industry standard EDA tools from Cadence, XILINX, MENTOR GRAPHICS, and Altera etc. to design, verify and test efficient integrated circuits meeting specified design constraints and specifications.



### Focus/ Career Prospects

Adequate knowledge is given to design and develop both digital and analog ICs which are optimized for low power. Students are made to use Data structures, efficient algorithms, and various CAD methods in the development and enhancement of EDA tools. This makes them equally competent for both VLSI Design and EDA industries. Extensive training is also provided in the area of VLSI design verification to enable the students to easily enter into ample verification job market. Interested students can also do research.

## ME (Embedded Systems)

### Duration

2 Years (4 Semesters)

**Eligibility Criteria & Admission Process**  
Refer **Section 2**

**Course Fees, Hostel Fees, Refund Rules**  
Refer **Section 3**

**Last date to apply:** 15.05.2022

**Commencement of Classes:** 22.07.2022



### Program Description

The embedded systems program strikes a balance between high-level system design and subsystem component engineering. It's all about “constrained product design.”, delivering balance for hardware-software co-design. The Unique Selling Point of the program is the Real-world coding experience and hands on project work.



### Focus

The students acquaint themselves with both theoretical and practical training, preparing them to meet the demands of the industry. RTOS, Device Drivers, designing with modern microcontrollers, Digital System Design and other vital areas are all covered in depth. Apart from System level experience, courses like Embedded Software Design and Mobile Application Development provide exposure to Software Application Development.



### Career Prospects

Engineers will be able to work as embedded system designers, architects, embedded application developers, and embedded software developers after graduating from this program. The curriculum also paves the way for Research Aspirants to pursue their interests in areas of Embedded Systems. Our Alumni are placed in Fortune 500 businesses including Intel, NXP, Philips, Infineon, and many others.

## ME (Big Data Analytics)

### Duration

2 Years (4 Semesters)

**Eligibility Criteria & Admission Process**  
Refer **Section 2**

**Course Fees, Hostel Fees, Refund Rules**  
Refer **Section 3**

**Last date to apply:** 15.05.2022

**Commencement of Classes:** 22.07.2022



### Program Description

Big Data and Data Analytics are playing an important role in business, government, healthcare and education. More and more organizations these days use their data to build a decision supporting tool and data-intensive products and services. Data Analytics combines principles and techniques from mathematics, computer science and machine learning for offering predictive and prescriptive solutions. This program will cover the basic concepts of big data, methodologies for analysing structured and unstructured data with emphasis on the relationship between the Data Scientist and the business needs.



### Focus

Students are trained on Hadoop and ecosystem, Spark, Applied statistics, Machine learning, Modern Database Systems, Data Visualization and Data Analytics



### Career Prospects

This program will pave path for the engineers to work as Data Engineers, Data Scientists, Business analysts, Data Analysts and Big Data Developers. Interested students can also do research.

## ME (Cloud Computing)

### Duration

2 Years (4 Semesters)

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

**Last date to apply:** 15.05.2022

**Commencement of Classes:** 22.07.2022



### Program Description

As more and more IT industry are moving their infrastructure towards the cloud, there is a huge demand for cloud architects and engineers. Cloud computing also being the trending technology which enables the handling of Big Data. The demand in the research and job market, motivate to have an exclusive program on the Cloud computing



### Focus

Students are trained on how to work, manage, and deploy the cloud based on current standards, protocols, and best practices. Students will understand the infrastructure, security issues and handling Big Data on the cloud, automate software product life cycle, automate Cloud infrastructure development for web applications and provide end-end cloud business solutions. The AWS Cloud Competency Framework provides the students to access AWS Academy (Learning Management System) with self-paced learning courses and sandbox environment to complete lab activities. Program contents are also designed such that it prepares the students for AWS Certifications.



### Career Prospects

The program offers wide range of excellent career opportunities as Cloud systems engineers, Cloud Software Application Engineers, Cloud Architects, Cloud Consultants, Cloud Security Experts, Business Analysts and Software Developers. Interested students can also do research

## ME (Artificial Intelligence and Machine Learning)

### Duration

2 Years (4 Semesters)

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

**Last date to apply:** 15.05.2022

**Commencement of Classes:** 22.07.2022



### Program Description

Artificial Intelligence (AI) and Machine Learning (ML) are shaping the world around us and will play a ubiquitous role in diverse fields in the future. There is an ever-increasing industrial demand for professionals equipped with solid mathematical, computational, and coding skills who can play an integral role in applying AI & ML skills to real-life problems. The ME in Artificial Intelligence and Machine Learning Program is a post-graduate program aimed at producing highly skilled AI & ML Engineers who can adapt to the rapidly advancing field. The Program has a comprehensive mix of fundamental mathematical and practical skills that offer the graduates highly rewarding career opportunities.



### Focus

Students will acquire solid mathematical and computational skills essential for understanding, applying, and developing modern machine learning algorithms. They will be able to identify appropriate and efficient algorithmic approaches for solving real-life problems using machine learning principles and state-of-the-art software prevalent in industry and academia. Through ethical practices, teamwork, and leadership skills, students will use AI & ML skills to address problems of social importance for sustainable societal development.



### Career Prospects

The program creates the opportunity to work as Data Scientist, Machine Learning Engineer, Data Engineer, Software Developer, and Entrepreneurs.





# DEPARTMENT OF SCIENCES [DSc]

Department of Sciences was established in the year 2009 as Department of Applied Science and renamed as Department of Sciences in 2011. It comes under Manipal Academy of Higher Education Teaching Department and functions at MIT. It offers M.Sc. and Ph.D. programs in Physics, Chemistry, Mathematics and Geology. The principal objective of the department is to excel in different areas of science. The Department of Sciences is one of the resourceful academic departments in Manipal Academy of Higher Education with highly qualified, experienced and motivated faculty members from the parent institution MIT who are committed towards teaching and research. The commitment to postgraduate teaching with emphasis on professionalism and research orientation is reflected by large number of publications by the faculty members.





The department of Chemistry has qualified faculty and excellent research facilities. The students get hands on experience in handling UV Visible spectrophotometer, FTIR, electrochemical workstation, TGA/DTA/DSC, Optical Polarizing Microscope, Gouy Magnetic Susceptibility Apparatus etc., In addition to this instruments like, SEM-EDX, XRD, AFM, NMR etc which are available as central facility helps to enhance the research activities. In the last five years the faculty members have published around 282 research papers and presented about 100 research papers in both National and international conferences. Most of the students with M.Sc Chemistry are well placed in leading industries in India and abroad. (Diageo, Syngene, MRPL, MCF, Anthem bioscience, LCGC, Sequent, Eurofins Advinus Merck, Shell, ArkGen, ITC). Some are pursuing their Ph.D degree at leading institutes (UK, Hungary, Italy, South Korea, Czech, Thailand), NCL Pune, BITS (Hyderabad & Goa), NITK and Students have cleared the competitive exams such as CSIR-UGC-JRF, GATE and KSET.

Main research focus areas are: Liquid Crystals, Corrosion studies, Dye sensitized Solar cells, Thermoelectric Generator, Florescent Materials, Polymeric Materials, Composite Materials, Drug Discovery, Green Hydrogen, Security printing ink, Packaging materials.

Department of Physics, known for its excellence in teaching and research, provides an excellent atmosphere for any student aspiring to build his/her career in Physics. The department has well equipped laboratories where students, in addition to regular classroom based teaching, are given hands on exercises in general physics, condensed matter physics, electronics, optics, optoelectronics and nuclear physics. Various students who have obtained their M.Sc. (Physics) degree are pursuing/have completed their doctoral studies (Ph.D.) from reputed institutes in India (like IIT, NIT, IGCAR, CeNS, etc.) and abroad (Adam Mickiewicz University (Poland), Center for Nano Science and Technology (Italy), National Tsing Hua University

(Taiwan), Clemson University (USA), DESY (Germany), JINR (Russia), University of Cologne (Germany)). To date, 14 of our M.Sc. graduates have obtained their Ph.D. degree. Many of our graduates are working as faculties in various reputed colleges/institutes. Some of our students are placed in reputed companies like Accenture, Wipro, etc. and in various public and private sector banks.

Apart from teaching, the faculties of the Department are actively engaged in research. Main research focus areas are: Condensed Matter Physics, crystal growth, thermoelectrics, glasses and polymers, radiation and nuclear physics, nanomaterials, thin film based devices, solar cells, spectroscopy, non-linear optics and high energy physics. The departmental research laboratories are equipped with sophisticated instruments like vacuum coating units (PVD and Sputtering), SILAR, spin coating unit, crystal growth unit, closed cycle cryostat for electrical and optical measurements, CW He-Ne laser, Z-Scan System, XRD, UV-Visible spectrophotometer, Keithley source/multi-meters and particle detector. Department has obtained funding for projects from various national agencies like DST, SERB, BRNS, CSIR, CSR, VGST, etc. and has completed 18 funded research projects and 11 are ongoing. Department also organizes various conferences/workshops/lectures from time to time.

Students who pursue M.Sc in Mathematics are able to study mathematics (pure/applied) with experience in Lab ('C' Language/ MAT lab / Data structure) and get

good exposure in research through project work. They are well placed in academia and industry. Faculty members of the department have produced nearly 200 papers in national and international journals in last five years.

The Geology section with the department of Civil Engineering offers Masters programme in Geology. There is a state-of-the-art geochemistry lab with instruments like ion chromatograph, anodic stripping voltammetry, microwave digester, UV-visible spectrometer, TOC analyser, ICP-OES, AAS, autotitrator etc. The microscope laboratory houses high-end microscopes for petrological and micropaleontological studies. Students can gain hands-on experience working on ArcGIS and ERDAS software. Adequate geological field kits are available. The department has well qualified faculty in geology with 20-30 years of experience in teaching and research. Students who qualify Masters of Science in geology are accepted as geologists in GSI, ONGC, several mining and petroleum exploration companies and remote sensing and GIS establishments.

Campus placements have commenced since 2022. JSW has made placements, while companies like AECOM, Tata Steel, Vedanta are expected to place more students.

Besides, students are also trained to prepare and qualify competitive exams such as CSIR-UGC-JRF and GATE that can help them to secure admissions to Ph D course in prestigious national research laboratories. Students are also encouraged to secure Ph D scholarships in foreign universities.



### Our Pride

- **Ms. Vidya Marina**, (M Sc Geology, 2015-2017 batch) is pursuing her Ph D in Slovak Academy of Sciences, Slovakia, with Scholarship.
- **Mr. Shibashis Guru**, (M Sc Geology, 2017-2019 batch) qualified the CSIR-JRF test and is pursuing his Ph D at the CSIR-Institute of Minerals and Material Technology, Bhubaneswar.
- **Ms. Ruchi**, (M Sc Geology, 2018-2020 batch) is pursuing her Ph D at the GFZ Helmholtz Centre Potsdam, Germany, with scholarship.
- **Mr. Ganesh Khatei** (M Sc Geology, 2016-2018) has been accepted for the Ph D program at Temple University, USA.
- **Mr. H M Devaraj** (MSc. Physics, 2010-12 Batch) has completed his Ph.D. from Manipal Centre for Natural Sciences (MCNS), Manipal. He has participated in experimental work along with GSI-Giessen, Germany and have discovered four exotic atomic nuclei to be added to the chart of the nuclides.
- **Ms. Rakala Nandini**, (Mathematics) 2015 passed out batch is pursuing her Ph.D in Florida Institute of Technology, Melbourne with Scholarship.
- **Ms. Selvine Mathias**, (Mathematics) 2011 passed out batch is pursuing her Ph.D in Germany, THI.
- **Ms. Bharti**, (Mathematics) 2018 passed out batch is pursuing her Ph.D in Amsterdam, UvA.
- **Ms. Anusha**, (Mathematics) 2020 passed out batch is pursuing her Msc, Data science and artificial intelligence in Germany, HHU.
- **Mr. Upal Bhattacharya**, (Mathematics) 2020 passed out batch is pursuing his Ph.D in Kolkatta, IISER.
- **Ms. Nirmal Sharon Paul**, (Mathematics) 2021 passed out batch is pursuing her Ph.D in North Carolina, Duke University.
- **Mr. Manjunath Bhat** (MSc Physics, 2010-2012 Batch) is pursuing his PhD from Adam Mickiewicz University, Poland.
- **Ms. Subhashini** (MSc Physics, 2010-2012 Batch) has completed her PhD from NITK, Karnataka.
- **Mr. Prashanth Nayak** (MSc Physics, 2012-2014 Batch) is pursuing his PhD at Centre for Nano & Soft Matter Sciences, Bangalore.
- **Ms. Anupama Anna Thomas** (MSc Physics, 2013-2015 Batch) has completed her PhD at Center for Nano Science and Technology, Italy.
- **Ms. Meenakshi Rajagopal** (MSc Physics, 2014-2016 Batch) is pursuing her PhD at Clemson University, USA.
- **Ms. Anjana Uday** (MSc Physics, 2015-2017 Batch) is pursuing her PhD at University of Cologne Germany
- **Ms. Sriyansri Acharya** (MSc Physics, 2014-2016 Batch) is pursuing her PhD at IIT Indore.
- **Ms. Hrudya Radhakrishnan** (MSc Physics, 2014-2016 Batch) is pursuing her PhD at IGCAR, Kalpakkam.
- **Mr. Anand S Hegde** (MSc Physics, 2014-2016 Batch) is pursuing his PhD in National Tsing Hua University Taiwan.
- **Ms. Fiona Crystal Mascarenhas** (MSc Physics, 2017-2019 Batch) is pursuing her PhD at KU Leuven University.
- **Ms. Pavitra Ganapati Bhat** (MSc Physics, 2018-2020 Batch) is pursuing her PhD at Comenius University, Slovakia.
- **Mr. Olin Lyod Pinto**, (MSc Physics, 2014 - 2016 Batch) is pursuing his PhD at DESY, Hamburg, Germany.
- **Ms. Meghashree C H** (MSc Physics, 2015 - 2017 Batch) is pursuing her Ph D at JINR, Dubna, Russia.
- **Dr. Kavitha Sanjeev** (MSc Chemistry, 2011-13) obtained her PhD from Politecnico di Milano, Italy in the year 2017
- **Mr. Sandesh Nayak**, (MSc Chemistry, 2014-16) is a PhD Student at KIST, South Korea
- **Ms. Preeti W** (MSc Chemistry, 2015-17) is a PhD Student at Thammasat University, Thailand
- **Mr. Vignesh** (MSc Chemistry, 2015-17) is a PhD Student at Eötvös Loránd University, Budapest, Hungary
- **Ms. Ayushi Tripathi** (MSc Chemistry, 2016-18) is a PhD Student at Korea University, South Korea
- **Mr. Amir Mohammad** (MSc Chemistry, 2016-18) is a PhD Student at University of Manchester, UK
- **Ms. Angelia Alfred** (MSc Chemistry, 2016-18) is a PhD Student at Charles University, Czech
- **Ms. Angelia Alfred** (MSc Chemistry, 2017-19) Summer Internship at NUS, Singapore (2018) Cleared CSIR UGC-NET exam (December 2019) and GATE exam (February 2020)
- **Mr. Aakash Krishna** (MSc Chemistry 2018-20) is a Ph.D student at Tianjin University PR China
- **Ms. Swarna Gowri**, (MSc Chemistry, 2015-17) is an INSPIRE fellow at MAHE, India
- **Mr. Ganesh Khatei** (M Sc Geology, 2016-2018) cleared GATE 2020.
- **Mr. Shibashis Guru** (M Sc Geology, 2017-2019) cleared GATE 2020.
- **Ms. Kumarika Sarmah** (M Sc Geology, 2019-2021) cleared GATE 2021.
- **Ms. Aathira S Rajan** (M Sc Geology, 2018-2020) cleared GATE 2022.
- **Ms. Satarupa Pattanaik, Mr. Haroon Muhammed, and Mr. Hari Raam** (M Sc Geology, 2020-2022) were recruited as Geologists by JSW Steel Limited at a salary package of Rs. 8.00 lakhs per annum through campus placement.
- **Ms. Mythili K** (MSc Chemistry, 2017-19) is an INSPIRE fellow at MAHE, India
- **Dr. Praveen K** (MSc Chemistry, 2012-14) obtained his Ph.D from NITK Surathkal.
- **Ms. Alakananda Patra** (MSc Chemistry, 2015-17) is a Ph.D student at Raman Research Institute, Bengaluru.
- **Mr. Dheeraj** (MSc Chemistry, 2016-18) is a Ph.D student at Jain University.
- **Ms. Samrudhi B.M.** (MSc Chemistry, 2019-21) is a Ph.D student at Jain University.

## M.Sc Physics

### Duration

2 Years (4 Semesters)

### Eligibility Criteria & Admission Process

Refer Section 2

### Course Fees, Hostel Fees, Refund Rules

Refer Section 3

**Last date to apply:** 15.05.2022

**Commencement of Classes:** 22.07.2022



### Program Description

The course focuses on the subjects like condensed matter physics, classical and quantum physics, electromagnetic theory, spectroscopy, nuclear and particle physics, statistical mechanics, computational physics, experimental methods, general relativity, and electronics. Students will get hands-on experience in laboratory classes in these subjects as well. Course also offers number of program electives and open electives to get up-to date knowledge in other branches of Physics like nonlinear optics, thin films, superconductivity, quantum field theory, etc. In addition to this there will be a project work in fourth semester where students get hands-on experience to recent research activities.



### Focus

To update students with latest development in different disciplines of the subject keeping syllabus as recommended by UGC. Impart strong foundations on fundamentals. Provide experiential learning.



### Career Prospects

Research and teaching career in institutions of high repute. Well placed in various industries and labs.

## M.Sc Chemistry

### Duration

2 Years (4 Semesters)

### Eligibility Criteria & Admission Process

Refer Section 2

### Course Fees, Hostel Fees, Refund Rules

Refer Section 3

**Last date to apply:** 15.05.2022

**Commencement of Classes:** 22.07.2022



### Program Description

Major focus of the M.Sc Chemistry Program is on Organic and Applied chemistry as specialization. Over four semesters, both theory and laboratory courses are taught at an advanced level. In addition to this, course offers subjects like Inorganic, Organic, Physical and Analytical chemistry. Organic spectroscopy is one of the important subjects offered in two semesters. With a focus on skill enhancement, all the theory courses are coupled with practical courses. In addition to this there will be program electives and open electives on subjects like Industrial chemistry, Bioorganic & medicinal chemistry, Green chemistry, Polymer chemistry etc. Fourth semester mainly involves project work.



### Focus

To update students with latest development in different disciplines of the subject keeping syllabus as recommended by UGC. Impart strong foundations on fundamentals. Provide experiential learning.



### Career Prospects

Research and teaching career in institutions of high repute. Well placed in various companies, labs and Industries.

## M.Sc Applied Mathematics and Computing

### Duration

2 Years (4 Semesters)

### Eligibility Criteria & Admission Process

Refer Section 2

### Course Fees, Hostel Fees, Refund Rules

Refer Section 3

**Last date to apply:** 15.05.2022

**Commencement of Classes:** 22.07.2022



### Program Description

Course mainly focuses on subjects like Differential equations, complex analysis, Real analysis, Linear algebra, Graph theory, Stochastic process. C programming. Subjects like lattice theory, mathematical modelling, advanced numerical analysis, energy of graphs, cryptography are offered in the form of program electives and open electives. Laboratory course mainly involves Computer application lab, Mathematical software lab, data structure lab. Final semester mainly involves project work.



### Focus

To update students with latest development in different disciplines of the subject keeping syllabus as recommended by UGC. Impart strong foundations on fundamentals. Provide experiential learning.



### Career Prospects

Research and teaching career in institutions of high repute. Well placed in various companies and Industries.

## Integrated M.Sc. (Mathematics and Computing)

**Duration**  
5 Years

**Eligibility Criteria & Admission Process**  
Refer **Section 2**

**Course Fees, Hostel Fees, Refund Rules**  
Refer **Section 3**

**Last date to apply:** 15.05.2022

**Commencement of Classes:** 22.07.2022



### Program Description

Integrated M.Sc. (Mathematics and Computing) is a very sought after course with multiple exits at B.Sc., B.Sc. (Honours) and finally at integrated M.Sc. level. The program is a blended mixture of theories in mathematics and applications in computing. Multiple exits of the course will help students to choose their best either to pursue higher learning or to excel in the field of their choice.



### Focus

The program focus is on the overall development of the students, mainly in the theoretical concepts of mathematics, and their applications in computing. Classical subjects like Statistics, Linear Algebra, Combinatorics, Operations Research, and Multivariate Analysis appear with lab components along with theory in the course of study. The advanced application oriented subjects like Artificial Intelligence, Data structures, Object Oriented Programming will also appear with lab components, and are handled by the qualified departments like Computer Science, Data Science etc. Open electives offered by various departments of the institute in various semesters benefit students in diversified learning.



### Career Prospects

- Higher jobs in IT industry / Software / Data Analytics /AI-ML /Finance sectors.
- Higher Learning in Institutes / Universities in India (based on GATE score) and abroad (based on GRE score).
- Integrated Ph.D. programs in reputed Universities in India and abroad with free-ships.
- Credits transfer to Master's / Doctoral programs in India / abroad.
- Curriculum best suited to appear for NET/SLET/CSIR-JRF/GATE etc. conducted by Govt. of India
- Faculty positions at UG/PG colleges in Institutions/Universities.

## M.Sc Geology

**Duration**  
2 Years (4 Semesters)

**Eligibility Criteria & Admission Process**  
Refer **Section 2**

**Course Fees, Hostel Fees, Refund Rules**  
Refer **Section 3**

**Last date to apply:** 15.05.2022

**Commencement of Classes:** 22.07.2022



### Program Description

The course comprises mainly subjects like Crystallography, Physical geology, Meteorology & Geomorphology, Palaeontology, Sedimentary petrology, Metamorphic petrology, Hydrology, Photo geology, RS & GIS. Subjects like Geochemistry, Geophysics, Oceanography and Gemmology are offered as program electives and open electives. Students are also prepared to take up research as a career by teaching them Research Methodology & Technical Communication course. Students will have field trips and training programmes organised by the Geological Survey of India, visit to mines and research laboratories, oceanographic cruises, and internship programs. Fourth semester is mainly devoted to project work.



### Focus

To update students with latest development in different disciplines of the subject keeping syllabus as recommended by UGC/UPSC/ GATE. Impart strong foundations on fundamental knowledge. Provide experiential learning by giving mini research projects.



### Career Prospects

Research and teaching career in institutions of high repute. Well placed in various companies and Industries.

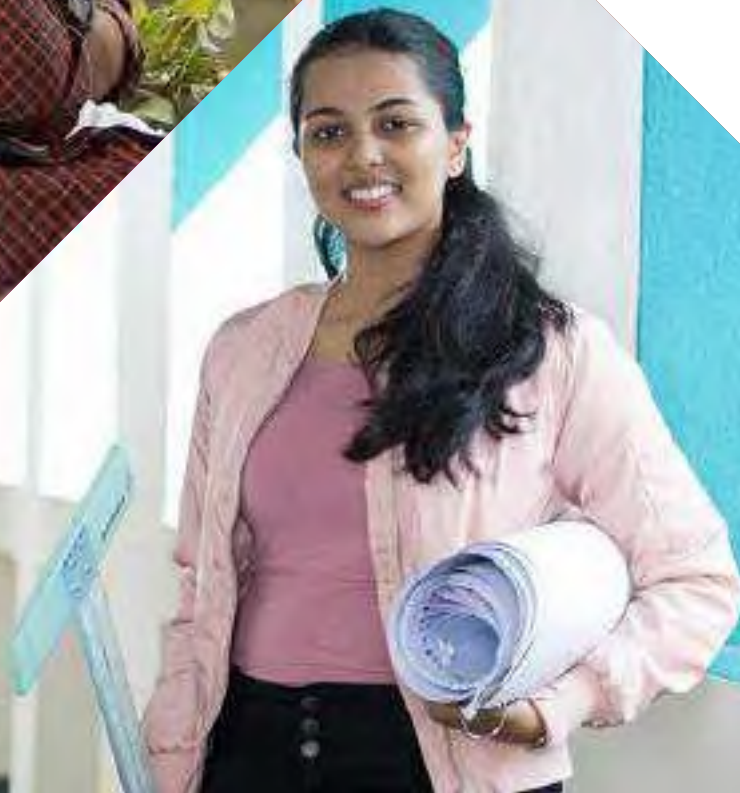


# MANIPAL SCHOOL OF ARCHITECTURE AND PLANNING [MSAP]

Manipal School of Architecture and Planning (MSAP) provides the best quality design programs in the domains of architecture and design in the country. Established in 1978, the school has a pioneering legacy of more than 40 years. MSAP fosters a creative, innovative and intellectually vibrant learning environment with a global outlook. It strives to establish academic and professional excellence in architecture and design.

MSAP, a constituent of MAHE is an Institution of Eminence (IoE), accorded by HRD, Government of India, having state of the art facilities

and infrastructure for professional education. It includes the design studios, computer lab with latest design software, various supporting labs and library with latest editions of architecture/technology /interior design/fashion design books and journals. Dedicated and experienced faculty members encourage student centric practices in theoretical as well as practical problem-solving, and hone their design thinking. Apart from the classroom teaching the program involve site studies, case studies, public participation, on site analysis and research targets which makes each subject a practically relevant/experimental and explorative application of design concepts and theories. Preparing students for timeless success in the profession of architecture and design while building their professional Career is the primary goal of the academic systems at MSAP





#2

Ranked 2nd in India's Top Private Institutes for Architecture  
Source: Outlook ICARE Professional College Rankings 2021.

#9

Ranked Number 9th amongst Top Architecture colleges in India  
Source: India Today MDRA Best Colleges Ranking 2021

#6

Ranked 6th Private College in the Architecture Category and overall 18th in the country in the National Institutional Ranking Framework (NIRF) 2021.

Ranked in top 10 Architecture colleges within NIRF during 2018.

Source: National Institutional Ranking Framework India Ranking 2018 & 2021

### Our Vision

Excellence in design education, enabling sustainable endeavors for societal well-being.

### Our Mission

- Develop core competencies of design and professionalism to address societal and environmental concerns.
- Enable experiential learning and community engagement to encourage inclusive and sustainable design.
- Provide international platform for interdisciplinary learning and collaborative research.

### Advantage

- International standard Infrastructure
- 80+ experienced in-house and visiting faculty from all across the country, graduated from prestigious national and international institutions with diverse fields of expertise.
- 1000+ finest array and quality of students from all across the country with balanced diversity between inter-state, intra-state and abroad.
- Evolving network of 2700+ established and successful Alumni placed all around the world.
- 50+ publications of faculty in national and international journals and several ongoing research projects.
- Several workshops and conferences conducted by the institution

- Tie-ups and Collaborations with several notable International Universities on research, student exchange programs and joint studios.
- Award winning students at national and international level.
- Robust and continuously evolving syllabi
- Large number of students selected for higher studies
- Quality placements in top companies
- Practice school to provide hands on industry exposure
- State-of-the-art technology labs and teaching infrastructure

### Recognitions

- Council of Architecture (CoA), New Delhi
- University Grants Commission, New Delhi

### Affiliations

Institutional Member, Indian National Trust for Art and Cultural Heritage (INTACH), New Delhi, IGBC Student Chapter

### Affiliations

- National Assessment and Accreditation Council (NAAC)
- ISO 9001:2008 ISO 4001:2004 certified

### Practical Exposure

Inputs for additional applied knowledge is given prime importance at MSAP. Research projects, faculty & student exchange and academic engagements for enhancement of architectural knowledge beyond the classroom and syllabus are intensely encouraged.

Students are inspired to make use of opportunities and can undertake academic enrichment in any other related Institute and/or organizations in India or abroad.

Additional to classroom learning, several case studies, field trips and workshops are part of the curriculums. Some of the latest Conferences and Workshops conducted in recent times:

- International Conference SHAAPED 2020 conducted by the institution with 3 prominent keynote speakers and 26 delegates from across the world.
- Intercultural Dialogue through Design ( iDiDe ) 2020, a joint design studio with students from International Universities like Deakin University and International Islamic University Malaysia (IIUM), Kuala Lumpur, Malaysia conducted at MSAP in the last academic year
- IALD Japan lighting Design Workshop 2021-"Nightscape of Asian Cities, Now and Future" at Udipi ShriKrishna Mutt, Malpe beach & Sea Walk with lectures by by Kenya Endo(Lecturer, NUS), Indo Cha ( Prof. Sungkyunkwan Univ., Seoul), Yoshiyuki Kawazoe ( Prof.

Tokyo Univ.) , Acharawan Chutarat (Prof. KMUTT, Bangkok), Xang Xin (Prof. Xinghua Univ., Beijing) (March, 2021)

- "Daylight Simulation Workshop"- Two day workshop on Daylight Simulation using Rhino - Grasshopper & honeybee - Ladybug by Expert Ar. Nikhil Bhandari and Ar. Garima Singh (February, 2021)
- Hands-on Virtual Workshop on Representation Techniques (April, 2021)
- Two days Workshop on Kaavi Art by Janardhana Rao Havanje at MSAP (January 2020)
- Workshop on "Design Material Exploration Application of clay in 3D model making" by Satish Heroor at MSAP (January 2020)
- Workshop on "Color Techniques Application of Acrylics" by Satish Chandra at MSAP (Feb 2020)
- Mannu Shilpa A hands on mud architecture workshop for 1st, 2nd, 3rd year B.Arch students by experts Ar. Kaushik Uppoor and Ar. Gaurav Agrawal (Feb 2020)
- Two day Lighting workshop & Light Exhibition conducted by IALD (International Association of Lighting Designers) at MSAP (Feb 2020)
- SHAAPED 2020 (Studies In Habitat With Academic Alliance In Planning Environment And Design) International Conference on "Design for Health Wellbeing" organized at MSAP (March 2020)

### Guest Lectures

- Guest Lecture on " the Architecture of Intelligence, Role of AI and Machine Learning in Architecture" (Oct, 2020)
- Guest Lecture on "Evidence based Design and Trends in Healthcare Design" by Ar. Meghna P. (Oct, 2020)
- A lecture on Qualitative Research by Expert Dr. Sumita Rege, as part of ARC 14 308-Research Techniques 6th sem B.Arch. students. (February, 2021)
- DESIGN MATTERS- Lecture Series by Ar. Gaurav Sanghvi, Mr. B L Manjunath, Ar. Richa Bose,

Ar. Kamal Chawla, Ar. Suprio Bhattacharjee, and Ar. Nikita Verma, for B.Arch, M.Arch Students & Faculties at MSAP, MANIPAL through online mode. (January, 2021)

- Expert Lecture by Mr. Anupam Raj, Mechanical Engineer (NIT Japiur) and specialized in Building Science (Arizona State University, USA). Tech Architect, YourMD.ca for Modelling and Operation of HVAC systems for M. Des. (May, 2021)
- Expert lecture by Ar. Deependra Prashad, for M. Arch. and M. Des. (Sustainable Design) students at MSAP.  
About Ar. Deependra Prashad, Principal Architect, DPAP and Director (INTBAU India), MICC, Visiting Faculty at various Indian and international Institutions, incl. SPA for M. Arch. and M. Des. (Sustainable Design)
- MSAP has participated on IALD workshop on Udupi City 2050 proposal (that explore the future on Lighting design in Asian cities ) and was voted #1 in the popularity poll organized by IALD Japan.  
<https://www.youtube.com/watch?v=k9kZ-u2sPol>
- MSAP has participated on IALD workshop on Udupi City 2050 proposal (that explore the future on Lighting design in Asian cities ) and was voted #1 in the popularity poll organized by IALD Japan.  
<https://www.youtube.com/watch?v=k9kZ-u2sPol>
- MSAP has hosted two 3-day National Level Training Programs and a Webinar in the months of September and December in collaboration with National Institute of Disaster Management (NIDM), Ministry of Home Affairs Govt. of India.
- MSAP has been selected to participate in "Smart cities and Academia Towards Action & Research (SAAR)" program, a joint initiative of MoHUA to document landmark projects undertaken by the Smart Cities Mission as apart of Azadi Ka Amrut Mahotsav (AKAM) celebrations across the country.

<https://pib.gov.in/PressReleasePage.aspx?PRID=1787614>

### Collaborations & Partnerships

MSAP collaborates fruitfully with various partner universities and research organizations are established for additional quality enrichment of the Institute. A few of the valued collaborations and partnerships are -

- HU University of Applied Sciences, Netherlands
- King Mongkut's University of Technology Thonburi, Bangkok, Thailand
- Fontys University of Applied Sciences, Netherlands
- The Universidade Estadual de Campinas (UNICAMP), Brazil
- Karabuk University, Turkey
- The University of Sydney, Australia
- Royal Melbourne Institute of Technology, Australia
- Deakin University, Australia
- Umea University, Sweden
- Hochschule Bremen, City University of Applied Sciences, Germany
- University of Cincinnati, USA
- Universal College of Learning, New Zealand
- Unitech Institute of Technology Auckland, New Zealand
- Royal Melbourne Institute of Technology (RMIT) Australia
- The University of New South Wales (UNSW ), Australia
- The Aga Khan Trust for Culture, Switzerland
- Universiti Teknologi Malaysia
- UCSI , Malaysia
- Queensland University of Technology, Australia
- IDIDE (Intercultural Dialogue through Design)
- Nirmiti Kendra

## Ongoing Research Projects

Project Name	Funding Agencies
Planning of domestic water systems for island communities in coastal karnataka: A Cross sectional analysis of population profile and ground water quality	MAHE - Seed Money Grant 2020
Application and evaluation of natural anti microbial agents treated three layer face mask.	MAHE - Seed Money Grant 2020
Recommendation for noise reduction methods in NICU: Case of main NICU, Kasturba Hospital, Manipal	MAHE - Seed Money Grant 2020

### Research Excellence

- Urban Design & Built Environment Management
- Urban Sociology & Health Care
- Sustainable Built Environment
- Heritage Conservation & Management
- Behaviour Psychology in Built-Environment & Participatory Design
- Centre for sustainable built environment
- Centre for urban studies



### Laboratories and Workshop

- State-of-the-art computer lab with state of the art facilities with 50 high-end workstations, printers, plotters, scanners with advanced CAD software
- Virtual Reality Lab
- Model making Lab with Laser cutting machine and 3D printer
- Climatology Laboratory with computerized weather station, wind tunnel, solar scope and a range of scientific instruments to measure lighting, acoustic and thermal performance
- Documentation Centre with audio-visual facilities
- Exhibition Hall with display of students works
- Department Library for quick and spot referencing. It has design books, magazines, conference proceedings, and thesis/project work of the alumni, audio-visual facilities
- Building Materials Museum with wide collection of materials used in construction



## List of Recent Scopus Indexed Publications

Sl No.	Author (Faculty)	Title	Journal of Publication	Year of Publication
1.	Sonali Walimbe / Dr. Nandineni Rama Devi / Shantanu Chitgopkar	Biophilic Design Patterns in Schools to Facilitate Nature Connection with Children for a Sustainable Future: A Review	Journal of Natural Remedies	February 2021
2	Sonali Walimbe / Dr. Nandineni Rama Devi / Shantanu Chitgopkar	Perceptions of Nature Connectedness among School Children	PalArch's Journal of Archaeology of Egypt/ Egyptology	March 2021
3	Dr. Shantharam Patil / Kavyashree	Comparison of classical and reliable controller performances for seismic response mitigation	Earthquakes and Structures	March 2021
4	Pranav Kishore	Surgical strategy for third nerve palsy with aberrant regeneration: Harnessing the aberrant power.	Indian Journal of Ophthalmology	March 2021
5	Pradeep Kini, Kala, Sri Charan	Importance of Developing Guidelines for Built Environment of Anganwadis and Its Influence Towards Meeting Sustainable Development Goals	Environmental Science and Engineering, Pages 103 - 1172021 2nd Sustainable Development Research Symposium in the Asia-Pacific, SDRAP 2019, 19 December 2019 - 21 December 2019	April 2021
6	Dr. Nandineni Ramadevi	How a Little Design Project Means a Lot to a Community: Lessons Learnt from the Power of Partnerships in the Design of Anganwadi in Ajjarkad, Karnataka, India	Environmental Science and Engineering Sustainability in the Built Environment in the 21st Century: Lessons Learned from India and the Region	April 2021
7	Dr. Nandineni Ramadevi	Evaluating Architectural Design Schemes for Anganwadi Centre in Ajjarkad, Karnataka, India by Architectural Students Through Community Participatory Methods	Environmental Science and Engineering Pages 19 - 392021 2nd Sustainable Development Research Symposium in the Asia-Pacific, SDRAP 2019, 19 December 2019 - 21 December 2019	April 2021
8	Pradeep G Kini / Pranav Kishore / A Mahesh	Energy Saving Potential in Building Envelopes through Energy Conservation Building Code and Design Alternatives in Warm and Humid Climate.	In Proceedings of the 10th International Conference on Smart Cities and Green ICT Systems (SMARTGREENS 2021), pages 27-34 ISBN: 978-989-758-512-8	April 2021

Sl No.	Author (Faculty)	Title	Journal of Publication	Year of Publication
9	Pradeep G Kini, Pranav Kishore, VipinTandon / Achinta N Shetty,	Assessment of Building Integrated Photovoltaic Panels on Facades of Commercial Buildings with Respect to Energy Conservation Building Code.	10th International Conference on Smart Cities and Green ICT Systems	April 2021
10	Dr. Shantharam Patil / Kavyashree	Response Control of Wind Excited Outrigger Structural System	Lecture Notes in Civil Engineering	May 2021
11	Sanghamitra Roy	Safe in the City? Negotiating safety, public space and the male gaze in Kolkata, India	Cities	June 2021
12	Anoop Kumar Shukla	Analysis of Existing Equations for Calculating the Settling Velocity	Water (Switzerland)	June 2021
13	Sanjeev Kumar	European public space projects with social cohesion in mind: symbolic, programmatic and minimalist approaches	European Planning Studies	July 2021
14	Vishal Chetty	Urban Sprawl Assessment in Eight Mid-sized Indian Cities Using RS and GIS	Journal of the Indian Society of Remote Sensing	August 2021
15	Dr. Shantharama Patil	Evolution of Outrigger Structural System: A State-of-the-art Review	Arabian Journal for Science and Engineering	August 2021
16	Shanta Pragyan Dash	An Exploratory Study on Design Process in Architecture: Perspective of Creativity	Creativity Studies	September 2021
17	Ipsitaa Priyadarsini Das / Shanta Pragyan Dash	Feasibility of PostCyclone Portable Relief Shelter: Case of Odisha	Lecture Notes in Civil Engineering	October 2021
18	Shanta Pragyan Dash / Ziya Sameer Mohammed	An Explorative Study on Material Feasibility for Relief Shelter for Refugees	Lecture Notes in Civil Engineering	October 2021
19	Arun Natarajan Hariharan	Global advantage of Bangalore as a location choice for knowledgebased industries in India	Regional Science Policy and Practice	October 2021
20	Dr. Shantharam Patil / Kavyashree	Damped outrigger semi-active control for seismic vibration mitigation	Innovative Infrastructure Solutions	October 2021
21	Dr. Sasmita Chand	Basic Concepts, Potentials, and Challenges of Urban Mining	Urban Mining for Waste Management and Resource Recovery (Book)	November 2021
22	Dr. Shantharam Patil	Seismic Vulnerability Assessment of Lifeline Buildings at Gangtok	Earthquakes and Structures (Book)	November 2021



### Student Achievements

- Kshirabdhni Tanya Priyadarshini Sahu on being awarded for Excellence in Postgraduate Thesis in Architecture 2020 by COA national awards.
- V Hariharan, Mohamed Nasrat, and Mirsa Mosa on receiving "Honorable Mention" for their "Design Competition Entry for the 6th International Architectural Competition" by "Archmello Masterpeace - A Meditation & Yoga Retreat Center Design Challenge".
- Supreeth Acharya - 3rd year (5th Semester) B.Arch. Manipal School of Architecture & Planning, MAHE, Manipal -- India Book of Records 2021 - The record for making the smallest Mandala art picture depicting letters of the English alphabet.
- Mr. Vachan Ballal - 4th year (7th Semester) - B.Arch. Manipal School of Architecture & Planning, MAHE, Manipal, awarded 3rd position in Product Design competition – BSI - IIID Bamboo Fest.
- Ms. Nirali Salian (Reg.No.-183701162) & Mr. Akarsh U Vagman (Reg.No.-183701126) received an "Honourable Mention" title in "Home\_2121", an international architecture competition organized by Archiol Associated with Artuminate.
- Ms. Susan Simons, VIIth semester B.Arch, won "BEST PAPER PRESENTATION AWARD" at ICHTR – 2021, organized by MAHE Students Research Forum under the aegis of Directorate of Research, MAHE, Manipal, from November 11 to 13, 2021
- Ms. Namratha S Rao for her contribution to the Planning, Redesigning & Renovation work of the "Daycare Facility at MAHE-VSO" & was officially launched by our beloved chief guest, Pro-Chancellor- Dr. HS Ballal on 1st Dec 2021.
- Rajeshwari, Bhavna Choudhury, Angela Jathana shortlisted for the "TOP 30" projects in "ARTTECHTISM" Archresource's Design Competition by archresource.co

- Nirali Salian, Samridhi Nayak, Ratna Priya shortlisted for the "TOP 50" projects in The Dharavi Project competition, an international architecture competition organized by Archdais. <https://archdais.com/competition/the-dharavi-project4230>
- Abhinava Sen for the top 15 in International Talent Series PINUP by Archmello (Chapter -1 Paintings)

### Alumni Achievements

- Alumni Ar. Avinash Singh (Batch 2001-2006) has been awarded Global Architect and Builder Award 2021, International Award winning Luxury Villa Project New Delhi.
- Alumni Ar. Sumedha Sah, has worked on the project- 'Redevelopment of the Railway Museum, Mysore'. <https://mysururailmuseum.com/virtual-tour/>
- B. Arch. alumni Ar. Lakshmi Mohanbabu's Micro sculpture was selected by the European space agency to be placed on the Moon forever. <https://www.straitstimes.com/singapore/3d-printed-cube-among-singapores-contributions-to-art-gallery-heading-to-the-moon>
- Alumni Ar. Sahitya has been interviewed by "Bombay Film Production" on Blending classic & Contemporary Perfectly on September 2021. <https://www.linkedin.com/feed/update/?urn:li:activity:6843766635241775104>
- Alumni Ar. Anupa Ria Kurian and Ar. Ashwika has won the award for Best Architecture & Interior Design (Residential Building) 2021. (2nd march)

### Internship and Placements

Students from MSAP get opportunities of internship from over 250- 300 leading design firms and professionals- in India and abroad. All students also get placed as soon as they graduate. Reputed designs firms in India and abroad give preference to MSAP graduates for Internship and placements. Some of leading firms are -

- Space Matrix • Alex Jacob Architects
- Larsen & Toubro Construction
- Architecture Paradigm
- Balan & Nambisan Architects
- Bhumiputhra Architecture
- Biome Environmental Solution Pvt. Ltd. • Essteam Architects • FHD Consultants Pvt Ltd • Kabir Hira Architects • Jibu & Thomas Architects
- ACDS Architecture • Advani & Associates • Agarwal & Agarwal Architects • Atkins • Atto Atelier
- Design Forum International
- Gayathri and Namith Associates
- Gensler Architecture • Good Earth Architect • Edifice Architects and Interior Designers • Hafeez Contractors
- Jaisim- Fountainhead Architects • Kamal S.Malik Architects • Mistry Architects • Qatar Design Consortium Architects • Rathi Associates • RSP Design Consultants • Sangath • Stapati Architecture • Total Environment • Venkatramana Associates • Vikas Dilawari Architects

### Student Exchange Programs

- IAESTE, International Association for the Exchange of Students for Technical Experience has India's largest Chapter at MIT, Manipal Academy of Higher Education. It provides opportunities for students to carry out their internships across the world. Best students are nominated for internship to foreign countries through IAESTE.
- AIESEC, MAHE is also a student body which facilitates international internship.
- Student exchange programs being established with all partner universities and research organizations across India and abroad.
- 30+ MSAP students have been part of student exchange programmes with Universities such as Umea University, Sweden, Deakin University, Australia and RMIT, Australia from last four years
- 30+ MSAP students have participated in iDide 2019 and 2020 (Joint studio between Deakin University, Australia and MSAP)

## ▶ Bachelor of Architecture (BArch)

### Duration

5 years (10 semesters) including  
6 months Internship

**Eligibility Criteria & Admission Process**  
Refer **Section 2**

**Course Fees, Hostel Fees, Refund Rules**  
Refer **Section 3**

**Last date to apply:** 31.05.2022

**Commencement of Classes:** To be announced later.

### Program Description

Design is an act of making an environment where we shape and develop our surrounding to suit our physical and psychological needs. Today design thinking is used in all profession as a verb or skill to develop solutions suited to the context and person/ people. The role of the designer is being acknowledged in various disciplines to improve and impart better living conditions as well as sense of wellbeing. Architecture from being associated with building construction has become a noun to describe integration of multiple fields/ aspects and making a system of operation and function.

So the course of Bachelor of Architecture is now a multi-disciplinary education to handle issues relating to humanities, technology, computation, information, marketing etc. Our training includes integrated basics of this multi-faceted profession in first three years and allowing students to explore various disciplines of their choice and integrating them to give site specific solutions suited to the needs of society and environment.

### Focus

The focus of B.Arch. (Architecture) is to provide holistic education addressing analytical, technical and communication skills of the students along with their creativity and imagination relevant to the field of architectural design. The design studio being the primary course of study

explores current trends in the industry by bringing in live projects, field trips, case studies, brainstorming strategies and developments of design that are sustainable and user centric.

### Career Prospects

- Career paths for Architects after graduation can be either professional practice, or employment with larger design and real estate development organizations in fields like Interior design, Housing, Hospitality or Commercial space design in the private sector. They can also apply for positions with public bodies in key roles for infrastructure development, policy making, planning and management in urban and rural organization.
- Graduate Architects can pursue their research interests through research fellowships and researcher roles offered by educational institutes and research organizations, which can help them to build a career in education and academia as educators after post-graduation or doctoral degrees.
- Architecture graduates can also pursue higher education from India and abroad in fields like Building Technology and Systems, Construction Management, Product Design, Visual Communication, Urban Design, Urban Planning, Transportation Planning, Policy Planning, Urban Development Management, Sustainable Design, Infrastructure Design and Management, Architectural Conservation and Heritage Management, Landscape Design, MBA etc.
- They will be able to establish their own professional practice after receiving membership from Council of Architecture and act as registered architects for local bodies in building plan approval. They also have the option to pursue allied career interests such as UI/UX Design, Product Design, Set Design, Graphic Design, Architectural Journalism, Entrepreneurship etc.

## ▶ Master of Architecture (Urban Design & Development) MArch (UDD)

### Duration

2 Years (4 Semesters)

**Eligibility Criteria & Admission Process**  
Refer **Section 2**

**Course Fees, Hostel Fees, Refund Rules**  
Refer **Section 3**

**Last date to apply:** 31.05.2022

**Commencement of Classes:** To be announced later.

### Program Description

This program aims at training architects and designers in theoretical as well as practical problem-solving skills in issues associated with designs at the urban scale. It follows comprehensive urban design education through research, consultancy and academics. Started in the year 2014, this program offers new openings for its students to follow their creative pursuits while building their professional careers under the guidance of highly experienced faculty.

### Focus

The focus of M.Arch (Urban Design & Development) is to educate the prime concerns and understandings of areas at an urban level. Students are exposed to various scales of urban level design projects to address the issues reality to policies/ design/ environment/ sustainability etc, which enable them to give comprehensive solutions contextually.

### Career Prospects

Post-Graduate degree in Urban Design is key to various roles in public bodies which entails Policymaking, Planning and Management of various urban public funded projects.

Urban Designers are highly sought after professionals within the private sector for consultancy and co-ordination with public bodies through PPP mode.

This Masters course enables the students in focusing their career path towards suitable fields such as Housing and Community Planning, Sustainable Development, Transportation Planning, Master Planning, Design of Urban Street and Public Spaces, Urban Infrastructure Design etc.

The course also empowers the students with research skills and experience that can enable them to pursue Doctoral degrees, become educators and researchers and take the academic career path.



## ➤ M. Des. Sustainable Design

### Duration

2 Years (4 Semesters)

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

**Last date to apply:** 31.05.2022

**Commencement of Classes:** To be announced later.



### Program Description

Sustainable design today has become an integral part of not only built environment but also a part of business and community. This course addresses features that are part of the sustainable development goal set by United Nations (SDGs 3, 4, 6, 7, 8, 9, 11, 12, & 13). We need to approach the design holistically, from aspects linked to place, people and natural resources, responding towards climate change. India has already started developing new policies and codes such as Energy Conservation Building Code (ECBC). GRIHA rating and Green building rating systems for different typology of building has become a trend in the society.

This course develops specialist who could enable computation and evidence based performance modelling of proposed design, as well as assess performance of the built design. A truly sustainable design would address continuously in a self-sufficient manner, the needs of changing time as well as resources management.

Initially the course addresses the fundamentals of good built environment in terms of energy flow, environment science and green building design. Further the student would be trained in skills of computation, simulation and design guidelines for a sustainable built environment. This is unique multi-disciplinary course combining science of environment, mechanical and electrical engineering and architecture to fulfill the needs of the society.



### Focus

This program aims to provide capacity to the building professionals for looking in to scientific & functional requirements of building in terms of economics of the Architecture Engineering & Construction market and building policies of the place. It aims to prepare building professionals towards the challenges of computational design and Evidence based design and to produce the next generation building professionals who can target the optimum solution approach over the heuristic design.



### Career Prospects

Work with Government or Private Organizations as Building Energy analysts, simulation experts, sustainable design consultants, green building architects, etc. Work with educational institutions as academicians in sustainability and related fields, acquiring doctorate in related fields and work as researcher, private practice as consultant.





# DEPARTMENT OF DESIGN [DOD]

The Department of Design, a University Teaching Department, Manipal Academy of Higher Education was established in 2012 offering programs in the domains of Interiors and Fashion.

These programs offered under UGC regulations are designed to foster creativity in young aspirants turning them into industry ready design professionals. At our institution, we strive at inducing the concept of sustainability and use of indigenous materials in

designing the interior and fashion products for contemporary use. Design understanding is encouraged through individual projects where students would explore the rich heritage of interiors, textiles, crafts and clothing development of our country from a range of varied topics spanning time and regions in the world. The department focuses on interdisciplinary research with innovative programs at different levels making Department of Design one of the most desirable places for design education. From academic year 2021-2022, B.Des Fashion Design, B.Des Interior Design and M.Des Interior Design are approved by AICTE in terms of the provisions under the All India Council for Technical Education (Grant of Approvals for Technical Institutions) Regulations, 2021 notified on 4th February 2020 and amended on 24th February 2021.



### Four - Point Philosophy

- Sustainable & sensitive practices in Design
- 'Regional Values' & 'Global Essence'
- People-Centric Design
- Profession Oriented Design Education in Training

### Key Features

- Best-in-class Infrastructure
- Journals, E Journals, Softwares and Books
- Tie-up with International Design Colleges
- Design Collections/Portfolios evaluated by Industry professionals
- Design process carried out with sensitization towards ecology, Green Fashion and Ergonomics through Design Thinking

### Laboratories and Workshops

- Design Studios
- Model Making Lab
- Softwares like Sketchup, Vray, Tuka CAD and Tuka Simulator
- Laser Cutting Machines
- DST Lab with Textile strength tester and Decortication Machines
- Textile Lab for Dyeing and Printing
- Pattern Making and Sewing Lab
- Draping Lab with mannequins
- Promostyl Fashion Forecast Database

### Shared Facilities

- Computer lab with State of the Art facilities with 50 high-end workstations, printers, plotters, scanners with advanced CAD software
- Virtual Reality Lab
- 3D Printer

### Research Excellence

- Behavioral Psychology in Built Environment
- Hospital Interiors
- Heritage Conservation
- Furniture Design
- Sustainable Textiles
- Sustainable Design
- Fashion Entrepreneurship
- Vulnerable user design

### Ongoing Research Projects

Project Title	Sanctioned Agency	Sanctioned Amount	Status
Value addition of plantain waste biomass to fabric grade banana fiber an experimental study on processing, weaving, and designing contemporary fashions in Coastal Karnataka'	DST, Govt. of India	Rs. 23,57,740	Ongoing
Circular Economy and Collaborative Consumption: Exploring New Business Collaborative Research Models to Achieve Sustainability Seed Grant within the Apparel Industry	UNSW-MAHE	Rs. 10,00,000	Ongoing
Designing and Production of Convocation Gowns for Dignitaries and Students of MAHE – 2015 onwards	In support with MAHE	--	Ongoing
Balancing Function, Modesty, and Aesthetics in Designing Patients Gowns	Directorate of Technical Research, MAHE	Rs. 25,000	Completed
Developing Protective Facemask -2020	In support with MAHE	--	Completed
Application and evaluation of natural anti-microbial agents treated three-layer face mask, 2021	Directorate of Technical Research, MAHE	RS. 25,870	Completed
Recommendation for noise reduction methods in NICU: Case of Main NICU, Kasturba Hospital, Manipal in collaboration with MSAP, MCHP and KMC, MAHE Manipal.	Directorate of Technical Research, MAHE	RS. 40,000	Ongoing

### Ongoing Consultancy Projects

Consultancy Project Title	Status
Systems Design – Way-finding and Navigation for Kasturba Medical College, MAHE, Manipal. Pilot Space: Out-Patient Department in collaboration with MSAP.	Ongoing
ASARE Kiosk at KMC – Women and Child Ward – 2019	Completed
Proposal Animation School – 2017	Completed
M V Kamath Library - 2015	Completed
Sink – Splash Proof Cover, in Collaboration with MCODS , MAHE, Manipal.	Ongoing
Proto Development of Assisted devices for physical rehabilitation : Early gait seating system for cerebral palsy children Children - Ekam Rehab Tech Pvt. Ltd., MUTBI, Manipal.	Ongoing
Proto Development of Assisted devices for physical rehabilitation : Early gait training system for cerebral palsy children - Ekam Rehab Tech Pvt. Ltd., MUTBI, Manipal.	Ongoing
Mobility Device Harness - Design and Develop harness for Cerebral Palsy children -Ekam Rehab Tech Pvt. Ltd., MUTBI, Manipal.	Ongoing
Mobility Device Harness - Designing and fabricating the prototype for a harness for Cerebral Palsy children - Ekam Rehab Tech Pvt. Ltd., MUTBI, Manipal.	Ongoing



### Students Achievements

- Sharon Deena D'souza and Zinan Ashraf, 3rd year B.Des. Fashion Design students, were selected for showcasing their designs at Beena Kannan Fashion Show Seematti, Kochi in October 2015.
- Mr. Nilesh Krishna, 2nd year Interior Design student had global exposure of one semester at UNITEC, New Zealand through Study - Abroad Program in the academic year 2016-2017.
- INSIG - Unveil the Unexpressed, designed and organized by students of Interior Design and Fashion Design in connection to Autism Awareness Week observed from 2nd to 8th April, 2016.
- Four-member design team, Ms. Shalini Moorthy, Ms. Aparna Govind, Ms. Ayesha Shaima, Ms. Neha, 2nd and 3rd year Fashion Design won Best Design award and also overall Second prize in India's largest college fashion show – Mood Indigo's Vogue, IIT Mumbai.
- Ms. Harini Theranikal, 2nd year Fashion Design won the Mannequin Styling Contest organized by Mangalore Central Mall.
- Ms. Neha Dsouza, 2nd year Fashion Design student availed RMIT, Australia scholarship for undergoing one-year study through Student Exchange Program in the academic year 2017-2018.



- Mr. Anu Uttej Doki, 3rd year Interior Design availed scholarship for completing Yacht Design Master's program at ISAD, Milan during the academic year 2017-2018.
- Three -member design team, Ms. Harini Theranikal, Ms. Lipika PB, Ms. Kavya Vemulapalli, 2nd and 3rd year students, secured award for Best Design Team in India's largest college fashion show – Mood Indigo's Vogue, IIT Mumbai.
- The 4th year Fashion Design and Interior Design students designed (set and venue design) and organized the event AVANT, 2018 showcasing the Graduation Collection of Fashion Design students. The event was graced by ace fashion designer Mr. Wendell Rodricks.
- Four-member design team, Ms. Tanya Rodrigues, Ms. Advika, Ms. Unnati Patel, and Ms. Fiona Rhea Crasta, 2nd and 3rd year students of Fashion Design won Best Design award and also Best Team in India's largest college fashion show – Mood Indigo's Vogue, IIT Mumbai.
- Akshita Aurora, IV year B. Des. (Fashion Design), DOD MSAP, is one of the top five winners of the online Style your WORK FROM HOME contest organised by London School of Trends in the month of June 2020.
- The 4th year Fashion Design and Interior Design students designed (set and venue design) and organized the event AVANT, 2019 showcasing the Graduation Collection of Fashion Design students.



## ► Internship and Placements

Students from the Dept. of Design have had the opportunity to intern with leading design professionals and at firms in India and abroad. Students have been placed through successful internships and through offers from the industry upon graduating. Some of the leading firms are -

### Interior Design

- Kuvio Studio, Bengaluru •Vinyasa Architects, Bengaluru •P & T Architects and Engineers, Oman
- Rathi Associates, Bengaluru •Design Qube Architects, Bengaluru •Studio 8 Designs, Bengaluru •ULCCS Ltd., Kozhikode, Kerala •FRDC, Bengaluru
- August Architects, Bengaluru
- Creative Clinic, Dubai, UAE
- The Space Factor, Mangalore
- Livspace, Bengaluru •Design DNA, Chennai •JSH Architects, Mumbai
- Norr Group International Limited, UAE
- Desarch Pentacle, Mumbai •DWG Architecture, Bengaluru •Intrinsic Classics, Goa •Sara Architecture Studio, Bengaluru •Somya- Kriti Architects, Jaipur
- R.K. Associates Inc., Bengaluru
- Houzin Design Studio, Bengaluru
- Alva Associates, Mangalore
- Concepto Studio, Bengaluru
- Sernya Spaces, Kolhapur •Design Thoughts Architects, Bengaluru
- Rubenius Interiors, Bengaluru
- RSP Design Consultants (India) Pvt Ltd, Bengaluru •Gayathri&Namith, Bengaluru •Taper Design Studio, Bengaluru •Meter Square Interiors, Sharjah, UAE •Studio B Architects, New Delhi •Centrix Interior Pvt. Ltd., Bengaluru •Kamat& Associates, Mumbai •Design Harmony, Bengaluru
- Signa Design, Bengaluru •Rhythm of Space, Bengaluru •SWBI Architects, Bengaluru •RSMS ARCHITECTS, New Delhi •Atkins, Bengaluru •DSP Design Associates Pvt. Ltd, Mumbai •Studio One Architects, Secunderabad

### Fashion Design

- Aditya Birla Fashion Retail, New Delhi •Shahi Exports Ltd. Bengaluru
- Neeru's, Hyderabad •Mugdha Art Studio, Hyderabad •Shoppers Stop, Mumbai •Ombre Lane, Bengaluru

- Sonal Apparels, Bengaluru
- Ambattur Fashion India Ltd, Chennai
- Arvind Exports Ltd., Bengaluru
- Scotts Garments Pvt. Ltd. Bengaluru
- A Charkha Story, Pune •Mad Street Den, Chennai •Mr. Ajay Kumar, Bengaluru •Quo Clothing LLP, New Delhi •Ecru & Bay Trading Pvt Ltd, Gurgaon •Cell DSGN, New Delhi
- Collage Shop, Bengaluru •Retreat N Style India Pvt Ltd., Goa •Rahul Mishra Designs Pvt. Ltd., Noida
- AJIO Reliance Retail Ltd, Bengaluru
- Gokaldas Exports Ltd, Bengaluru
- KolourKoncepts International, Bengaluru •SKL EXPORTS, Tirupur
- Celebrity Fashions Ltd., Chennai
- Garden City Fashion Pvt Ltd., Bengaluru •Soucika Boutique, Bengaluru •Fabric Monde, Bengaluru
- Texport Syndicate India Ltd., Mumbai •Indian Terrain Fashions Ltd., Chennai •Eastman Global Clothing Pvt.Ltd., Tirupur •Reliance Luxury Brands Division - Brooks Brothers, Chennai •Canali, Bengaluru •Salvatore Ferragamo, Chennai •Hugo Boss, Chennai •Scotch & Soda, Chennai

## ► Student Exchange

- IAESTE, International Association for the Exchange of Students for Technical Experience has India's largest Chapter at MIT, Manipal Academy of Higher Education. It provides opportunities for students to carry out their internships across the world. Best students are nominated for internship to foreign countries through IAESTE.
- AIESEC, MAHE is also a student body which facilitates international internship abroad.
- Student exchange programs being established with all partner universities and research organizations across India and abroad.

## B.Des. (Interior Design)

### Duration

4 Years (8 Semesters)

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

**Last date to apply:** 31.03.2022

**Commencement of Classes:** 24.07.2022



### Program Description

Buildings are a combination of spaces. Spaces evoke feelings, emotions and memories. Creating spaces that are integral to the building's fabric whilst encouraging movement in, around and through individual spaces, to create a lasting impression is a challenge for an interior designer. The Interior Design Programme is about creating beyond decoration which combine practicality, sustainability and beauty to achieve the specific aims of a project. Interior design is an exciting, growing field where creative individuals with an eye for detail can influence human interaction and improve quality of life in the built environment.



### Focus

The focus of B.Des. (Interior Design) is to provide holistic education addressing the cognitive competencies (to think), experiential competences (to explore), and technical competencies (to build). The live projects brought into the studios help the students to explore the problems of the industry, brainstorm different strategies for addressing the problem, and adhere the strategies in developing designs that are sustainable and customer-centric.



### Career Prospects

The important areas of career includes working with national and international interior design and architecture practices. Students are employed with employers ranging from small scale offices to multinational companies. Students further pursue their research skills culminating in Ph.D. students and independent consultants and also work with academic institutions, research centres.

## B.Des. (Fashion Design)

### Duration

4 Years (8 Semesters)

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

**Last date to apply:** 31.03.2022

**Commencement of Classes:** 24.07.2022



### Program Description

“It’s exciting to take something traditional and do something completely unexpected with it”

-Donna Karan

With this philosophy, the four-year B.Des. (Fashion Design) program is aimed at imparting professional fashion education bridging the idealism with reality by focusing on innovation for the sustainability of economical, ecological, and social values.



### Focus

The focus of B.Des. (Fashion Design) is to provide holistic education addressing the core competencies, which involves an integration of cognitive competencies (to think), experiential competencies (to explore), and technical competencies (to build). The students through different projects aim at understanding the requirements of the project, brainstorm the design strategies for addressing the requirements, and develop the projects which are experimental yet realistic.



### Career Prospects

The globalization of the Indian apparel and fashion industry and the growing domestic sector opens up a large number of avenues for the graduated fashion designers. The important areas are as Fashion designers, Design managers and consultants, Production managers, Fashion stylist, Freelance designers, Visual merchandisers

## M.Des. (Interior Design)

### Duration

2 Years (4 Semesters)

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

**Last date to apply:** 15.05.2022

**Commencement of Classes:** 24.07.2022



### Program Description

The M.Des. (ID) Program is a step towards exploring and understanding the contemporary interior design environment of the region through research, theory, design education and practice. The program offers a creative buffer where candidates develop and contribute to the varied design possibilities and approaches of interior design. The core of the program is design research and practice.



### Focus

The program is focused on the principles of academic – industry interface wherein the students learn the design approaches at the campus in the first year and apply the same working in the industry during the second year.



### Career Prospects

The career prospects include Interior Designer (Residential / Commercial), Furniture Designer (As per electives chosen), Entrepreneur, Design. Students also continue pursuing their career as Ph.D. students and independent consultants, and also work with academic institutions, research centres.

## MA (Fashion Management)

### Duration

2 Years (4 Semesters)

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

**Last date to apply:** 15.05.2022

**Commencement of Classes:** 24.07.2022



### Program Description

Fashion Design has evolved beyond Experimenting and Making of apparel into a multidimensional approach of management. Masters of Arts (Fashion Management) is designed with an aim of evolving a design entrepreneur with a focus on creativity for commercial gain. The program deals with understanding and interpreting the fashion systems towards an effective management of creative sector that balances artistic ambitions and creative goals.



### Focus

The program as an amalgamation of management principles oriented towards fashion business including luxury fashion segments help a student balance creativity with management. The program is carefully drafted to meet the requirement of students of non-design background and design background.



### Career Prospects

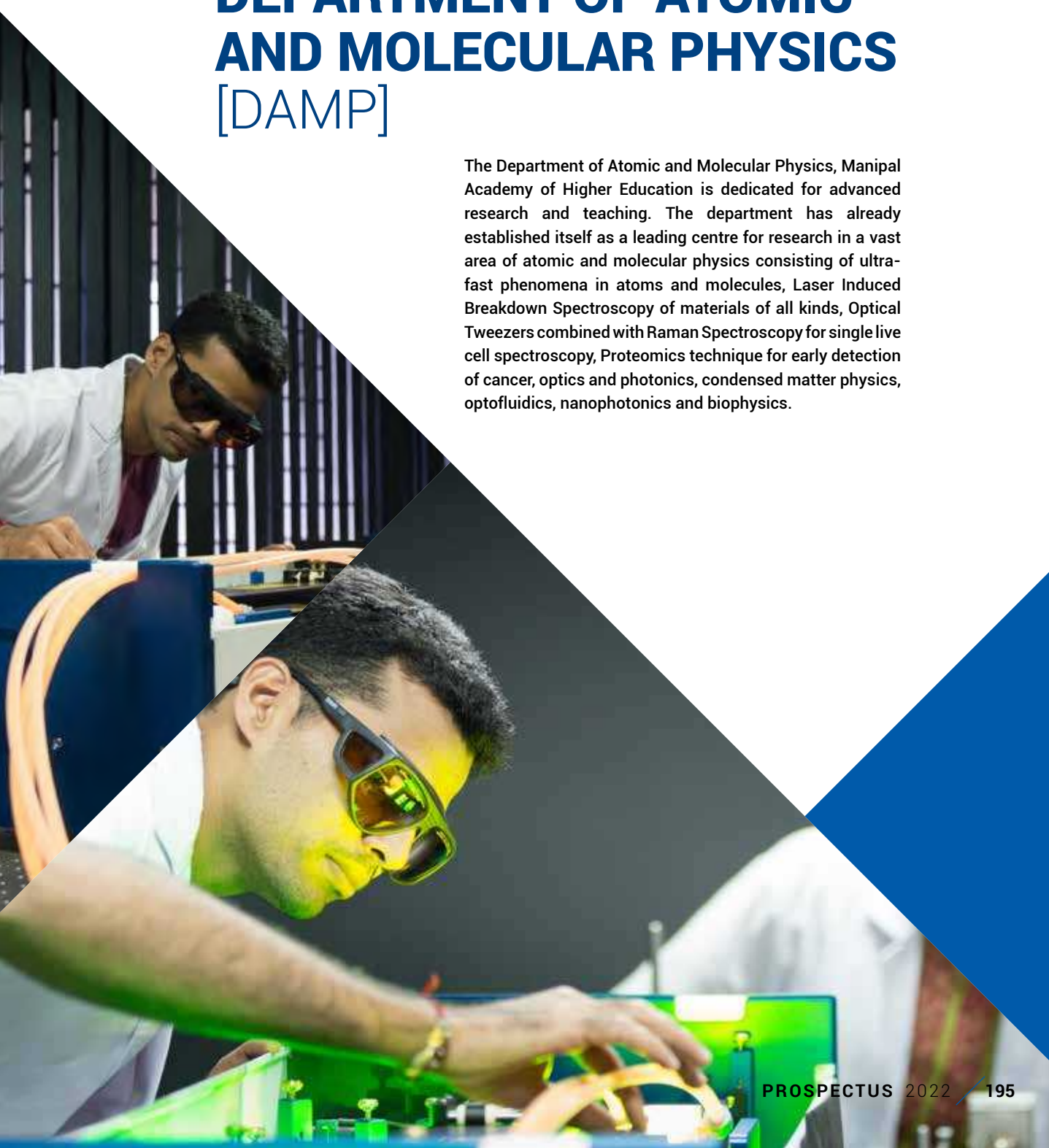
The career prospects include Visual merchandisers, Fashion and luxury merchandising, Fashion marketing, Retail/sales





# DEPARTMENT OF ATOMIC AND MOLECULAR PHYSICS [DAMP]

The Department of Atomic and Molecular Physics, Manipal Academy of Higher Education is dedicated for advanced research and teaching. The department has already established itself as a leading centre for research in a vast area of atomic and molecular physics consisting of ultra-fast phenomena in atoms and molecules, Laser Induced Breakdown Spectroscopy of materials of all kinds, Optical Tweezers combined with Raman Spectroscopy for single live cell spectroscopy, Proteomics technique for early detection of cancer, optics and photonics, condensed matter physics, optofluidics, nanophotonics and biophysics.



The department offers two post graduate programmes – M.Sc. Photonics and M.Sc. Nanoscience and Technology. These courses aim at meeting the national and international needs of expertise in these specialised fields of knowledge which define the science and technology of the future. The course curriculum is so designed to complement the needs of research and industry sectors thereby equipping students with the required skill and expertise for a rewarding career in rapidly emerging fields of laser spectroscopy, Nanoscience and technology, ultrafast photonics and nanobiophotonics. The centre also conducts certificate courses in Laser Application in Biology and Medicine and in Nanoscience and Technology. Short courses of this kind which are application-oriented will be conducted regularly round the year.

### Research Activities

Research and development in the area of Laser Spectroscopy for biomedical applications and nano-bio-photonics have been gaining momentum in this department (former CLS) ever since the day of its inception.

The center is actively pursuing research in the following areas:

- Applications of femto second pulses in micro-fabrication of photonics devices and white light generation.
- Nature inspired nanoscale surface engineering for photonics and biological applications.
- Spectroscopy of biological systems at cellular level using Optical Tweezers combined with Raman and fluorescence spectroscopy.
- Trace Elemental Analysis of Biological and Environmental samples using Laser Induced Breakdown Spectroscopy (LIBS).
- Protein profile analysis of clinical samples for early detection of cancer, Ophthalmological, cardiovascular diseases using HPLC-LIF Technique.
- Laser Induced Fluorescence studies of soft condensed matter.
- Development of multimodal spectroscopy techniques for Breath Analysis.

- Crystallographic and spectroscopic studies of human arsenate reductases.
- Development of Surface Plasmon Resonance (SPR) based sensors.

### Collaborations with Researchers at

- Bhabha Atomic Research Centre, Mumbai
- UM-DAE Centre for Excellence in Basic Sciences, Mumbai University, Mumbai
- Indian Institute of Technology Madras, India
- University of Texas, San Antonio, USA
- Stevens Institute of Technology, NJ, USA
- Rice University, USA
- Leibniz University of Hannover, Germany
- National Chiao Tung University, Taiwan
- Nanyang Technological University, Singapore
- Comenius University, Bratislava, Slovakia
- Saratov State University, Russia

### Attractions

We encourage our students for off-campus project training in premier institutions like Tata Institute of Fundamental Research (TIFR), Mumbai, Raja Ramanna Centre for Advanced Technology (RRCAT), Indore, Raman Research Institute (RRI), Bangalore, Indian Institute of Technologies (IITs), Bhabha Atomic Research Centre (BARC), Mumbai and Defense Research & Development Organization (DRDO) Laboratories.

The rich research ambience is the greatest highlight of the post graduate programmes in the Department of Atomic and Molecular Physics. We frequently organize symposia and workshop round the year so that our students will be aware of the latest developments in the field and will get opportunity to interact with eminent scientists in the field.

We have frequent visits of renowned physicists working in various disciplines. Prof. Douglas D. Osheroff, Nobel Laureate, Prof. Sumio Iijima, inventor of carbon nanotube, Prof. Eva Lindroth, Stockholm University and Dr. Anil Kakodkar, Former Director BARC and Chairman, Atomic Energy Commission, are few among them.

### Research Excellence in Numbers

For the last 5 years	
Journal Publications	165
Conference and Presentations	165
Completed Funded Research Projects	12
Research Grants	21 Million (INR)
PhD Awardees	13
Students projects	17
Workshops and Seminars	32
Ongoing Research Projects	6



## Placements

Graduated students are well placed in research laboratories –both in India and abroad as well as in industry.

Our students are placed as follows

### Doctoral Positions at:

- RRI, Bangalore
- BITS, Pilani
- IIT Madras
- CeNS, Bengaluru
- DAMP, MAHE
- Tata Institute of Fundamental Research, Mumbai
- Heriot-Watt University, Edinburgh, Scotland, UK
- National University of Ireland, Ireland, UK
- National University of Singapore, Singapore
- Cork Institute of Technology, Ireland
- Extreme Light Infrastructure, Hungary
- Jean Monnet University, France
- Ludwig Maximilian University of Munich
- Institute of Biophotonics, (NYCU) National Yang-Ming Chiao-Tung

University, Taiwan

- ITME, Warsaw, Poland
- National Chiao Tung University, Taiwan
- University of Canterbury, New Zealand.
- Zurich University, Switzerland
- University of Konstanz, Germany
- K U Leuven, Belgium
- Karlsruhe Institute of Technology, Germany
- Monash University , Australia
- Comenius University, Bratislava, Slovakia
- Istanbul Technical University, Turkey

### Industry Placements at:

- Special Instruments
- SAMEER –IIT Mumbai
- Hind High Vacuum
- Optics and Allied Engineering Private Limited, Bengaluru
- Aimil Limited
- Varroc Group
- New Age Instruments and Materials Pvt. Ltd.
- ACG Inspection Systems
- Edmund Optics

## B.Sc. (Honours) Physics

### Duration

4 Years (8 Semesters)

### Eligibility Criteria & Admission Process

Refer Section 2

### Course Fees, Hostel Fees, Refund Rules

Refer Section 3

**Last date to apply:** 30.05.2022

**Commencement of Classes:** 08.08.2022

### Program Description

An honours program in Physics in tune with National Education Policy of the Govt. of India with a provision for B.Sc. Degree in Physics after the successful completion of three years.

### Focus

To impart sound knowledge on fundamentals of physics, with attractive elective courses in advanced photonics and applied nanoscience. In addition to the above, there will be opportunities for open electives in engineering streams. The 4th year of the course leading to the honours degree will be dedicated for research projects and related theory papers.

To foster the research aptitude in the student by providing the rich ambience of research by means of research-oriented curriculum, hands on experiences in the research laboratories, dedicated final semester research project, exposure to the cutting edge scientific developments through conferences, seminars, invited talks by experts etc.

### Career Prospects

- To join for Ph.D. programme in India and abroad without a dedicated Post Graduate degree. programme.
- To join for R & D in industry and Govt. laboratories.
- Academic positions in schools and PU colleges.



## M.Sc. (Photonics)

### Duration

2 Years (4 Semesters)

**Eligibility Criteria & Admission Process**  
Refer **Section 2**

**Course Fees, Hostel Fees, Refund Rules**  
Refer **Section 3**

**Last date to apply:** 30.05.2022

**Commencement of Classes:** 15.07.2022



### Program Description

A Masters programme of four semesters in the field of Photonics, laser spectroscopy and their applications.



### Focus

To impart sound knowledge on the concepts of optics, photonics, laser technology, laser spectroscopy and their various applications with equal emphasis on both theoretical knowledge as well as hands on practical experience.

To foster the research aptitude in the student by providing the rich ambience of research by means of research-oriented curriculum, hands on experiences in the research laboratories, dedicated final semester research project, exposure to the cutting edge scientific developments through conferences, seminars, invited talks by experts etc.



### Career Prospects

Research Careers in the field of photonics, energy conservation, smart lighting, biophotonics, nanophotonics, photonic materials, spectroscopy etc in National and International Laboratories, Research and Development Wings of industries working in the manufacture of optical instruments and devices, Academics, Science Journalism.

## M.Sc. (Nanoscience and Technology)

### Duration

2 Years (4 Semesters)

**Eligibility Criteria & Admission Process**  
Refer **Section 2**

**Course Fees, Hostel Fees, Refund Rules**  
Refer **Section 3**

**Last date to apply:** 30.05.2022

**Commencement of Classes:** 15.07.2022



### Program Description

A Masters programme of four semesters in the field of Nanoscience and Technology, Nanomaterials, their synthesis, characterisation and applications



### Focus

To impart sound knowledge on the concepts of Nanoscience, nanomaterials and their properties, synthesis and characterisation of nanomaterials, and their various applications with equal emphasis on both theoretical knowledge as well as hands on practical experience.

To foster the research aptitude in the student by providing the rich ambience of research by means of research-oriented curriculum, hands on experiences in the research laboratories, dedicated final semester research project, exposure to the cutting edge scientific developments through conferences, seminars, invited talks by experts etc



### Career Prospects

Research Careers in the field of Nanoscience and technology, Nanomaterial synthesis and characterisation and interdisciplinary applications in National and International Laboratories, Research and Development Wings of Industries, Academics, Science Journalism.



# DEPARTMENT OF COMMERCE [DOC]

Department of Commerce was established in the year 2007 with the launch of its flagship undergraduate business management program specializing in e-Banking & Finance. Over the last decade, the department has grown exponentially and reached a student strength of more than 1500 students, studying various undergraduate and postgraduate programs in Commerce, Management and multi-disciplinary programs in Economics, Business Analytics and Digital Marketing.



The department provides multi-disciplinary interactive environment where the future leaders of business and society are groomed to lead and deliver.

### Infrastructure

- Department has a well-equipped computer lab with 60 systems and subscribes to a host of online databases including Ebsco, Springer, Prowess, Taylor & Francis and Web of Science. Various statistical packages including SPSS and E-Views have also been subscribed by the department and are available for use by the students.
- The classrooms are air conditioned with facilities such as LCD projectors, audio visual equipment and smart projector facility.
- The department also has a well stacked library with adequate books, magazines and journals.

### Curriculum Highlights

The department believes in constantly upgrading its curriculum and pedagogy to meet the changing needs of the industry. It enables the candidates to carve-out a meaningful and niche career and find relatable responses to multi-dimensional professional questions. The unique curriculum encompasses a symbiotic relationship between regular academics and professional qualifications viz., CIMA, CFA, CA, CPA, ACCA, CMA etc. in India and abroad.

At Department of Commerce, syllabus updating and upgrading is a continuous process. For every curriculum change, department sought the opinion of foreign university partners, industry partners, subject experts, UGC model curriculum and faculty members and students through a well organised "Curriculum Conclave". Open electives, unique specializations, Massive Open Online Courses (MOOCs) are few of the innovative methodologies of knowledge dissemination for all the courses offered at DoC.

Our academic collaborations with leading foreign universities facilitate the students to explore student exchange/credit transfer/semester abroad options.

### Faculty competency

The department has a strength of 50 full time Faculty members and a number of guest and adjunct Faculty members from the industry. While the department has 23 Ph.D holders, 7 qualified Ph.D guides, 24 Faculties have registered for Ph.D. The faculty are drawn from diverse backgrounds and experience, both from industry and academia, with rich experience that is passed on to the students in the process of learning.

### Research Excellence

A key objective is to ameliorate students' skills and improve their capability to carry-out research. A unique and exclusive DoC Student Research Forum with more than 1500 student members enables participation of students in Conferences, Workshops and Research publications. Augmenting this, MAHE has rolled-out "Publication and Research Award Incentive for Students to Excel" (PRAISE) policy which encourages students to participate in research activities, awards incentives for all student members who participate in research activities and publish their output in Scholarly Journals Indexed in Scopus/ Web of Science.

One of the core objectives of our Department is excellence in research. We have a heterogeneous blend of faculty with ample experience in industry and academia who carryout research in various thrust areas in financial markets, economics, banking, logistics, hospitality, entrepreneurship, HR and marketing. The department boasts of research blended curriculum in all its programs, with students carrying out research work under the guidance of faculty members.

The department has subscribed to various databases and software that assist the researchers such as CIME databases, EBSCO, and purchased analytical tools such as SPSS and E-Views for UG, PG and Research scholars. The output of the research work carried out by the students and faculty members of our department are published in scholarly journals with international editorial board and

worldwide acceptance in terms of quality. The department periodically organizes research workshops and conferences in association with our international partner universities to give boost to its research activities.

### Advantages of DOC

- Unique specializations
- Diverse faculty profile
- Diversity in student profile
- Internship opportunities in leading MNC's
- Study abroad / Semester abroad programs with partner universities
- Credit Transfer arrangements with foreign partner universities for selected programs
- Open electives, certificate courses and MOOCs
- Placement Assistance

### Possible opportunities for collaborations/research:

The department has set up six Centres of Excellence related to diverse fields of study in the commerce and management streams. These centers have been set up in tune with its vision: "To develop into a world class center of excellence in education, training & research"

### The Centres of Excellence:

- Center for Supply Chain Education & Research
- Center for Advanced Learning in Finance and Accounting
- Center for Managing Family Business
- Center for Business Analytics
- Center for Consultancy, Training and Corporate Interface
- International Center for Business Studies

### Offerings from the Centers of Excellence:

- Joint Educational Programs
- Certification courses
- Open Elective courses
- Research Projects
- Faculty Exchange
- Sharing of Resources / Facilities
- Short Term Courses, Seminars, Conference & Mega Events



- Knowledge sharing in the form of:
  - Collaboration with Industry
  - Collaborative research within MAHE and Outside MAHE for interdisciplinary research
  - Sharing of Consultancy experience with students

The three year BBA course is spread over six semesters. This program is designed to equip students with the domain knowledge and business skills required to develop comparative advantage and excel in competitive business environment. At the end of the program, students will be able to take up jobs in the corporate sector, government sector in India and abroad in the areas of management, commerce, analytics, logistics and economics. Students can pursue Masters or PhD. program as per the New Educational Policy. In this course, students are offered a range of open electives, skill enhancement courses and specialization based elective courses which they can opt based on their interest. Regular interactions with industry experts and guest lectures are arranged to know contemporary topics. Exposure to students is provided using real-life case studies, industry visits and projects. Placements and internships assistance with leading corporations is provided. This exposure enables the students to carve out a meaningful career in the field of various functional areas of management which includes Finance, Marketing, HR, Logistics, Family Business, Banking, Insurance, Financial Market, Business Analytics, and Economics. The specialization subjects are offered in the final year of BBA. This program also facilitates student transfers for higher studies abroad routed through International collaborations with partner Universities.

## Highlights

### BBA (Banking)

Integrates basic concepts of management with specialized training in Banking, Treasury Operations, Risk Management, Investment Banking.

### BBA (Business Analytics)

Acquire experience and knowledge of various analytical tools, statistical analysis and data mining, data visualization and business metrics.

### BBA (Economic Studies)

This specialization focuses on updating students with some of the major aspects of business economics such as Business Statistics, Business Analysis, Business Environment, Microeconomics, Macroeconomics and International Business.

### BBA (Financial Markets)

Meets the growing demand for qualified professionals in the financial market and enables the students to acquire higher qualification such as AMFI, NCCMP, NISM and CISI certifications.

### BBA (Professional)

The subjects in this specialization are designed as per the requirements of a professional certification: CIMA, UK

### BBA (Logistics & Supply Chain Management)

This Specialization focuses on familiarising the students with concepts and processes involved in Logistics and Supply Chain domain.

### BBA (Human Resource Management)

This specialization provides students knowledge in HR domain and also helps them understand various human resource initiatives which helps them explore their potential in the field of HR.

### BBA (Marketing Management)

This specialisation details the concepts of marketing and helps students to enhance their business skills, negotiation skills which are key for a marketing professional.

### BBA (Insurance)

Prepare students for a promising career in the Insurance sector such as life, property, automobile, and medical insurance.

### BBA (Family Business Management)

This specialization highlights the best management practices adopted by family businesses across the globe to build scions and develop a leadership pipeline that is capable of running businesses in the most efficient manner. The course content is conceptualized to the needs of family businesses. It helps families to understand their business better and prepares them to sustain it through phases of transition.

### B.Com (Professional)

This program focuses on developing proficiency in accountancy, taxation and auditing. The subjects in this program are designed as per the requirements of ACCA (Association of Chartered Certified Accountants, UK) qualification. The students opting for this program are benefited with ACCA subject exemptions in accordance with the agreement with ACCA.

### B.Com (Business Process Services)

This program is a result of an academic industry collaboration with Tata Consultancy Services (TCS), designed with the aim of bringing Business Process Services (BPS) as a specialization in undergraduate curriculum. The Program has been launched with the intention of leveraging the huge employment opportunities available in the BPS space.

### M.Com (Logistics & Supply Chain)

Understanding of the supply chain, material information and capital flows gives a holistic perspective to students pursuing commerce education. By applying principles of logistics, students are exposed to the dynamics of this function which enables them to understand the current challenges faced by supply chain professionals and provides a basis for arriving at optimal solutions. The program also offers opportunities to pursue additional certification



programs and workshops related to logistics and supply chain. Candidates have opportunities to pursue career both in India and abroad.

#### **M.Com (Professional)**

This program focuses on developing proficiency in accountancy, taxation and auditing. The subjects are mapped to the subjects of ACCA (Association of Chartered Certified Accountants, UK). The students opting for this program are benefitted with subject exemptions if they register for ACCA.

#### **M.Com (Banking Technology)**

The program was introduced keeping in mind the changing landscape in the banking sector and to meet the growing trained manpower needs of this sector. All key features of present day banking including the basic banking operations, credit management, risk management, international banking, legal aspects are part of the curriculum.

#### **M.Sc (Financial Economics)**

This program aims to facilitate students to bridge the gap between economic theory and practical aspects of finance. It was developed to meet the increasing demand for specialists in finance and economics by imparting rigorous training in economics, finance, statistics and mathematics.

Globally financial sector has experienced phenomenal growth, witnessing drastic changes in range and sophistication of operations, resulting in higher demand for financial practitioners. This program also helps students to develop analytical skills, preparing them for wide range career options in economics and finance.

#### **M.Sc. (Health Economics)**

The program contributes to development of the health professionals and economists who aspire to mark their presence in the highly promising field of Health Economics. The demand for skilled health economists is enormous in various fields of healthcare industry. In India, the course is the first of its kind comprehensive program offered at master's level with two-year duration.

The course is offered in collaboration with other departments (Public health, Bio-statistics, and Pharmacology) of MAHE. Also, the department has partnered with select reputed universities in Europe and Australia for credit transfer/ study abroad/ internship opportunities. The course will enable the candidates to be an effective decision-maker in the domain of Health Economics and its allied functional areas.

Note: Department will organize Bridge Course for students admitted to M.Sc. (Health Economics) to prepare them for undergoing the program. Bridge course is mandatory for all the students admitted to the program and will consist of two subjects viz. Fundamentals of Economics and Introduction to Public Health (40 hours each). The bridge course will not be considered for credits.

#### **M.Sc. (Business Analytics)**

The programme aims to develop business analytics professionals who aspire to make their presence in the highly promising field of analytics and data science industry. The demand for skilled analysts is enormous across business domains as well as industries. Recent reports have projected a CAGR of 33.5% for the analytics industry in India with an estimate of over \$3 billion revenue annually. The program is interdisciplinary and application oriented, designed based on industry inputs and aimed at preparing the candidates to apply analytics in functional areas of business including Finance, Operations, Human Resources and Marketing.

#### **M A (Digital & Creative Marketing)**

This unique program is designed to emphasize on providing managerial skills, marketing insights, and Hands-on Digital Media Marketing skills. With rich academic delivery and industry interactions the course also provides professional digital media certification courses from the industry giants through modules like Social Media Marketing, Search Engine Optimization, Online Advertising, Marketing Analytics, Content

Marketing, website designing and web-based application designing.

#### **Post Graduate Diploma (Logistics & Supply Chain)**

This one year Post graduate diploma program has been introduced to develop trained manpower for Logistics and Supply chain functions. The course content has been developed as per the industry requirements. The program also offers opportunities to pursue additional certification programs that adds value to a candidate's career. This program enables to pursue higher studies abroad.



**Placements**

The department has an active placement and internship cell engaged in providing internship and placements. The aim of the placement Cell is to invite Companies with high employer reputation to the College campus.

**Placement Record**



**Academic Collaboration for credit transfers, Exchange programs and Internship**

The department has academic collaboration with 21 leading universities/institutions across the globe for student exchange /credit transfer arrangements, Listed below are few of the leading universities/ institutions.



**Partnership with leading Universities across continents**

**Europe & UK**

- Academia College, Slovenia.
- American Business School, France
- Hogeschool Utrecht (University of Applied Sciences, Utrecht), the Netherlands.
- Rennes School of Business, Rennes, France.
- Varna University of Management, Varna, Bulgaria

**Australia & New Zealand**

- The University of Queensland, Australia
- University of New South Wales (UNSW)
- Deakin University, Australia.
- RMIT University, Australia
- University of Waikato, New Zealand
- University of Newcastle, Australia.

**North America & South America**

- University of Kentucky, USA.
- Wright State University, USA.
- University of South Florida, USA
- University of Cincinnati, USA
- Florida International University, USA.
- The University of Arizona, USA.



## BBA (Banking)

### Duration

3 Years (6 Semesters)

**Eligibility Criteria & Admission Process**  
Refer **Section 2**

**Course Fees, Hostel Fees, Refund Rules**  
Refer **Section 3**

**Last date to apply:** 09.07.2022

**Commencement of Classes:** 02.08.2022



### Program Description

This program aims to provide in-depth knowledge on modern theories of money and banking and recent developments in the analysis of monetary policy. The program covers core disciplines like bank management, principles of management, accounting, taxation, business law, statistics and economics along with inter-disciplinary subjects.



### Focus

The program focuses on developing banking and Financial career in industry or enabling skills which facilitates progression to Master level programs in India and Abroad



### Career Prospects

Financial Planner, Financial Analyst, Investor Relations Associate, Actuary, Credit Analyst and government sectors

## BBA (Financial Markets)

### Duration

3 Years (6 Semesters)

**Eligibility Criteria & Admission Process**  
Refer **Section 2**

**Course Fees, Hostel Fees, Refund Rules**  
Refer **Section 3**

**Last date to apply:** 09.07.2022

**Commencement of Classes:** 02.08.2022



### Program Description

The program gives through knowledge on capital market, derivative market, commodity market, currency market, technical analysis and fundamental analysis or options trading strategy along with inter-disciplinary subjects.



### Focus

The focus of the program is to develop the capabilities to pursue a career in the financial services industry with abilities to analyse the functioning and prospects of financial instruments. The program will also facilitate the students to progress the master's program in the financial markets arena in India and abroad.



### Career Prospects

Financial institutions, Broking Houses, Research Houses, Depository Houses, Arbitrager, trader etc.

## BBA (Professional)

### Duration

3 Years (6 Semesters)

**Eligibility Criteria & Admission Process**  
Refer **Section 2**

**Course Fees, Hostel Fees, Refund Rules**  
Refer **Section 3**

**Last date to apply:** 09.07.2022

**Commencement of Classes:** 02.08.2022



### Program Description

The program covers core disciplines like principles of management, accounting, taxation, business law, human resource, marketing and economics along with inter-disciplinary subjects.



### Focus

The focus of the program is to enhance the skills of the students to be a management accountant professional with facilitation for the master's program in accounting and finance in India and Abroad



### Career Prospects

Opportunities across audit firms, corporate finance, tax and treasury teams, Financial Advisory across IT and ITES, FMCG and government sectors

## BBA (Logistics & Supply Chain Management)

### Duration

3 Years (6 Semesters)

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

**Last date to apply:** 09.07.2022

**Commencement of Classes:** 02.08.2022



### Program Description

The program covers the concepts and processes involved in logistics-related domains, such as transportation, shipment, and others. The curriculum is designed with the aim of familiarizing students with the inner working of the business world. The inter-disciplinary subjects.



### Focus

The course draws the experiences in all functional areas that touch supply chain management and logistics such as transportation, procurement, customer service which provides unique platform for formulating SCM strategies



### Career Prospects

Strategic Planner, Purchase Manager, Purchase Analyst, Procurement Manager, Inventory Manager, Warehouse Manager across e-commerce, FMCG, retail and manufacturing sectors.

## BBA (Human Resource Management)

### Duration

3 Years (6 Semesters)

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

**Last date to apply:** 09.07.2022

**Commencement of Classes:** 02.08.2022



### Program Description

The program combines the study of management techniques along with specialized areas like learning and development, training, recruitment, performance appraisal with inter-disciplinary subjects.



### Focus

The focus of the program is to describe the management and development of employees in an organization. Also guiding the students on human resource management which involves overseeing all things related to managing an organization's human capital.



### Career Prospects

HR manager, HR coordinator, Talent Acquisition specialist, IT Recruiter, Admin Executive across IT and ITES, FMCG and government sectors

## BBA (Business Analytics)

### Duration

3 Years (6 Semesters)

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

**Last date to apply:** 09.07.2022

**Commencement of Classes:** 02.08.2022



### Program Description

The program aims to provide the fundamental knowledge on various statistical tools, techniques and Information Technology related skills required to become a professional in growing field of business analytics and data science. The program is inter-disciplinary and application oriented, designed based on industry inputs.



### Focus

The program focuses on developing the skills and knowledge essential for applying data-analytics driven solutions in various business functions such as Finance, Operations, Human Resources and Marketing. The program also facilitates progression to Masters level program in India and abroad.



### Career Prospects

This inter-disciplinary program enables the students for career opportunities as Business Analysts, Data Analysts, Data Scientists and Consultant in diverse industries and sectors including Banking, Finance, Healthcare, IT, Insurance, Retail, Manufacturing & Engineering, Mining, Energy, Telecom and so on.

## BBA (Economics Studies)

### Duration

3 Years (6 Semesters)

**Eligibility Criteria & Admission Process**  
Refer **Section 2**

**Course Fees, Hostel Fees, Refund Rules**  
Refer **Section 3**

**Last date to apply:** 09.07.2022

**Commencement of Classes:** 02.08.2022



### Program Description

The program aims to utilize the economic applications into business development and decision making at firm level and to conduct market research on business development.



### Focus

The program focuses on applied economics and finance along with econometrics knowledge for market research and other areas of developing business and industry.



### Career Prospects

Banking, financial market, economic research and development and financial analyst etc. The student can look forward to a managerial economist career in the industry or take-up Master-level programs either in India or abroad.

## BBA (Marketing Management)

### Duration

3 Years (6 Semesters)

**Eligibility Criteria & Admission Process**  
Refer **Section 2**

**Course Fees, Hostel Fees, Refund Rules**  
Refer **Section 3**

**Last date to apply:** 09.07.2022

**Commencement of Classes:** 02.08.2022



### Program Description

The programme acquaints students to marketing theories and principles along with advertising topics, such as buyer behavior, pricing theory, importing and exporting along with core disciplines like principles of management, accounting, taxation, business law, human resource, marketing and economics along with inter-disciplinary subjects.



### Focus

This program focuses on developing the student for a career in marketing with comprehensive knowledge of consumer behaviour, retail management, distribution, merchandising and also equips with exposure in both rural and international marketing. The student can look forward to a marketing career in the industry or take-up Master-level programs either in India or abroad.



### Career Prospects

Sales manager, Promotions manager, Public relations manager, Advertising manager, Marketing manager across IT and ITES, FMCG and government sectors

## BBA (Insurance)

### Duration

3 Years (6 Semesters)

**Eligibility Criteria & Admission Process**  
Refer **Section 2**

**Course Fees, Hostel Fees, Refund Rules**  
Refer **Section 3**

**Last date to apply:** 09.07.2022

**Commencement of Classes:** 02.08.2022



### Program Description

The student can look forward to a managerial economist career in the industry or take-up Master-level programs either in India or abroad.



### Focus

The programme focuses on enhancing the knowledge and skills in the area of insurance and risk management which facilitates progression to Master level program or insurance industry in India and abroad.



### Career Prospects

Career opportunities in insurance, personal financial planning, or as an employee benefits manager, insurance regulator, group insurance representative, agent, broker, risk manager, or safety or loss-control expert.



## BBA (Family Business Management)

### Duration

3 Years (6 Semesters)

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

**Last date to apply:** 09.07.2022

**Commencement of Classes:** 02.08.2022



### Program Description

The program provides insight on establishing business policies, effective communication practices, understanding of family business structures, collaborating with family members and colleagues to build an action plan for the business along with core with inter-disciplinary subjects.



### Focus

The program focuses on enhancing entrepreneurial skills of students with family business background and to help them cope with the challenges of family business succession.



### Career Prospects

Opportunities across to develop and lead the family business with enhanced managerial and entrepreneurial skills.

## B.Com. (Professional)

### Duration

3 Years (6 Semesters)

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

**Last date to apply:** 09.07.2022

**Commencement of Classes:** 02.08.2022



### Program Description

The professional program is mapped to the subjects of ACCA (Association of Chartered Certified Accountants, UK) and students are benefited with 9 paper exemption.



### Focus

The professional program focuses on developing proficiency in accountancy, taxation, auditing, insurance and banking sectors.



### Career Prospects

Opportunities across audit firms, corporate finance, tax and treasury teams across IT and ITES, FMCG and government sectors.

## B.Com. (Business Process Services)

### Duration

3 Years (6 Semesters)

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

**Last date to apply:** 09.07.2022

**Commencement of Classes:** 02.08.2022



### Program Description

The program is designed in collaboration with TCS with industry oriented subjects like management in business process service, retailing and marketing research, capital markets, banking and insurance along with core syllabus which facilitates progression to Master level programs in India and abroad.



### Focus

The BPS program focusses on the requirements of the business process outsourcing industry, insurance sectors etc.



### Career Prospects

Opportunities across ITES, FMCG and government sectors.



## M.Com (Professional)

### Duration

2 years (4 semesters)

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

**Last date to apply:** 02.08.2022

**Commencement of Classes:** 13.09.2022



### Program Description

The program is mapped to the subjects of ACCA (Association of Chartered Certified Accountants, UK) and students are benefited with 9 paper exemption.



### Focus

The program focuses on developing proficiency in accountancy, taxation and auditing.



### Career Prospects

Opportunities across audit firms, corporate finance, tax and treasury teams across IT and ITES, FMCG and government sectors.

## M.Com (Logistics & Supply Chain)

### Duration

2 years (4 semesters)

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

**Last date to apply:** 02.08.2022

**Commencement of Classes:** 13.09.2022



### Program Description

The programme offers a well-structured approach to various facets of Logistics and Supply Chain sector.



### Focus

The program provides insight and helps to build managerial career in Logistics and Supply Chain sector, strategic sourcing and procurement.



### Career Prospects

Strategic Planner, Purchase Manager, Purchase Analyst, Procurement Manager, Inventory Manager, Warehouse Manager across e-commerce, FMCG, retail and manufacturing sectors.

## M.Com (Banking Technology)

### Duration

2 years (4 semesters)

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

**Last date to apply:** 02.08.2022

**Commencement of Classes:** 13.09.2022



### Program Description

The programme is designed focusing the changing landscape in the banking sector and to meet the growing need of trained manpower of this sector.



### Focus

The programme aims to develop banking and finance professionals with a broad range of subjects like banking laws, banking products, financial intermediation, financial markets and institutions, and accounting.



### Career Prospects

Careers in banking and financial services including customer service banking, sales positions, and financial advisory and analytics.

## M.Sc. (Financial Economics)

### Duration

2 years (4 semesters)

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

**Last date to apply:** 02.08.2022

**Commencement of Classes:** 13.09.2022



### Program Description

The program aims to bridge the gap between economic theories and financial models to meet the increasing demand for specialists in finance and economics.



### Focus

The program focuses on applied econometrics and risk management along with technical applications like SPSS, e-View and R.



### Career Prospects

Investment Banking, Commercial Banking, Asset Management, Equity Management, Financial engineering, Venture Capital etc.

## M.Sc. (Health Economics)

### Duration

2 years (4 semesters)

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

**Last date to apply:** 02.08.2022

**Commencement of Classes:** 13.09.2022



### Program Description

The program contributes to the development of health professionals and economists who aspire to make their presence in the highly promising field of Health Economics.



### Focus

The program cuts boundaries between health care and economics and focuses on Health Economic Modeling, Economic Evaluation, Systematic Review, Health Technology Assessment (HTA) and Development of Cost Effectiveness Models.



### Career Prospects

Health Economists, Health Economics Outcome Researcher, Health Care Analyst, Systematic Review Experts, Economic Modeler, Global Health Policy Reviewers in the health care sectors, WHO etc.

## M.Sc. (Business Analytics)

### Duration

2 years (4 semesters)

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

**Last date to apply:** 02.08.2022

**Commencement of Classes:** 13.09.2022



### Program Description

The programme aims to develop business analytics professionals who aspire to make their presence in the field of analytics and data science.



### Focus

The program is inter-disciplinary and application oriented, designed based on industry inputs and aimed at preparing the candidates to apply analytics in functional areas of business including Finance, Operations, Human Resources and Marketing.



### Career Prospects

Business Analysts, Data Analysts, Data Scientists and Consultant in diverse industries and sectors including Banking, Finance, Healthcare, IT, Insurance, Retail, Manufacturing & Engineering, Mining, Energy, Telecom etc.

## M A (Digital & Creative Marketing)

### Duration

2 years (4 semesters)

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

**Last date to apply:** 02.08.2022

**Commencement of Classes:** 13.09.2022



### Program Description

The Program aims to provide hands-on experience to prepare industry-ready digital marketing professionals. It consists of dedicated digital media modules like Social Media Marketing, Search Engine Optimization, Online Advertising, Marketing Analytics, Content Marketing, Website Designing, Web based Application Designing.



### Focus

This unique program is designed to emphasize on providing managerial skills, marketing insights, and Hands-on Digital Media Marketing skills.



### Career Prospects

Opportunities in Digital Marketing domain includes SEO Analyst, Social Media Manager, Digital Media Marketing Manager, Affiliate Marketer, Web Developer, Web Application Developers, Web Designer, Search Engine Marketing (SEM) or Pay-per-click experts (PPC), CRM Manager, Email Marketing Manager, E-Commerce Manager, Analytics Manager

## PGD (Logistics & Supply Chain)

### Duration

1 Year (2 Semesters)

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

**Last date to apply:** 01.08.2022

**Commencement of Classes:** 13.09.2022



### Program Description

The 12 month programme is structured to keep up with the increasing demand of Logistics and Supply Chain professionals



### Focus

The program provides insight and helps to build managerial career in Logistics and Supply Chain sector, strategic sourcing and procurement.



### Career Prospects

Strategic Planner, Purchase Manager, Purchase Analyst, Procurement Manager, Inventory Manager, Warehouse Manager across e-commerce, FMCG, retail and manufacturing sectors.



# WELCOMGROUP GRADUATE SCHOOL OF HOTEL ADMINISTRATION [WGSHA]

Welcomgroup Graduate School of Hotel Administration (WGSHA) was established in 1986 as a unit of Dr. TMA Pai Foundation in partnership with ITC Hotels.





#1

**Ranked No.1 as Supreme Hotel Management Institute in India consecutively since 2007**

Source: GHRDC Hotel Management Institutes Survey 2021

#2

**Ranked No. 2 among Top Hotel Management Colleges in India**

Source: The Week – Hansa Research - Best College Survey 2021

#2

**No. 2 among the Best Hotel Management Colleges in India**

Source: India Today- MDRA Best Colleges Ranking 2021

#1

**No. 1 among the India's Top Hotel Management Colleges (Private)**

Source: Outlook Icare India's Best Colleges Rankings 2021

Welcomgroup Graduate School of Hotel Administration (WGSHA) is a constituent unit of Manipal Academy of Higher Education, Manipal, and was established in 1986 as a unit of Dr TMA Pai Foundation in partnership with the Hotels Division of ITC Ltd. Today, WGSHA is India's premier hotel management institute, ranked among the best hotel management schools in India and the world.

An institute with excellent brand image, three decades of history, highly successful alumni base, supportive staff and welcoming atmosphere, it has been ranked No. 1 as 'Supreme Hotel Management Institute of India' by Global Human Resource Development Centre Pvt. Ltd. consecutively for the last eleven years. It has also been ranked No. 2 among Top 50 Colleges in Hotel Management in India by The Week – Hansa Research - Best Colleges Survey 2019, No. 2 among the Top 10 Hotel Management Colleges in India in Outlook- Drshti India's Top Professional College Rankings 2019 and No. 2 among the Top 10 Hotel Management Colleges by India Today- MDRA Best Colleges Ranking 2019.

Built and operated within the university campus, the college's highlights and best practices include:

1. The college is approved by All India Council of Technical Education (AICTE) for BHM and MHM programs
2. College is partnered with ITC Hotels which supports the institute by lending its expertise in conducting the courses, continuous update of curriculum, assisting in admissions and provides other support from its hotels
3. Accredited by Indian Federation of Culinary Associations (IFCA)
4. Accredited by World Association of Chefs Societies (WACS)
5. Certified by Food Safety and Standards Authority of India (FSSAI), as a licensed food business operator
6. Accredited by 'Hotel Schools of Distinction', USA. WGSHA is the first and only hospitality school in Asia-Pacific region to be accredited by HSD
7. Tie-up with annexed hotel Fortune Inn Valley View, member, ITC's Hotel Group for hands-on training and real-time exposure to the hospitality industry
8. International collaborations and flexible pathway options for students. The institute has academic partnerships and collaborations with colleges in Canada, Bulgaria, Italy, and Indonesia
9. The only institute to offer professional wine appreciation programme
10. Public Private Partnership - Student and Faculty Mobility Program with National Council for Hotel Management and Catering Technology (NCHMCT)
11. Apart from the university scholarships, the college provides many scholarships as prizes, medals and some of them are fully sponsored scholarships by alumni and other partners. These include ITC Chairman's Gold Medal for university topper of BA (Culinary Arts), ITC Chairman's Gold Medals for Best Outgoing Students of BHM and BA (Culinary Arts), Chef Floyd Cardoz Scholarship, Lourdes Scholarship, Ricky Victor D'Souza Memorial Award (Gold medal), Prof. Trevor Devas Award, G Sathyavathi Award etc.
12. Curriculum Conclaves are held with all stakeholders - Industry, Alumni, Students, Faculty and Parents and new Outcome Based Education (OBE) curriculum has been implemented
13. Maximum number of recruiters among the top brands in India and overseas, including Fortune 500 companies, visiting the campus. Our industry partnerships facilitate internships and placements
14. WGSHA has launched Industry-Academia Interface Sessions with industry stalwarts from the top hotel brands and our faculty members to share their views and concerns

15. Welcomgroup Entrepreneurial Development Cell (WEDC) has been established in the college to promote entrepreneurship among the students
16. Extensive Alumni Engagement and Worldwide Networking. We connect our successful alumni globally with our students via Virtual Lecture Series and hold Alumni Meets regularly in campus and major cities in India.
17. WGSHA Alumni are continuously associated with the college conducting workshops, being speakers in seminars and by taking guest lectures. Celebrity Chef Vikas Khanna, 'Distinguished Alumnus', WGSHA and 6-time Michelin Starred Indian Chef, has donated a Culinary Museum displaying antique utensils and tools worth \$ 2 million.
18. Simulations, Culinary Boot Camps, Food Enthusiasts Programmes, Wine Appreciation Programmes, Expert Sessions, Food Festivals, Hostel festivals etc. are conducted frequently to add to the students' learning and exposure.
19. To strengthen our students' skill sets, the college has created a student-run restaurant 'Classic Café, a student-run pastry shop 'Ministry of Bakery' (MOB), and a Gourmet Store of food products in campus.
20. Several clubs like Gastronomy Club, Cultural Club, Ministry of Bakery (MOB), On the Rocks Club, Accommodation Club, Digital and Social Media Club, Sports Club, Literary Club, Quiz Club, WGSHA Horticulture – Green House / Spice Garden, Soft Skills Development Programme etc. have been instituted to facilitate students' co-curricular and extra-curricular activities.
21. Experienced full-time faculty in all departments provide contemporary education. In addition, Adjunct faculty members, working in many international universities of repute, have been appointed to share their expertise and provide their valued inputs to our students

22. Faculty and students are continuously engaged in publishing and research work, which is supported by large collection of digital learning resources
23. Paperless e-pad examination has been implemented in which students write exams on a tab provided to them
24. College uses CESIM Hospitality Simulation Software for thorough understanding of operational decision making by the students

### ► Student Exchange Programs

- International Association for the Exchange of Technical Expertise (IAESTE)
- Numerous collaborations with foreign universities for semester abroad opportunities and a Manipal chapter of AIESEC.

### ► Placements

Our valued recruiting partners are: ITC Hotels, Marriott International, McDonald's, Taj Hotels Resorts & Palaces, The Oberoi Group, The Leela Palace Hotels & Resorts, The Park Hotels, Marriott, Accor Hospitality, IHG (Intercontinental Hotel Group), Radisson Blu, FPHL (Fortune Park Hotel Limited), Ista Hotels, Casino Hotels, Hyatt Hotels, Lemon Tree Hotels, Royal Orchid Hotels, Cinopolis, GRT Hotels & Resorts, Lalit Hotels, Muthoot Group, CGH Earth, Domino's, SpiceJet, Emirates, Qatar Airways, Jet Airways, Indigo, Tata Starbucks, Teach for India, Soukya and Fairmont.

### ► Facilities and Infrastructure Library

The WGSHA library has a specific collection of over 12401 books, 888 CD-ROMs on hotel related and digital resources on Hotel Management and allied disciplines and the sector. It subscribes to over 53 journals and magazines including International Journal of Hospitality Management, Cornell Hospitality Quarterly, Journal of Hospitality and Tourism Research etc. Also, it subscribes e-journals & online databases including Scopus, Web of Science, SciVal, Sage, Springer,

EBSCO (Hospitality and Tourism) Complete and CAC+HTLC (Culinary Arts Collection and Hospitality, Tourism and Leisure Collection).

### WGSHA Academic Block

#### Lab Kitchen and Bakery

Well-equipped, state-of-the-art Kitchens and Bakeries for contemporary learning experience in culinary arts and bakery, meeting specialized training needs of the students at par with industry standards

#### Front Office Training Lab

The state of the art Front Office Training Lab brings students to real life environment of the hotel including room reservations, registration, guest relations, telephones, cashiering, guest accounting, revenue management, etc. Front Office Training Lab is used for simulations and hands-on learning with hotel software like Oracle Opera, IDS etc.

#### Housekeeping Mock Guest Room

Used for practical classes and demonstration of housekeeping operations and techniques.

#### Student Training Restaurants

Two fully equipped restaurants (Rendezvous and Chhaya) for practical training in F & B Service skills.

#### Mock Bar

A fully equipped mock bar for demonstrations and practical work permits students to create, prepare and serve beverages & cocktails.

#### Computer Lab

The institute has more than 160 advanced computers with LAN and internet services, and LCD projection systems, hardware and software, digital cameras, printers, scanners, photocopying machine and video cameras etc.

In addition to the IT services which provides to specialized computational needs of the institute, the computer lab has: 35 desktops with latest configuration with Windows 10 and MS Office 2013. For the academic purpose, Opera, DietCal, Statistical and software for multimedia are available.

### Training Hotel

The annexed hotel 68 room Fortune Inn Valley View, located within the campus, facilitates practical, on-the-job training for real world experiences for students.

### Culinary Academic Block 1

This academic block has well-equipped training kitchens and classrooms, including dedicated hot and cold kitchens, pastry and confectionary kitchens, meat-cutting and fabrication labs; food photography labs, dining room; academic classroom spaces for interactions embedded with studio kitchens.

**Eka (Lab Kitchen):** Chefs lab which is equipped with modern and industry standard equipment like: Knife Sanitizer, Colour coded cutting boards for each individual station, Waste disposable system, Chinese High-pressure range, Tandoor, Imported Pardini utensils and ergonomically built work stations.

The kitchen and bakery laboratories are carefully designed to meet the specialized training needs of our students. All facilities are equipped with the latest, industry-standard equipment.

Additionally, students receive hands-on experience at different timings during the full-time operations at the Valley View hotel kitchen.

**Mithai:** It is the fully equipped bakery and confectionery lab of the Department of Culinary Arts.

**Gourmet Creation:** A Studio Kitchen with a theatre-style seating capacity of 65 guests, with advanced audio / video system, in which students hone their culinary presentation skills in front of camera and audience.

**Classic Café (Training Restaurant):** A 40 Cover training restaurant with contemporary setting, also having a 'Spice Wall' with a vast display of spices, give an unique ambience where students learn and practice their skills.

**Drishti (Class room):** Comfortable class room which can accommodate 48 students with an advance Audio / Video system.

### Culinary Academic Block 2 and Culinary Museum

**Kriya:** A well-designed modern hi-tech advanced kitchen with 48 work stations with a capacity of 96 students, having latest equipment like sous vide machine, gravity slicer, dehydrator etc apart from the regular ones, is one of the largest kitchens among the culinary schools of Asia. The attached cold kitchen is having capacity to

**Prayog:** The fully equipped bakery with 20 marble-top work stations has been designed for 54 students with imported planetary mixers, induction cook tops, proofing chamber and deck and combi ovens along with epoxy flooring and a separate oven room.

**Paaka – The Chocolate Studio:** The chocolate room with a marble top work station and 7 side stations provides scope for learning delicate artwork in bakery and confectionary and for conducting innovative workshops and

**Maha:** A multi-purpose hall with audio-visual aids is also used for small functions and as a mock restaurant for simulations.

**Shiksha 1 & 2:** The studio kitchens with modern audio-visual aids like LCD Displays, Camera, Television etc. is used as classroom and for culinary demonstrations by visiting chefs from across the world.

**ALAYA- Culinary Museum:** Chef Vikas Khanna, Distinguished Alumnus, WGSHA and 5-time Michelin Star Celebrity Indian Chef has donated a Culinary Museum in WGSHA housing antique utensils and kitchen tools as collectors items from around the country and world.

### Accreditation/ Collaborations/Patents/ Grants/Papers

- Accredited by Indian Federation of Culinary Associations (IFCA)
- Accredited by World Association of Chefs Societies (WACS)
- Certified by Food Safety and Standards Authority of India (FSSAI), as a licensed food business operator
- Accredited by 'Hotel Schools of Distinction', USA. WGSHA is the first and only hospitality school in Asia-Pacific region to be accredited by HSD
- Public Private Partnership - Student and Faculty Mobility Program with National Council for Hotel Management and Catering Technology (NCHMCT)

### Research Excellence

Centre for Hospitality and Tourism Research (CHTR) has been established to focus on research, consultancy and continuing professional development initiatives in the area of hospitality and tourism management within Welcomgroup Graduate School of Hotel Administration (WGSHA) and its departments.

The CHTR oversees the undergraduate and postgraduate research programmes, which focus on the preparation of projects in the areas of multi industry areas of tourism and hospitality with mix of perspectives: generic and sector specific in International hospitality and tourism management.

The digital repository of faculty publications is uploaded on the University website

(<http://eprints.manipal.edu/view/subjects/HM1.html>) displaying articles, book sections, conference/workshop presentations and research thesis of the faculty of the institution.

The college organizes multiple conferences on Tourism, Hospitality and Culinary Arts.

## ▶ Bachelor of Hotel Management (BHM)

### Duration

4 Years (8 Semesters)

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

**Last date to apply:** 31.03.2022

**Commencement of Classes:** 01.08.2022  
(Tentative)



### Program Description

The BHM programme aims to provide students a strong base of knowledge, skills and attitudes required for employability/ leadership roles in hospitality and restaurant operations/ management /entrepreneurship.



### Focus

- Gaining knowledge and skills in Food Production, Food & Beverage Service, Front Office, Accommodation Operations, and Management Studies.
- Developing attitudes, contextual knowledge and appropriate techniques; demonstrate, apply and commit the same towards the specific needs of the hospitality industry with due consideration of health and safety, cultural, societal, legal and environment.
- Develop research acumen to identify and solve business problems with the hospitality and management principles learnt, and apply them in day to day work as a member, and as an efficient leader of the team



### Career Prospects

Hotels and restaurants, tourism and allied services, retail; mixed used commercial services, aviation, customer care and logistic services, serviced apartments, hospitality services for cruise liners, railways, spa operations, customer care in financial institutions, event management and many such service based commercial ventures including technologically-driven on-line services and products.

## ▶ Bachelor of Arts (Culinary Arts)

### Duration

3 Years (6 Semesters)

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Eligibility Criteria & Admission Process

Refer **Section 3**

**Last date to apply:** 31.03.2022

**Commencement of Classes:** 01.08.2022  
(Tentative)



### Program Description

The B.A. (Culinary Arts) programme aims to provide aspiring culinary professionals a globally benchmarked educational experience and qualification, designed by top chefs from India and focuses on hands-on-training. The classes are handled by proficient chefs and guest chefs from around the world.



### Focus

- Imparting hands-on, skill oriented intense global curriculum in the field of culinary covering cuisines around the world
- Prepare culinary professionals with requisite attributes for global marketability in the fast-changing culinary industry



### Career Prospects

The students, at the end of this programme can work as Chefs in hotels, restaurants, cruise liners etc.; pursue higher studies and research, or start their own entrepreneurial venture.

## ▶ Master of Arts (Indian Cuisine and Food Culture)

### Duration

2 Years (4 Semesters)

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Eligibility Criteria & Admission Process

Refer **Section 3**

**Last date to apply:** 31.03.2022

**Commencement of Classes:** \_\_\_\_\_  
(Tentative)



### Program Description

This course will impart a hands-on, skill oriented intense curriculum on Indian Cuisine and Culture



### Focus

This course will focus on all aspects of Indian cuisine and food culture including cuisines from all over India, Indian sweets, breakfast cookery, healthy cooking, tandoor and volume cookery.



### Career Prospects

The student, at the end of this programme can work in hotels, restaurants, airlines, cruise liners etc. and may also pursue higher studies and research, or start their own entrepreneurial venture.



## Master of Hotel Management (MHM)

### Duration

2 Years (4 Semesters)

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Eligibility Criteria & Admission Process

Refer **Section 3**

**Last date to apply:** 31.03.2022

**Commencement of Classes:** \_\_\_\_\_  
(Tentative)



### Program Description

This unique program aims to provide professional and managerial expertise in hotel management with the special emphasis in the domains of Revenue Management, and Sales & Marketing. Students will receive extensive exposure to hotel operations through practice schools to acquire skills, knowledge and attitude to work in hospitality organizations.



### Focus

This course will focus on providing skills in Revenue Management and Sales & Marketing, where a student has to select one specialisation



### Career Prospects

Build career opportunities in Sales and Marketing or Revenue Management in hotels and allied business organizations. This course also provides pathway to a career in hospitality related research, teaching, and consultancy.

## Master of Science (Dietetics and Applied Nutrition)

### Duration

2 Years (4 Semesters)

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Eligibility Criteria & Admission Process

Refer **Section 3**

**Last date to apply:** 31.03.2022

**Commencement of Classes:** \_\_\_\_\_  
(Tentative)



### Program Description

This program is designed to enhance knowledge and skills of those who wish to expand their understanding of human and clinical nutrition and develop critical evaluation skills through an integration of nutrition, dietetics (therapeutic nutrition) and research. The course enables students to get hands on training in the hospital and community in close association with dietitians, clinicians and grass root level workers.



### Focus

Clinical Exposure, Hands on Training, Advanced Diet Therapy, interaction with medical and paramedical personnel involved in patient care will be our focus. Apart from these, the students will also be encouraged to involve in research of their interest, participate in symposiums and conferences both inside and outside the university, be innovative in their thoughts and actions pertaining to nutrition & dietetics and thereby help build the department and the university at large.



### Career Prospects

Community health programs/centers; Government Schemes and Missions (like ICDS, NRHM, etc.); Government Organizations (like FSSAI, FNB, ICMR, Public Health Foundation etc.); Government R&D units; etc. The Private sector gives opportunities to work in specialist clinics, hospitals, NGOs; Nutraceutical firms (like Nestle, Hindustan UniLever, Britannia); Private R&D units /Nutrition Education Institutes; Health Clubs and Wellness Resorts; Sports Academies / Centres; International organizations such as WHO, FAO, UNICEF, FNB; etc.





# MANIPAL CENTRE FOR NATURAL SCIENCES [MCNS] Centre of Excellence

Manipal Academy of Higher Education (MAHE), had created the Manipal Centre for Natural Sciences (MCNS) in the year 2012, primarily to nurture fundamental research in the Natural Sciences. In the year 2013 the MCNS was recognized as a 'Centre of Excellence' under MAHE.



Since inception this “all-research” Centre has been striving to promote fundamental research in the forefront areas of natural sciences by encouraging independent and creative thought essential for scientific pursuit. The Centre presently has both academic and research programs. Building on its core strength in physics, MCNS is now expanding to include, earth and planetary sciences, chemistry and computational sciences, as part of an ambitious mandate, in the coming years.

### ► Academics and Research

MCNS has a regular Ph.D. program, from its inception. This is open to students who have completed their M.Sc. degree with excellent academic record and propose to do research in a contemporary topic in any area of science being pursued in the Center. In this scheme it is necessary for the applicant to defend his/her proposal in front of a panel of experts and obtain the recommendation for admission. Under this program, fellowship is not assured but, one can avail of either Dr. T.M.A. Pai Fellowship (offered by MAHE on a competitive basis) or by clearing NET. In some cases, the scholar may be supported by the mentoring faculty under an externally sponsored project.

From the AY 2021-22, MCNS is offering an ‘Integrated Ph.D. program, in addition to the existing regular Ph.D. program. The Integrated Ph.D. program aims to attract talented and dedicated Bachelor’s degree holders with a keen sense of scientific enquiry and motivation to pursue high priority research in frontier areas of Basic Sciences. This program is offered on a full-time basis for a minimum period of five and a half years. The first 2 semesters of the program would cover the essential subjects at the Master’s level, and specific courses mandatory for a Ph.D. The 3rd and the 4th semesters would be devoted entirely for a research project work at the Master’s level. The 5th semester and beyond would be for research towards the Ph.D. degree. Proceeding to the 5th semester is based on the candidate’s performance and on the

recommendation of the Master’s Advisory Committee. Students not recommended to, or not willing to continue for the Ph.D. program, would exit after the 4th semester with an M.Sc. degree, subject to eligibility.

A variety of elective courses are offered in the program. The courses are so designed by experts as to facilitate strong foundation in the selected discipline, as well as to incorporate inter-disciplinary elements to encourage cross-pollination of ideas and concepts. Laboratory experiments are unique to MCNS and are devised to enhance concept-based learning and a variety of scientific skills. The academic program is tightly integrated with computation, laboratory and field work. Invited seminars and talks by national and international experts are regular events at the Centre. Students participating in on-going research activities in an individualized environment will find it congenial for learning of a broad range of practical skills.

### ► Advisory Group

MCNS is supported by an Advisory Group that provides valuable and timely scientific, technical and policy inputs and recommendations, on quality and content of existing and intended academic programs to help in expanding its circle of visibility.

### ► Infrastructure

#### High Performance Computer Cluster “Shakti”

A dedicated high-performance computer cluster “Shakti” with fully parallel architecture is available for use by faculty and advanced level students at MCNS. Computing power and performance are kept upgraded as required.

#### Library and video conferencing

The Centre has a dedicated full-service library to support education and research in the natural sciences.

The library currently offers a wide range of e-resources and services to assist fundamental research in physical and earth sciences with digital access available to over

400+ full text journals and selected archives.

There are currently four sections: periodicals (both physical journals and digital subscriptions), reference, textbooks and multimedia. Library management is fully computerized.

### Laboratories

MCNS currently has 6 research and teaching laboratories. Research laboratories include Physics (Neutron source lab, HPGe lab, PG lab), Chemistry (Synthetic & Material Chemistry), Earth Sciences (Evolutionary Biology) and a Computing lab. In addition, an astrophysics set-up with a 12-inch telescope and peripherals (2014) are available. Experimental and computational skills are integrated into programs offered at the MCNS. An indigenously designed and fabricated table-top accelerator is available (2018) at the Centre for teaching and research. This equipment was designed and built, in technical collaboration with the Inter University Accelerator Centre (IUAC), New Delhi.

### Dr. T.M.A. Pai Planetarium

The Dr. T.M.A. Pai Planetarium is located on the banks of the beautiful Manipal Lake. This distinctively designed four-level building is also home to MCNS. The Carl Zeiss sky telescope within the Sky Theatre provides a year-round live sky experience to budding astronomers of all ages. It is also used as a teaching aid and astronomy lab for students and lifelong learners. This is the only planetarium in the country to co-exist within a research Centre in a prominent university. The integration of the planetarium activities with advanced research provides an exclusive platform for science outreach in the frontier areas of contemporary science.

Daily shows at the 70-seater Sky Theatre and special events held at the exhibit lobby are conducted on a not-for-profit basis. The planetarium also organises a variety of special interest events to mark important scientific occasions including new discoveries.

Apart from astronomy, outreach activities in natural history, birding, biodiversity, conservation of the Western Ghats and appreciation of our rich natural heritage are also encouraged. Students at MCNS are encouraged to participate in a host of extracurricular scientific and academic activities. Three student clubs namely (i) Nature Club (nature walks, talks and observations) (ii) Movie Club (screening of short videos of scientific interest) and (iii) Reading Club (reading and discussion on a topical paper from a leading scientific journal) meet on a monthly basis, and are entirely managed by research scholars, to convey the excitement of new ideas and discoveries while stimulating scientific debate and discussion.

#### Auditorium

A 100+ seater auditorium with audio-visual infrastructure is available for special events, talks and seminars.

#### Discovery

Researchers working in nuclear physics at MCNS have co-discovered 5 new isotopes while the observational astrophysics group has found new celestial objects. Paleontologists at MCNS have found unique micro-fossils and co-discovered a Jurassic era fossilized Ichthyosaur.

#### Advantages

Research at MCNS is in niche, emerging and inter-disciplinary areas of science, which makes the Centre a unique research destination. The Post-Doctoral program, a first at the Manipal Academy of Higher Education, is specially structured to nurture independence and creativity in research and collaborates with similar programs abroad, to encourage exchange and mobility.

MCNS provides a stimulating environment towards a future scientific leadership in the emerging fields, by encouraging blue sky research in all the branches of Natural Sciences. MCNS is also recognised as one of the Inter-University Centre for Astronomy and Astrophysics (IUCAA) for Astronomy Research and Development.

### Research Excellence in Numbers

No. of Research Scholars at the PhD level	4
No. of PhDs awarded	2
JRFs / SRFs/ Project Associates (present)	1
Total no. of Journal publications (Reputed journals) -	167
With National collaboration	79
With International collaboration	71
Books published	4
Book chapters	7
Completed Sponsored Research Projects	18
Ongoing Sponsored Research Projects	2
Research Projects (MCNS supported)	18
Grant funding proposals submitted	2
Research Grants	3,72,26,956 INR
Fellowship	1 INSPIRE fellowship
Student projects: M.Sc. /M.Tech. (completed)	19
M.Sc./M.Tech. (on going)	1
Workshops /schools	6
1. School on Algebraic Surfaces	
2. Math days in Manipal-Workshop on Algebraic Geometry-2015	
3. School on 'Recent Trends in Astrophysics and Cosmology'-2014	
4. Multi-wavelength study of the blazar: data acquisition and theoretical modeling-2013	
5. School on 'Observing Universe with AstroSat'-2018	
6. School on "Invitation to Particle Cosmology"-2018	
Summer Research Internship Program (annual)	8
Seminars & talks	150
Club events conducted	57
Conference, workshop attended	166
Invited talk at conferences	42

### Collaborations & Partnerships

Researchers at MCNS derive benefit from continuous interaction with eminent scientists of national and international repute, some of whom are a part of the Advisory Group of MCNS. Active formal and informal collaborations with well-known academic and research institutions, and renowned academicians provide exceptional opportunities to explore new research directions.





## Ph.D.

### Duration

Minimum 3.5 Years (Post M.Sc.)

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

**Last date to apply:** 30.06.2022

**Commencement of Classes:** \_\_\_\_\_



### Program Description

This regular Ph.D. program is open for students with Master's degree, highly meritorious, and motivated towards fundamental research in Natural Sciences such as physics, chemistry, earth and planetary sciences, evolutionary and developmental biology. However, For the current academic year, only Physics discipline is available, with a choice of specialization in (i) Astrophysics (ii) Nuclear Physics.



### Focus

The focus would be on a frontier problem in the chosen discipline. Added courses and projects would aim at building the student's strength in the concept, and in the experimental, analytical, modeling and computational skills, towards understanding a complex natural phenomenon, even while pursuing studies for the Ph.D. degree.



### Career Prospects

Since the emphasis is on high quality research work, a student obtaining Ph.D. degree under this program would have acquired remarkable skills in research, from approach to the problem to its solution, and hence would have a competitive edge while seeking an academic position or employment as a professional researcher in a reputed institution in India or abroad.

## Integrated Ph.D.

### Duration

Minimum 5.5 Years (including M.Sc.)

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

**Last date to apply:** 30.06.2022

**Commencement of Classes:** \_\_\_\_\_



### Program Description

This Integrated Ph.D. program is open for students with Bachelor's degree, highly meritorious, and motivated towards fundamental research in Natural Sciences such as physics, chemistry, earth and planetary sciences, evolutionary and developmental biology. However, for the current academic year, only Physics discipline is available, with a choice of specialization in (i) Astrophysics, (ii) Nuclear Physics. A student in this program, would complete the courses mandatory for a Ph.D., along with the courses essential for an MSc., during the first two semesters, and also acquire ample research experience by working on a research project, during the 3rd and the 4th semesters. Ph.D. level work begins at the 5th semester. Such a student would be more equipped, than a regular MSc student, while beginning to do Ph.D. level work.



### Focus

The focus would be to bring out the research skills of a motivated Bachelor student. Added courses and projects, at Master's and Ph.D. levels, would aim at building the student's strength in the concept, and in the experimental, analytical, modeling and computational skills, towards understanding a complex natural phenomenon, even while pursuing studies for the Ph.D. degree, on a frontier problem in the chosen discipline.



### Career Prospects

Since the emphasis is on high quality research work, a student obtaining Ph.D. degree under this program would have acquired remarkable skills in research, from approach to the problem to its solution, and hence would have a competitive edge while seeking an academic position or employment as a professional researcher in a reputed institution in India or abroad.



# FACULTY OF HUMANITIES, LIBERAL ARTS AND SOCIAL SCIENCES





# MANIPAL INSTITUTE OF COMMUNICATION [MIC]

Established in 1997, Manipal Institute of Communication is one of India's premier media and communication colleges.



#6

Ranked No.6 for best colleges ranking for Mass Communications Colleges in India, 2021

Source: The Week Hansa Research Survey, 2021

#6

Ranked No.6 for Top 10 Mass Communication Colleges in India.

Source: India Today

MIC offers graduate, post graduate, and PhD degree programs in media and communication including animation. The college also offers post-graduate diploma programs in Corporate Communication and Sports Communication. Every course's curriculum offers a wide spread of subjects combined with a plethora of electives to choose from.

### Advantage

Pursuing your graduate, post-graduate, or doctoral degree at Manipal Institute of Communication puts one in the rare company of students studying a professional course from one of India's top 10 journalism, media and communication colleges. A strong curriculum, expert professors, and contemporary infrastructure are the bedrock of this institution.

### Media Education at MIC

Pedagogic approach at MIC involves intensive training with the right blend of theory and practical application. Here, the emphasis is on skill building rather than mere knowledge accumulation. In line with this philosophy, the courses offered at MIC enable students to not just become knowledgeable individuals with the latest know-how of media industry activities but also to blossom into strong, steady individuals who are creative, think critically, write convincingly, speak clearly, work collaboratively, and are caring about other individuals around them.

### Special Features

#### Environment that fosters creative thinking

MIC encourages creative ideas and creative individuals. All activities – academic as well as non-academic are crafted to bring out the best creative

expression and stimulate further creative thinking.

#### Interdisciplinary research

At Manipal Institute of Communication, Manipal, research is a key activity. The college houses a Media Research Centre as well as Student Research Forum. Through this, the college develops and supports critical inquiry of issue related to media.

#### Pedagogy rooted in learning by doing

All the programs in MIC have a large component of practical project-based activities (individual and group) which students have to think, plan, and successfully complete to earn the necessary subject credits. In doing so, students learn to apply classroom learnings to real-time projects, develop their own creative portfolios, and pick up essential life skills.

#### International Collaborations

MIC has a very active international collaboration program with MAHE's partner universities across the globe. In tune with this program every year students from MIC go to partner universities and MIC hosts foreign students for a semester.

#### Research Excellence (Last Five Years)

- 21 journal publications in 2019-20
- Global Media Journal, Indian edition is published from MIC
- Faculty Research project, Status of Electronic Media Women Journalists in Karnataka was funded by National Commission of Women, New Delhi
- Faculty Research projects, 'Women's Reproductive Health' as well as 'Awareness of Road Safety' was funded by ICMR

- MIC's faculty members have authored books and book chapters on media topics
- MIC's faculty member received the ERASMUS+ scholarship for PhD
- MIC's faculty members have received research travel grant for International Communication Association's annual conference in Prague in 2018 and Association of Development Communication, India's research travel grant for International Association for Media and Communication Research annual conference in Madrid in 2019
- MIC's faculty are invited for presentations top global conferences for Media and Communication's including the ICA, IAMCR, and AMIC.
- Six doctoral students received their PhD degrees
- 15 doctoral studies are currently underway in MIC

#### Industry Affiliation

The Animation department at MIC is an Autodesk authorized certification centre. Other industry partnerships include student training and internships, industry research projects in collaboration with and for industry players and knowledge sharing by media and entertainment industry experts.

#### Internships and Placements

MIC's internship and placements cell offers assistance to students to ready themselves for a corporate internship and placement opportunity. MICians receive national and international internships opportunities from media and communication organisations. The college has an active placements cell that facilitates placements for both graduate and post-graduate programs.

## Student Clubs and Committees

### • YELL CLUB

The debate and discussions club of the college. The club also hosts the annual national level debate competition, Pro. Verb. The aim of the club is to provide a platform for students to engage in intellectually stimulating debates and discussions.

### • KALAMANCHA

The dramatics club. Members of the club, popularly known as Kalamancha ke Kalakaar regularly script, produce and perform plays in Hindi and English for theatre fans in Manipal and nearby places.

### • NEEM

This is the environment club of MIC. The aim of the club is to raise awareness about environmental issues.

### • PALETTE OF DESIGN (POD)

The art, craft, and graphic design club where students display their creativity through myriad art forms from painting to clay modeling and poster designing to collage making and more.

### • VOLUNTARY SERVICE ORGANISATION (VSO)

The VSO is responsible for initiating social change activities within in Manipal and beyond.

### • MANIPAL FILM STUDY CENTRE (MFSC)

MFSC is the official film appreciation club of the college.

### • FESTS

Article 19 – the country's oldest national-level media fest

Artifex – national level animation fest

Pro. Verb – national level British parliamentary style debate competition

M V Kamath Endowment Lecture – annual lecture series by exemplary media professionals

## BA Media and Communication (BAMC)

**Duration**  
3 years

**Eligibility Criteria & Admission Process**  
Refer **Section 2**

**Course Fees, Hostel Fees, Refund Rules**  
Refer **Section 3**

**Last date to apply:** 15.03.2022

**Commencement of Classes:** 15.07.2022



### Program Description

This is a three-year graduate degree program that familiarizes students with different media and gives hands-on experience of various media production techniques and multimedia content creation.



### Focus

Equip students with the necessary knowledge and skills required to become an expert media professional ready to take on the challenges of the industry through universal understanding of Media and Entertainment industry's functions and processes.



### Career Prospects

Journalists – news, lifestyle, sports correspondents for TV, Newspaper, Magazines and Digital Platforms, Advertising and PR executives, creative content producers in TV, radio, music, digital content hubs, copywriters, social media managers, graphic designers, film editors, assistants to film directors etc.

## BSc Animation

**Duration**  
3 years

**Eligibility Criteria & Admission Process**  
Refer **Section 2**

**Course Fees, Hostel Fees, Refund Rules**  
Refer **Section 3**

**Last date to apply:** 15.03.2022

**Commencement of Classes:** 15.07.2022



### Program Description

This is a three-year graduate degree program that enables students to become competent creative animators with comprehensive knowledge of all aspects of animation production.



### Focus

Equipping students with industry-ready skills through foundational and advanced elements of animation including drawing and sketching, storyboarding, scripting, pre-production, 2D animation, 3D animation, Lighting, rendering, rigging, compositing, color correction and more.



### Career Prospects

Animation, gaming, VFX, and creative design fields, movie production, VFX, advertising, gaming, publishing, e-learning, digital marketing, broadcasting, product design, architecture, archeology, medical sciences, and defense organizations among others.

## B.VOC in Graphics and Digital Media

**Duration:**  
3 years

**Eligibility Criteria & Admission Process**  
Refer **Section 2**

**Course Fees, Hostel Fees, Refund Rules**  
Refer **Section 3**

**Last date to apply:** 15.03.2022

**Commencement of Classes:** 15.07.2022

### Program Description

This is a three-year graduate degree program with multiple exit and entry options. It enables students to become competent content creators with comprehensive knowledge of digital media.

### Focus

B. Voc in Graphics and Digital Media is a three-years undergraduate course that is heavily skill-based program powered by the Media and Entertainment Skills Council of India which has been promoted by Federation of Indian Chamber of Commerce and Industry (FICCI) with the support from National Skill Development Corporation (NSDC). The course covers areas ranging from brand communications to digital marketing and branding. Some of the multi-dimensional aspects of the course fundamentals of effective communications, design communications including sketching, graphic design, typography and type design, photography, illustration, user interface/ user experience design, packaging design, corporate identity design, copywriting and brand storytelling, branding and brand marketing and more.

### Career Prospects

Successful candidates of the B. Voc course could look for jobs in social media/ digital marketing agencies, Public Relations/ advertising agencies, animation studios and e-learning production houses, marketing and communication departments of MNCs, visual design firms, product design organisations, website/ app development companies, media and entertainment companies among other. Additionally, one could also start freelancing or set up one's own business.



## MA Media and Communication

**Duration**  
2 Years

**Eligibility Criteria & Admission Process**  
Refer **Section 2**

**Course Fees, Hostel Fees, Refund Rules**  
Refer **Section 3**

**Last date to apply:** 15.03.2022

**Commencement of Classes:** 15.07.2022

### Program Description

The two-year postgraduate degree program exposes students to theoretical, aesthetic, critical and technological processes involved in various stages of media production.

### Focus

An intensive program equips students with theoretical, aesthetic, critical and technological knowledge of every stage of media production. Students have the option of availing the 1+1 program in collaboration with Deakin University, Australia (one year at MIC, Manipal and the other year at Deakin University, Australia).

### Career Prospects

Corporate communication executives, creative producers in TV and radio, music managers, program executives, advertising account executives, client-servicing executives, brand associates, copywriters, journalists, business correspondents, news correspondents, graphic designers, independent film makers, script-writers among others.



## MA Film Arts (MAFA)

**Duration**  
2 Years

**Eligibility Criteria & Admission Process**  
Refer **Section 2**

**Course Fees, Hostel Fees, Refund Rules**  
Refer **Section 3**

**Last date to apply:** 15.03.2022  
**Commencement of Classes:** 15.07.2022

### Program Description

MA in Film Arts (MAFA) program is a dual-degree master's program in Film Making. This program is jointly offered by Manipal Institute of Communication, MAHE and EICAR – the International Film and Television School, Paris (EICAR). The course is spread over two years wherein enrolled students will spend the first year at MIC and continue the second year at EICAR. On completion of the program, successful students will be awarded the degree of Master of Arts in Film Art by Manipal Academy of Higher Education and Master of Fine Arts in Filmmaking accredited by the European Accreditation Board of Higher Education Schools (EABHES).

### Focus

The program will train students in the complete process of film making including screen writing, cinematography, directing, editing as well as help them develop an understanding of the social, cultural, economic perspectives of the medium.

### Career Prospects

Assistant director, scriptwriters, cinematographer, videographer, editor and more in film production houses, work with independent film and documentary makers, digital content production houses, advertising agencies, start their own film making ventures or find specialized employment as film critic, film analyst, film educator and more.

## Post Graduate Diploma in Corporate Communications (PGDCC)

**Duration**  
1 year (2 semesters)

**Eligibility Criteria & Admission Process**  
Refer **Section 2**

**Course Fees, Hostel Fees, Refund Rules**  
Refer **Section 3**

**Last date to apply:** 15.03.2022  
**Commencement of Classes:** 15.07.2022

### Program Description

The Post Graduate Diploma in Corporate Communications (PGDCC) is one-year specialized, intensive program that enables students to become competent corporate communication practitioners

### Focus

Empowering students with the right tools and understanding of professional communication practices in the corporate world.

### Career Prospects

Corporate Communication departments of MNCs or be part of specialist teams handling Media Relations, Investor Relations, Public Relations, Customer Engagement, Public Affairs among others or even branch out to become expert Brand Communicators, Image Consultants, Crisis and Issue Managers among others.

## Post Graduate Diploma in Sports Communication (PGDSC)

**Duration**  
1 year (2 semesters)

**Eligibility Criteria & Admission Process**  
Refer **Section 2**

**Course Fees, Hostel Fees, Refund Rules**  
Refer **Section 3**

**Last date to apply:** 15.03.2022  
**Commencement of Classes:** 15.07.2022

### Program Description

One-year intensive course that trains students in a high-demand, niche field of sports communication.

### Focus

Train students in every key aspects of sports communication from sports reporting to sports AV content production to sports event management and sports promotions and marketing.

### Career Prospects

Media Relation Specialists in sports clubs, Spokespersons for national and international sporting teams, Communication Mangers, Media and PR Managers, Event Coordinators.





## PG Diploma in Health Communication

### Duration

1 year (2 semesters)

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

**Last date to apply:** 15.03.2022

**Commencement of Classes:** 02.08.2022



### Program Description

Public health experts say that health communicators are crucial in strengthening disease prevention and control programs. However, good healthcare programs cannot be successful without effective communication of such programs.

Manipal Institute of Communication's one-year PG Diploma in Health Communication will train students to become effective health communicators. Health communicators use different forms of media to develop communication strategies that inform, educate, and persuade people towards a healthy lifestyle, positively modify personal and community health behaviours, and promote people's general wellbeing.



### Focus

This program will familiarize students with different health behaviours, attitudes, and practices. The program will train students to plan, select, and implement the correct health communication strategies for different audiences and purposes.



### Career Prospects

As both public and private organizations around the globe strive to improve healthcare delivery, expert communicators skilled at crafting a structured approach to healthcare communications are sought after in private healthcare organizations, public health institutions, business houses offering pharma, health, and wellness products and services, marketing and communications agencies, and media houses.

MIC's PG Diploma in Health Communications will offer employment opportunities in health marketing and promotions, health journalism, public health policy, public relations, brand marketing, health communications at international health like WH, Oxfam, UNICEF, among others, and community relations at private, government, and social organizations.

## Certificate Course in Animation Technology

### Duration

6 months, part-time.

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

**Last date to apply:** 30.06.2022

**Commencement of Classes:** 15.07.2022



### Program Description

An immersive, highly practical course that offers students a basic introduction to 3D animation.



### Focus

The course consists of practical, learning-by-doing assignments that culminate in student portfolio.



### Career Prospects

Animation artists in the following industry: gaming, movie production, education, science and technology, medicine, education, defense among others.



# MANIPAL CENTRE FOR HUMANITIES [MCH]

The Manipal Centre for Humanities (MCH), a Centre for Excellence at Manipal Academy of Higher Education, was founded in 2010 as a premier institution for teaching and research in the humanities and social sciences. One of the most exciting academic experiments in higher education in India, MCH fosters a culture of innovative and reflexive pedagogy, intellectual freedom, student initiatives, and new directions in scholarship.



The Centre offers undergraduate, graduate and doctoral degrees in the humanities in line with best international research and pedagogy practices. It also conducts workshops, internships, national and international conferences, summer schools, writing courses, cultural events, and guest lectures by renowned scholars and artists. Additionally, the presence of a dynamic full-time PhD program at MCH exposes students to a high-quality research environment.

MCH students come from many of India's premier schools and undergraduate colleges. They are trained to be proactive participants in whichever profession they choose to pursue. Many MCH alumni have gone on to have successful careers in media, publishing, education, NGOs, arts management, and doctoral programs in prestigious international universities.

### Collaboration and Outreach

MCH has collaborated with several national and international institutions over the past decade. These include -

#### International

- University of Chicago (2016 - )
- Università di Napoli L'Orientale, Italy (2015 - 2017)
- National University of Singapore (2013 - 2015)
- Sutasoma Trust, UK (2012 - 2015)
- Dalhousie University, Canada (2013 - 2015)
- Princeton University (2012)
- University of Saskatchewan (2018)
- European Council of Research (2019)
- University of the District of Columbia, USA, (2020)

#### National

- Tata Institute of Social Sciences, Mumbai
- Indian Council of Social Science Research (ICSSR)
- TAPMI, Manipal (2010 - )
- Indian Council of Philosophical Research (ICPR)
- National Commission for Women

### MCH Advantages

**Highly Qualified Faculty:** Faculty at MCH have trained at some of the leading universities in India and abroad. Engaged in pioneering research, which contributes to their teaching, MCH faculty have published extensively, both nationally and internationally.

**Innovative Pedagogy:** Inspired by international liberal arts programs, all courses at MCH encourage original thinking, engaging with latest scholarship and developing writing & communication skills. In line with the UGC Guidelines, MCH also follows the outcome based education module in their syllabus.

**International Recognition:** MCH is regularly visited by nationally and internationally renowned scholars and artists.

**Placements:** MCH Alumni have gone on to have successful careers in media, publishing, education, NGOs, arts management, and doctoral programs in prestigious international and Ivy-league universities.

**Student Activities:** MCH has a diverse student population from some of the best colleges across the country. International students have come from countries such as USA, France, Iran, Peru, Australia, Czech Republic, Denmark, Italy, Syria and Thailand. The student community at MCH have formed several vibrant forums - Film Club, Literary Club, Sports Club, Theatre Club, Literary Journal.

**Academic Events:** MCH hosts several national and international workshops/conferences/seminars/symposiums. Students get an opportunity to listen to and interact with top scholars in their field.

**Campus:** MCH is a beautiful lake-view campus with technologically equipped classrooms, an open grassy central courtyard, a wood-paneled state-of-the-art Auditorium, an exclusive Art Gallery, a lakeside pavilion, and a very extensive Humanities Library.





### Faculty

All faculty at MCH are reputed scholars in their respective fields and hold PhD degrees from top-tier universities such as University of California-Berkeley (USA), University of Nebraska-Lincoln (USA), University of Nottingham (UK), English and Foreign Languages University, IIT Bombay, Jawaharlal Nehru University, Delhi University, Tata Institute of Social Sciences Mumbai and IIT Gandhinagar.

### Overview

- International reputation in Humanities scholarship
- Research focus training in critical thinking, academic writing, independent archival and empirical research projects
- Faculty actively engaged in latest scholarship and high student-teacher ratio
- Graduates accepted in doctoral programs of top universities in the world. Many also take up jobs in publishing industry, media, education, social sector and corporate sector
- Dynamic syllabi and pedagogy that seeks to cater to evolving global realities and higher education needs of young people engaged in the Humanities
- Opportunities to meet and interact with reputed scholars, researchers, artists, writers, professionals in the field
- Active student community and activities, including literary club, theatre club, film club, sports club

### USPs for BA/MA programs (Integrated), MCH

- Strong emphasis on research, writing and communication skills.
- Small class room with low student-faculty ratio.
- One-to-one mentoring during project and thesis writing.
- Holistic training in Humanities and social science with strong emphasis on interdisciplinarity and social and academic relevance.
- Academic events and the pedagogy cater to UN Sustainable Goals.
- Highly accomplished faculty, with doctorate degrees from highly reputed national and international universities.
- Alumnae are spread across the fields of publishing, media, thinktanks, national and international NGOs, and higher research in top national and international universities.
- Opportunities to harness extracurricular aptitudes through Literary, Theater, Film and Social Service clubs—these are coordinated by students.

### BA (Humanities)

Optional Major in English/ History/ Sociology

#### Duration

3 Years (6 Semesters)

**Eligibility Criteria & Admission Process**  
Refer **Section 2**

**Course Fees, Hostel Fees, Refund Rules**  
Refer **Section 3**

**Last date to apply:** 30.04.2022

**Commencement of Classes:** 01.08.2022

### Program Description

BA (Humanities) program at MCH has been designed as a curated program in the liberal arts tradition that fosters a well-rounded undergraduate education, with a strong foundation in disciplines such as Literature, History, Sociology, Philosophy, Film Studies and Gender Studies.

### Focus

MCH Alumni have gone on to have successful careers in media, publishing, education, NGOs, arts management, and doctoral programs in prestigious international and Ivy-league universities.

### Career Prospects

MCH Alumni have gone on to have successful careers in media, publishing, education, NGOs, arts management, and doctoral programs in prestigious international and Ivy-league universities.



## MA (English)

### Duration

2 Years (4 Semesters)

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

**Last date to apply:** 30.04.2022

**Commencement of Classes:** 01.08.2022



### Program Description

The English program at MCH is distinctive for its emphasis on developing nuanced and mature literary sensibilities by employing the most contemporary scholarship. The MA (English) program offers innovative and challenging courses on Indian Literature, Modern International Literature, as well as emerging areas such as Film Studies, Medical Humanities, and Gender Studies.



### Focus

The program prides itself on re-imagining scholastic and creative engagement with literatures – pre modern, modernist, contemporary, and in translation – in a wide spectrum that inspires students to discover and refine their particular interests.



### Career Prospects

MCH Alumni have gone on to have successful careers in media, publishing, education, NGOs, arts management, and doctoral programs in prestigious international and Ivy-league universities.

## MA (Sociology)

### Duration

2 Years (4 Semesters)

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

**Last date to apply:** 30.04.2022

**Commencement of Classes:** 01.08.2022



### Program Description

The Masters program in Sociology is aimed at initiating a dialogue on society and the social. The teaching of the Masters and the doctoral program combines an interdisciplinary perspective with comprehensive training in field research.



### Focus

Blending contemporary sociology with classical theory, we offer dynamic courses such as law and society, the collective social, the sociology of kinship, and research methods. Some areas of special expertise include Medical Sociology, Political Sociology, Singles Studies and Gender and Sexuality Studies.



### Career Prospects

MCH Alumni have gone on to have successful careers in media, publishing, education, NGOs, arts management, and doctoral programs in prestigious international and Ivy-league universities.

## MA (History)

### Duration

2 Years (4 Semesters)

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

**Last date to apply:** 30.04.2022

**Commencement of Classes:** 01.08.2022



### Program Description

The Master's program in History will train students to engage with regional, national and global histories through multiple frames and perspectives. It offers research based and innovative courses that deal with multidisciplinary approaches of social history, medical history, development studies, gender studies, caste studies, and contemporary history.



### Focus

The focus of the MA History program in the Manipal Centre for Humanities is to develop intellectual breadth and deepen the analytical skills of the students. The program would equip students with the necessary skills of critical analysis to comprehensively understand the subject.



### Career Prospects

MCH Alumni have gone on to have successful careers in media, publishing, education, NGOs, arts management, and doctoral programs in prestigious international and Ivy-league universities.



# MANIPAL CENTRE FOR EUROPEAN STUDIES

## [MCES] Jean Monnet Centre of Excellence

The Manipal Centre for European Studies (MCES) is a multidisciplinary platform that has enabled study programs and research projects unique to both India and Europe and their relations.



Funded by the Delegation of the European Union to India, the Centre was established in 2009 with the vision of fostering India-EU educational connect by enhancing knowledge sharing across disciplines and geographical boundaries. The award and recognition by the European Union as a Jean Monnet Centre of Excellence in India-EU Interdisciplinary Studies - Culture, Literature, Education and Society, marks a major milestone in the Centre's journey towards fulfilling its mission of being the preferred destination of students and faculty.

The unique design of programs at the Centre allows students from diverse academic backgrounds to integrate their interests within the topical field of European Studies. The vibrant learning environment, with its emphasis on creative pedagogy and internationality, provides students unique pathways to shape their careers and further learning. The Memoranda of Understanding (MoU) signed with several partner universities have continually facilitated student and staff mobility to Europe over the last years, contributing to academically and culturally enriching experiences.

## Study Program

### ▶ MA European Studies

MA European Studies is a sui-generis master's program tailored to provide a holistic view of Europe and European Union institutions from political, economic, cultural, social and linguistic perspectives. It aims to equip learners with a wide-range of critical skills to study the growing relevance of Europe and European Union institutions in the wider world. With an opportunity to learn European languages - French, German, or Spanish and the possibility of exchange semesters in European partner universities with scholarships and fee waivers, the program opens up several domains where these skills can be put to use.

### ▶ Program educational objectives

- To engage critically in debates and discussions on Europe multidisciplinary perspective and foster India-EU educational connect
- To conduct research in the interdisciplinary field of European Studies with a special focus on European politics, business, culture, literature, and education
- To pursue higher studies and prospective career in international institutions
- To employ intercultural competences and work collaboratively in a multicultural environment

### ▶ Highlights of the Program

- Possibility to study a part of the Program in Europe with scholarships or fee waivers
- Visiting faculty from European universities
- Special Lectures and Seminars by delegates of EU and other international organizations
- Hands-on intercultural training and acquisition of one of the three international languages: French/ German/Spanish
- Course structure, credits and academic calendars harmonized with European higher education standards

MA European Studies offers four specialisation tracks:

- Business and Management
- Culture and Literary Studies
- Education, Policy and Management
- Politics and International Relations





### ▶ Career Prospects

- EU Institutions and International organizations such as the UN
- Industries and NGOs originating or operating in Europe
- Embassies and ministries all over the world
- Cultural institutions
- Education and Research institutions
- Translation and interpretation industry
- Political parties, foundations and associations
- Media, journalism and publication fields

### ▶ Our Centres

Centre for Intercultural Studies and Dialogue organizes workshops, seminars, and international summer schools that contribute towards enhancing intercultural understanding both academically and through facilitating interaction and exchange of ideas with international students and faculty members.

Erasmus Information Office (EIO) is the result of MCES' decade long successful experience with many European Union funding programs. With the establishment of EIO, the Centre hopes to share best practices and encourages prospective students and staff to explore the different opportunity that could help in enhancing their skills and unleashing their academic potential.

Erasmus Manipal Network (EMN) consists of beneficiaries of Erasmus mundus scholarship, Erasmus+ credit mobility, and other EU funded scholarship program, from Manipal. The network includes students and faculty members from Manipal who have had the opportunity to be a recipient of Erasmus scholarships. The network aims to provide information as well as support to the aspiring beneficiaries of Erasmus program from Manipal.

## ▶ MA European Studies

### Duration

2 Years (4 Semesters)

**Eligibility Criteria & Admission Process**  
Refer **Section 2**

**Course Fees, Hostel Fees, Refund Rules**  
Refer **Section 3**

**Last date to apply:** 15.05.2022

**Commencement of Classes:** 29.08.2022

### Program Description

MA European Studies is a two-year graduate program tailored to offer a broad conceptual understanding of EU institutions and economic, political, and socio-cultural dimensions of Europe. It aims to equip learners with a wide range of critical skills to study the growing relevance of Europe and European Union institutions in the wider world.

### Focus

This program is designed to foster the understanding of various aspects of European studies, centred around four specialization tracks: Business and Management, education, policy and management, politics and international relations, culture and literary studies.

### Career Prospects

MA European Studies program prepares students to undertake career opportunities in the various institutions of European Union and other International organisations such as UN, cultural institutions, education and research institutions, and media organization.



# DEPARTMENT OF PHILOSOPHY [DoP]

The Department of Philosophy (DoP) is resolved to enhance the global environment with philosophical exchange rooted in classical and contemporary traditions; by nurturing the intellectual climate among aspirants and scholars interested in philosophy whilst embracing a trans-disciplinary perspective



## Overview

The Department of Philosophy is a constituent of the Faculty of Liberal Arts - Humanities and Social Sciences. It incorporates teaching and research activities in the areas of Humanities and Social Sciences through academic programs, projects, publications, and events. It is resolved to create an academic platform for philosophical practice in a diverse academic and professional environment. The Department of Philosophy complements to the Humanities discourses on scientific investigation of the aspects of human nature, existence and experience; and presents a systematic enquiry to understand the interaction between self and the world, while elaborating the knowledge-making process itself. At the Department, we engage with interdisciplinary approaches, which integrate historical elements in advancing intellectual discourses.

The Department has brought out several scholarly translations and publications and is conducting interdisciplinary research in the areas of philosophy, literature, digital humanities and computational linguistics. The Department is collaborating with the University of Toronto, Canada on a project on Indian dialectics and argumentation funded by Shastri Indo-Canadian Institute (SICI), New Delhi. It is also conducting a research on MAHE Mahabharata – computational analyses. With a team of young promising scholars, this project, funded by MAHE, has developed the first searchable Digital Concordance of Mahabharata's three critical editions. With the funding from European Union (EU), the Department is also organising a two-week summer school on Indian discourses on ethics and epistemology hosting traditional and international scholars. With a team of faculty members - who are the beneficiaries of globally prestigious Erasmus Plus teaching mobility and Raman Charpak research fellowships at European universities, the Department offers two postgraduate degree programs MA Indian philosophy and MA Sanskrit

studies apart from other courses in humanities.

## Department Objectives

- To initiate dialogues and develop intellectual resources through interdisciplinary studies and research
- To promote cross-cultural interactions through academic collaborations among scholars and institutions
- To foster holistic development and ethical attitude through philosophical practices

## Comparative and interdisciplinary approach

- Research oriented focus on epistemology, ontology, axiology and philology
- Acquisition and proficiency in Sanskrit language
- Integrating traditional and modern pedagogy
- Interactions with scholars of international repute
- International collaborations for study/research opportunities
- Year exit option with Postgraduate Diploma

## MA Indian Philosophy

### Duration

2 Years (4 Semesters)

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

**Last date to apply:** 30.04.2022

**Commencement of Classes:** 01.08.2022



### Program Description

The Philosophy program, offered at MAHE, involves careful reading, analysis and interpretation of philosophical discourses, and introduces philosophising as a skill set which students can incorporate in their approach (further studies/research) to other academic fields, as an acquired life skill, and as a professional competence necessary for diverse professional pursuits. This program offers an intensive course of study which allows students to engage and employ theoretical and practical facets of philosophy and liberal arts.

With a special focus on Indian Philosophy, the program promotes a dialogue between the subfields of Western and Non-western Philosophies and other disciplines. A combination of Sanskrit and English language-based teaching method equips the students with the knowledge and reflective tools necessary for autonomous engagements with complex textual and philosophical language, while bringing into question the nature and scope of these reflective capacities.





### Focus

Additionally, this Program aims to represent a reciprocal correspondence between classical and contemporary philosophy - drawing on history of philosophy for insights into contemporary debates and extending the present philosophical apparatus to understand the classics. The program has been designed to accommodate students from diverse academic backgrounds and offer ample exposure to variety of philosophical subjects such as epistemology, metaphysics, ethics, aesthetics, linguistics and comparative studies. With a structured curriculum which gradually proceeds from beginners to advance levels of study, it prepares the students to specialize in the subjects which best serve their intellectual growth.



### Career Prospects

- Teaching – ethics, logic, linguistics and Sanskrit
- Multidisciplinary research think-tanks
- Policy-making and consultancy
- Content editing, translations, media and publication
- Civil services and public sector
- Language Technology and Natural Language Processing



## MA Sanskrit Studies

### Duration

2 Years (4 Semesters)

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

**Last date to apply:** 30.04.2022

**Commencement of Classes:** 01.08.2022



### Program Description

The Master's Program in Sanskrit Studies offers text-based engagements with major forms of Indian intellectual thought in Sanskrit, such as literature, aesthetics, hermeneutics and advances a historical, cultural and linguistic study of Sanskrit language and literature.

The course presents a text-critical and exegetical analysis and examines the intertextual links between literary texts. While studying the historical development of Sanskrit literature, this course also explores the continuities and discontinuities between the Sanskritic traditions of classical India and prevailing modes of enquiry in the Sanskrit literary canon.



### Focus

The program is designed to equip learners with the interpretive and discursive techniques to engage with Sanskrit literatures within the framework of comparative studies. Drawing upon these literatures, it examines how Indian intellectual traditions have shaped societies, cultures, and civilizations. It is aimed at creating a brand of educators and researchers in Sanskrit language and literary studies competent in traditional and modern research methodology. On one hand, this would encourage newfound engagements with classical literatures; on the other, it aids the development of a refined pedagogy for the teaching of Sanskrit language and literature.



### Career Prospects

- Teaching Philology, Sanskrit, Literature
- Interdisciplinary research in Literary Studies, Translation Studies, Sanskrit Pedagogy, Sanskrit Computational Linguistics in national/international institutions
- Corporate sector - Translator, Content Writer/Editor, HR officer, Journalist, Entrepreneur and NGOs



## PG Diploma in Sanskrit Studies

### Duration

2 Years (4 Semesters)

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

**Last date to apply:** 30.04.2022

**Commencement of Classes:** 01.08.2022



### Program Description

The PG Diploma in Sanskrit Studies designed to equip learners with the interpretive and discursive techniques to engage with Sanskrit literature within the framework of comparative studies. Drawing upon this literature, it examines how Indian intellectual traditions have shaped societies, cultures, and civilizations. The program has been designed to accommodate students from diverse academic backgrounds and offer ample exposure to a variety of philosophical subjects such as epistemology, metaphysics, ethics and aesthetics.



### Focus

The one-year PG Diploma Program equips one with the required skillsets to continue further studies/research in areas related to Aesthetics, linguistics and literature, thereby enabling the learner to access seminal texts in Indian Literature. The Modules like Language & Linguistics, Literary Studies: Philology, ethics and Aesthetics proceeds by adopting a trans-disciplinary approach.



### Career Prospects

- Teaching - language, linguistics, literature and aesthetics
- Interdisciplinary research in philology and didactics
- Public services and government institutions
- Translations, content writing, and publications
- NGOs, art and cultural organisations
- Digital Humanities and Sanskrit Computational Linguistics

## PG Diploma in Indian Philosophy

### Duration

2 Years (4 Semesters)

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

**Last date to apply:** 30.04.2022

**Commencement of Classes:** 01.08.2022



### Program Description

The PG Diploma in Indian Philosophy postulates the adequate knowledge of the philosophical language and conceptual understanding presented in the dialectic traditions. The Program endeavours to examine the meaning and implication of contemporary philosophical problems along with their historical antecedents by building an interface between conceptual analysis and textual interpretation in commitment to philosophical rigour.



### Focus

The one-year PG Diploma Program equips one with the required skillsets to continue further studies/research in areas related to philosophy, linguistics and literature, thereby enabling the learner to access seminal texts in Indian philosophy. The Modules like Language & Linguistics, Epistemology: Logic & Ethics, Metaphysics: Ontology, Literary Studies: Philology proceeds by adopting a trans-disciplinary approach.



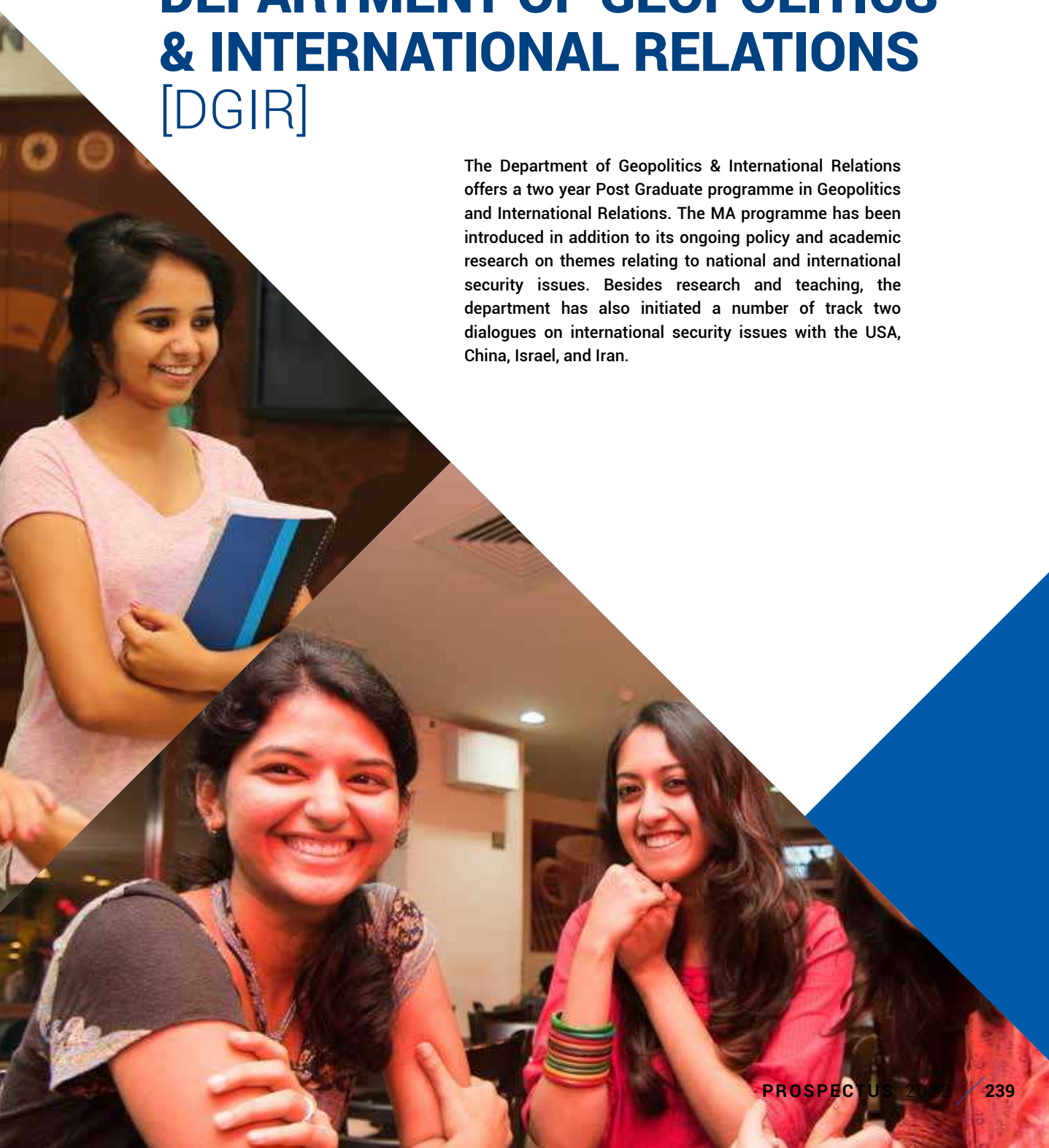
### Career Prospects

- Teaching Philosophy, Sanskrit and Ethics
- Interdisciplinary research in Metaphysics/Epistemology, Vedic Studies, Sanskrit Pedagogy in national/international institutions
- Corporate sector - Copy-Editor/ Content Editor, Think-tanks, Policy advisor on ethics, Entrepreneur and NGOs



# DEPARTMENT OF GEOPOLITICS & INTERNATIONAL RELATIONS [DGIR]

The Department of Geopolitics & International Relations offers a two year Post Graduate programme in Geopolitics and International Relations. The MA programme has been introduced in addition to its ongoing policy and academic research on themes relating to national and international security issues. Besides research and teaching, the department has also initiated a number of track two dialogues on international security issues with the USA, China, Israel, and Iran.





### Research Excellence (for last five years)

- Geopolitics of West Asia
- India's Foreign Policy
- Defence and Intelligence Studies
- Strategic Capabilities of China and Pakistan
- Role of Technology in India's National Security
- China's Strategic Rise and Its Implications
- Strategic Watch on Outer Space Matters
- Maritime Security
- Counter Terrorism and Asymmetric Conflicts
- India and the United States
- Environmental Security and Climate Change
- Indo-Pacific Security Architecture

### Advantages

- It helps students become a policy analyst on strategic matters impacting international security and India's national security.
- The course provides a holistic understanding of the international security issues from India's perspective.
- The students get a broad based exposure and highly enriching experience in the Strategic Studies domain.
- The students are trained in academic and policy paper writing on geopolitical and strategic issues.



### Collaborations & Partnerships

The Department has initiated collaboration with a number of major think tanks, corporate and risk firms, including MP-IDSA, NIAS, CAPS, CLAWS, NMF, Bellatrix, COVINTS, and MitKat among others, working on national security issues and international relations. The students of the Department are provided internship opportunities in these think tanks and a number of other prominent institutes for a broad based exposure.

### Student Exchange Programs

The Department of Geopolitics and International Relations has evolved partnership with a number of universities including University of Warsaw; Taras Shevchenko National University of Kyiv, Ukraine; Jagiellonian University, Krakow; and Aarhus University, Denmark among others.



## MA Geopolitics and International Relations

### Duration

2 Years (4 Semesters)

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

**Last date to apply:** 15.07.2022

**Commencement of Classes:** 11.08.2022



### Program Description

The Department of Geopolitics & International Relations offers a two year Post Graduate programme in Geopolitics and International Relations. The MA programme is one of a kind in India offering Geopolitics as a discipline of study. It has been designed keeping the contemporary geopolitical environment in mind. The two year programme also makes a modest attempt at evolving India's perspective on global security issues.



### Focus

The Department undertakes teaching and research primarily on Strategic Capabilities of China and Pakistan, Role of Technology in India's National Security, China's Strategic Rise and Its Implications, Strategic Watch on Outer Space Matters, Maritime Security, Counter Terrorism and Asymmetric Conflicts, India and the United States, Environmental Security and Climate Change, Technologies for Intelligence Information Gathering, Indo-Pacific Security Architecture, Theoretical Approaches to International Relations, Understanding Geopolitics, International and Regional Organisations and Strategy and Negotiations in International Treaties among other topics.



### Career Prospects

The students after completing M.A. programme in Geopolitics and International Relations have been offered jobs at MP-IDSA, CAPS, NIAS, NMF, Janes and those who wanted to pursue Higher Studies have joined Jawaharlal Nehu University, New Delhi; South Asian University, New Delhi; Central University of Gujrat; University of Mumbai and Jamia Millia Islamia, New Delhi among others.



# DEPARTMENT OF LIBRARY & INFORMATION SCIENCE [DLIS]

The Department of Library and Information Science was established on 1st August 2011. The department is situated at the Health Sciences Library of Manipal Academy of Higher Education, Manipal. Apart from the classroom learning, students are also given practical exposure. Manipal Academy of Higher Education libraries will be 'working laboratories' through which students are able to apply class room concepts through hands-on-training.



### Highlights

- Updated and employable curriculum
- Practice-led teaching and practice-supported learning
- Hands-on-training through online and offline resources
- Exposure to the advanced techniques in the field of librarianship
- Computing, internet and library software training facilities
- Library practicing in world-class MAHE Libraries
- All faculty members with Ph.D. qualification

### Vision

The department aspires to provide outstanding education in library and information science.

### Mission

To educate the students in the philosophy of librarianship, basic principles, fundamental laws and professional ethics.

- To train the students in the skills of information organization, processing and retrieval.
- To train the students in the management of Library and Information Centres.
- To provide the students thorough understanding of applications of information and communication technology in library and information centres.

### Research Excellence in Numbers

For the last 9 years

Journal Publication	33
Conference presentation:	65
Conference/Workshops/ Information Literacy Programs Conducted	95

## Master of Library and Information Science M.Lib.I.Sc.

### Duration

2 Years (4 Semesters)

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

**Last date to apply:** 16.07.2022

**Commencement of Classes:** 03.08.2022



### Program Description

The M.Lib.I.Sc. (Master of Library and Information Science) is a two years Master programme comprising four semesters and is committed to develop an efficient and flexible system with emphasis on quality teaching-learning process.



### Focus

Department has developed updated and employable curriculum. Emphasis has been given for practice-led teaching, practice-supported learning and hands-on-training through online and offline resources.

Students will be given exposure to the advanced techniques in the field of librarianship including Computing, internet and library software training facilities.



### Career Prospects

There are opportunities for Library and Information Science professionals to work in organizations of every kind. They work in School, College, University, Public & Special libraries. They are now becoming indispensable in Industry, Publishing Companies, IT, R&D, Media and everywhere the information is needed.



# MANIPAL INSTITUTE OF REGENERATIVE MEDICINE [MIRM], Bengaluru

MIRM is a pioneering stem cell research institute in India. The two flagships of this institute are teaching and research. The institute is dedicated to nurturing young minds to pursue a career in the field of biological research with greater emphasis on Stem Cell Biology and Regenerative Medicine.



MIRM boasts of being first in Asia to have a joint academic and research program in Stem Cell Technology and Regenerative Biology. Since its inception, the institute has generated high quality students with advanced theoretical and practical knowledge in the field of Stem Cell Technology and Regenerative Biology. Student alumni from MIRM have crossed borders and have made this institute proud by their performance across the country and abroad. In the research front, our institute has outpaced past performance and has made immense contribution to the scientific community. MIRM has firmly established itself in producing skilled personnels and enthusiastic researchers who could spear head novel clinically relevant programs focusing on applications of stem cells for regenerative therapy. The aim of the institute is to foster advancement in stem cell biology towards finding possible therapeutic solutions to several degenerative diseases through establishment of a strong research base and quality education in this newly emerging field. Along with this, research scholars pursuing their PhD degree have brought home many recognizable awards like young scientist award from prestigious “KV Rao scientific research unit” and recognitions from 4th International Conference on Recent Trends in Bioengineering and XXXV All India Cell Biology Conference. This clearly reflects the quality of research training that is undertaken in our institute. Scientific arena of this institute has significantly elevated MIRMs austerly in the scientific community across the world, which in turn has bestowed larger expectations on the research unit of MIRM for the coming years.

MIRM has produced 10 PhD graduates in last 5 years.

MIRM has attracted research funding from all Government agencies like DBT, DST, ICMR, DAE, SERB, DRDO and private Stem Cell companies like STEMADE, STEMPEUTICS, CRYO-SAVE and Dr. Reddy's Institute of Life Sciences.

MIRM has organized 32 hands on training workshops and seminars on Stem Cells with a recent inclusion

of flow cytometry workshops in collaboration with NIH, USA.

MIRM has also succeeded in recruiting DST Woman Scientists.

### ► Research Excellence

The Institute received a research grant of over 5 Crores INR in last 5 years. MIRM has been granted 2 patents in the field of stem cell research.

### Research Excellence in Numbers

For the last 5 years	
Research Papers	78
Conference Presentations	22
Workshops/Seminars	32
Ongoing Research Projects	13
Papers Published in International Journals	36

MIRM has developed a good infrastructure for advanced research in the field funded by Manipal Academy of Higher Education and research grants from national agencies, international collaborations and industry sponsored research. MIRM has revised the syllabus for post graduate students and the new course is project oriented that focuses on training students in the upcoming areas of stem cell research. The faculty members in MIRM have broad interdisciplinary expertise in Developmental Biology, Human Disease Modeling, Neurobiology, Cancer Biology, Immunology and Tissue Engineering. Post graduate students are mentored by the faculty members to either take up a challenging job in the healthcare sector or pursue further research interests within MIRM through Dr. TMA Pai Fellowship PhD Program or other institutes of national and international repute. Curriculum and grading system is recognized by most reputed universities across the globe.

### ► Collaborations

#### University Tie-ups

Berlin Brandenburg School for Regenerative Therapies, Berlin (Germany) (PhD), University of Leuven (Belgium), University of Newcastle (Australia), University of New South

Wales (Australia), King Abdul Aziz University (Saudi Arabia), Linkoping University (Sweden) and National University of Singapore (Singapore). Our National and International research collaborators include NIN (Hyderabad), MSU (Baroda) IISC, NCBS JNC, In Stem and BGS Global Institute of Medical Sciences (Bangalore), Madras Diabetes Research Foundation (Chennai), Curtin University (Australia), University of Western Australia (Australia), University of Putra (Malaysia), Roswell Park Comprehensive Cancer Center (USA) and Amnis Imagestream, Luminex Corporation (USA).

#### Industry and Government Tie-ups

Stempeutics Research Pvt. Ltd., Bangalore, ICMR, DST, DBT, DRDO, CSIR, NCBS and IISc. Recently MIRM has obtained a grant from Funding for Improvement of S&T Infrastructure in Universities and Higher Educational Institutions (FIST) Program Department of Science & Technology, Ministry of Science and Technology, Government of India under the facilities and infrastructure project in the year 2019-20.

### ► Placements

Students graduating from MIRM are being placed in leading academic and research institutions as well as topmost stem cell companies in India and abroad. Since the course offers a challenging research environment and a structured curriculum, it lays equal emphasis on both theoretical and practical training. Most of the students opt for and qualify for doctoral programs in premiere institutes both in India and abroad like IISc (Bangalore), NCBS (Bangalore), Stempeutics Research Pvt Ltd (Bangalore), National Institute of Immunology (New Delhi), Berlin Brandenburg School of Regenerative Therapies (Germany), Indiana Purdue University (USA), Stem Cell Institute (Leuven, Belgium) etc. Leading stem cell companies are looking for potential employees from MIRM, as the Institute is the only organization in India offering training in stem cells from post-graduate to post-doctoral levels.



## Masters of Science M.Sc. in Stem cell Technology and Regenerative Biology

### Duration

2 Years

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

**Last date to apply:** 15.05.2022

**Commencement of Classes:** 01.08.2022



### Program Description

The program is conducted over 4 semesters, Semester 1 & 2 comprise of theory and practical teaching of key fundamental concepts of biology with major focus on stem cell technology and regenerative biology.

In semesters 3 & 4 the students will be trained in advanced elective projects.

## Advanced Post Graduate Diploma in Stem Cell Biology & Regenerative Medicine

### Duration

1 Year

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

**Last date to apply:** 15.05.2022

**Commencement of Classes:** 01.08.2022



### Program Description

The advanced Post Graduate Diploma in Stem Cell Biology & Regenerative Medicine exposes students to theory and practicals in advanced biological concepts with major focus on Stem cell Biology and Regenerative medicine along with a 3 months mini project.

## MPhil Stem Cell Technology and Regenerative Biology

### Duration

1 Year

### Eligibility Criteria & Admission Process

Refer **Section 2**

### Course Fees, Hostel Fees, Refund Rules

Refer **Section 3**

**Last date to apply:** 15.05.2022

**Commencement of Classes:** 01.08.2022



### Program Description

The course spanning from about 12 to 15 months encompasses theory and practical classes with a dedicated project work throughout the duration of the course.



### Focus

To equip students with knowledge in advanced concepts and techniques related to the field. Give hands on research project execution, writing and organizing skills.



### Career Prospects

There are bright prospects for students from MIRM to get positions in National and International institutions to pursue PhD and/or teaching positions or employment in industry.



# MANIPAL ACADEMY OF HIGHER EDUCATION, DUBAI CAMPUS

Manipal Academy of Higher Education (MAHE), Dubai Campus is a 5-Star Rated University as per the Knowledge and Human Development Authority (KHDA), Dubai Higher Education Classification (HEC) Rating 2020. It secured the Highest Overall Rating Score of 836 with a perfect 5-star rating in seven out of eight categories stipulated for the assessment, which include Teaching, Programme Strength, Employability, Internationalization,

Research, Facilities, Arts & Culture, and Happiness & Well-being.

MAHE Dubai is the branch campus of MAHE, India - an Institution of Eminence – recognized by the Hon'ble Ministry of Education (MoE), Government of India. MAHE commenced its journey towards excellence in Dubai, UAE in the year 2000. It has since grown into a leading multi-disciplinary university in the Middle East, attracting students from across the globe. At present, MAHE Dubai enrolls over 2200 students from 40 countries. Soon completing two decades in the UAE, MAHE Dubai boasts of a robust network of over 6200 alumni.

MAHE, Dubai Campus is also a proud recipient of the Forbes Middle East Higher Education Award for 'Outstanding Support for Students', 2019 establishing its name among the best Universities in the Middle East region.



### ➤ Vision

Exemplary and renowned leadership in education.

### ➤ Mission

To be the leading university in the UAE dedicated to the pursuit of academic excellence by fostering, disseminating and applying knowledge and intellectual values to ensure an enriching future for the student community and preparing them for the ever-changing global economy.

### ➤ Academic Excellence across Disciplines

MAHE Dubai Campus is an embodiment of the academic excellence of MAHE India, which has evolved into a multi-campus, multi-disciplinary university over the years, spreading quality education worldwide. Set up with the objective of providing the same enriching educational experience for students from the UAE and neighboring countries, MAHE Dubai is proud to have grown into a renowned and leading multi-disciplinary university in the UAE.

### ➤ Multi-disciplinary Offerings

Following the footsteps of its multi-disciplinary home campus, MAHE Dubai offers students a variety of diverse disciplines to pursue their undergraduate and postgraduate studies, ranging from laboratory & workshop intensive courses to creative and new-age disciplines like:

- Business
- Design & Architecture
- Engineering & IT
- Humanities & Social Sciences
- Life Sciences
- Media & Communication

### MAHE Dubai Snapshot

**Excellence in Academia. Eminence in Education.**

06 Schools | 07 Disciplines | 50+ Programs | 2000+ Students

6000+ Alumni | 40+ Nationalities represented | AED 5 Million worth Scholarship

20+ Academic & Industry Partners | 25+ Professional Societies

5 Annual International Research Conferences | 100+ Recruiters in past one year

750,000 Sq. ft. Campus | 45+ Labs & Laboratories

### ➤ Decorated academicians

The university offers expert, hands-on, industry relevant programs taught by academicians with years of professional experience in their fields, thereby enhancing the learning process, both at the undergraduate as well as at the postgraduate level. MAHE Dubai's Faculty boasts of:

- Decades of industry experience
- Accolades across government and industry bodies, including the United Nations
- Active involvement in research and representation in global conferences
- Active involvement in social and environmental initiatives

### ➤ Successful Alumni

Over the years MAHE Dubai has Built a thriving alumni base of over 6000+ Alumni. While many of them have gone on to pursue further studies at leading and reputed universities across the world, others have joined the industries of their interest in UAE as well as abroad, and have paved their own way to make a positive impact at their work place and to the society at large.

### ➤ State-of-the-art Campus

MAHE Dubai's iconic purpose-built University campus is spread over 750,000 square feet in the Dubai International Academic City, including the student housing complex. The sprawling campus can accommodate over 4,000 students and the hostels can reside over 400 students.

### ➤ Smart Infrastructure

MAHE Dubai campus keeps upgrading its infrastructure to meet the requirements of the students and the industry alike. It thrives to give its student a simulated experience throughout their course so that they are industry-ready from the word go. The campus houses:

- fully equipped laboratories with cutting edge technology
- hi-tech labs developed in partnership with industry experts
- industry standard studios and workshops for hands-on learning
- smart classrooms enabled with touch-enabled audio-visual facilities

### ➤ Learning at your fingertips

To further the learning process and in keeping with the times of technological advancement, MAHE Dubai offers a digital learning portal to enable app-based learning at the convenience of the students. The Learning Management System (LMS) allows students to access all coursework in a single window. The LMS keeps getting periodically uploaded with relevant lessons and assignments, allowing the students to access their topics anytime anywhere.

### Connectivity within campus and beyond

To cater to the convenience of our tech-savvy students and in line with our future-ready campus, MAHE Dubai also offers a unique mobile-based app – CollPoll. The app keeps the students updated on campus news and events and:

- enables communication and collaboration
- gives platform for academic and peer discussions
- and fosters a well-knit community

### Facilities to further your learning

The WiFi-enabled campus of MAHE Dubai houses

- a digitally powered library with access to academic as well as non-academic books, ebooks and research repository
- a cafeteria serving throughout the day for all types of taste buds
- a state-of-the-art gym and fitness center
- a multi-purpose indoor sports hall and an outdoor sports facility
- a dedicated music room and a creatively curated dance room
- as well as a recreation center among other facilities

### Student Housing

MAHE Dubai offers its students on-campus residential facilities. As a secure and holistic environment, the facilities allow for convenience and proximity to the university that promotes learning, as well as a safe and stimulating environment that encourages students to socialize and pursue extracurricular activities and interests.

MAHE Dubai Hostels offer

- secure living environment with CCTV Surveillance
- diverse cuisines in its dedicated hostel cafeteria
- free gym access
- complimentary laundry services
- airport drop and pick up for residents
- weekly visits to Dubai's landmarks and malls
- 24/7 high-speed WiFi
- movie & gaming zone

### Student Life at MAHE Dubai

Students of MAHE Dubai hone the extra-curricular side of their personality with several student clubs and sports organizations that they could be a part of. These clubs and sports activities help them explore the soft skills and develop a confident personality to become a leader in life. We assure you, it will be these activities wherein you will find friends from all walks of life, for the rest of your life. Very proud to mention that not only do the MAHE Dubai teams participate in various cultural and sports activities across Dubai but have also placed themselves as the leaders in several tournaments conducted year-round - the MAHE Dubai teams walk away as winner hands down!

Students of the university volunteer at various philanthropic and community related events in Dubai. Students also get involved in various initiatives like seminars, workshops, competitive events and festivals, all leading to the holistic development of the individual. The university has developed deep industry collaborations with various organizations for internships and projects.

Manipal Academy of Higher Education Dubai has a dedicated Career Services department that aims at providing job placement as well as internship opportunities to all students and graduates.

The university has a vibrant Students Council and several active student clubs which promote extra-curricular pursuits including music, dance, literature, sports and philanthropic activities.





### Programmes Offered and Tuition Fee

Fees in AED

Sl.No	Program	Program Duration	Application Fee	Registration Fee	Tuition Fee per Year	
<b>Undergraduate Programs (Day)</b>						
1	B.Tech Engineering (Chemical, Civil, Computer Science, Data Science & Engineering, Electrical & Electronics, Mechanical, Mechatronics)	4	100	2900	46,000	
2	B.Com Professional	3	100	2900	35,000	
3	B.Com Professional (with ACCA)	3	100	2900	35,000 + 10,000 (ACCA Fee)	
4	B.A Humanities	3	100	2900	35,000	
5	B.Sc Applied Psychology	3	100	2,900	39,000	
6	BBA	3	100	2900	40,000	
7	B.Sc Information Systems & Management	3	100	2900	39,000	
8	B.Des Interior Design	4	100	2900	39,000	
9	B.Des Fashion Design	4	100	2,900	39,000	
10	B.Sc Design Management	3	100	2900	39,000	
11	B.Arch	5	100	2900	42,000	
12	BA Media & Communication	3	100	2900	45,000	
13	B.A Film Studies & TV production	3	100	2900	39,000	
14	B.Sc Animation	3	100	2900	39,000	
15	B.Sc Biotechnology	3	100	2900	46,000	
16	B.Sc Food and Nutrition Science	3	100	2900	46,000	
<b>Undergraduate Programs (Evening)</b>						
1	B.Tech Evening (For Diploma Holders) (Civil, Electrical & Electronics, Mechanical)	3	100	2900	39,000* (*Special fee 33000)	
2	BBA Evening	3	100	2900	34,000	
<b>Postgraduate Programs</b>						
1	MBA Global Business (Day)	Marketing, HR, Finance, Operations, Healthcare, Entrepreneurship & Innovation, Business Analytics	2	100	1500	46,000
2	MBA Weekend / Evening		2	100	1500	35,000
3	M.Tech Manufacturing Engineering		2	100	1500	33,000
4	M.Tech Construction Engineering & Management		2	100	1500	33,000
5	M.Tech Energy Systems & Management		2	100	1500	33,000
6	M.Tech Computer Science & Information Security		2	100	1500	33,000
7	M.Tech Engineering Management		2	100	1500	33,000
8	M.Sc Information Science		2	100	1500	33,000
9	M.Sc Applied Psychology		2	100	1,500	35,000
10	M.A Media & Communication		2	100	1500	35,000
11	M.A Fashion Management		2	100	1,500	35,000
12	M.Des Interior Design		2	100	1500	35,000
13	M.Des Sustainable Design		2	100	1500	35,000
14	M.Sc Medical Biotechnology		2	100	1500	39,000
15	M.Sc Molecular Biology & Human Genetics		2	100	1500	39,000
16	M.Sc Nutrition & Dietetics		2	100	1500	39,000
17	PGD Logistics & Supply Chain Management		1	100	1500	35,000
18	PGD Business Administration		1	100	1500	35,000
19	PGD Event Management		1	100	1500	35,000
20	PGD Data Sciences		1	100	1500	33,000
21	PGD Cyber Security					
<b>Foundation &amp; Certificate Programs</b>						
1	Foundation Program		1	100	1500	30,000
2	Certificate Program in Interior Design		1	100	1500	30,000
3	Certificate Program in Graphics & Multimedia		1	100	1500	30,000
4	English Enhancement Program		1	100	1500	30,000
<b>PhD</b>						
1	PhD in Biotechnology		3	100	1500	24,000
2	PhD in Management		3	100	1500	24,000
3	PhD in Engineering		3	100	1500	24,000

## Other Fees

### Graduation Fee -

AED 850 (inclusive of VAT)

### Alumni Fee -

AED 500 (one-time & optional)

### Transport Fee -

- Dubai: AED 1,875 per semester
- Sharjah, Ajman & Jabel Ali: AED 2,000 per semester

### Hostel Fee -

Type of Room	Fee per year (in AED)
Single Occupancy	35,500
Double Occupancy	28,500
Triple Occupancy	25,500

- Hostel Caution Deposit: AED 500\*.
- \* Deposit is refundable at the end of the program after deduction towards damages/ loss of items, if any, caused by student
- \* Fees doesn't include food cost

### Student Visa Charges

- AED 4,885 per year inclusive of VAT (including Health Insurance)
- Visa Caution Deposit: AED 3,000\*
- \* Visa Fee is decided by the UAE Government and is subject to change
- \* Deposit is refundable at the end of the program after deduction towards damages/loss of items, if any, caused by student

### Please note:

- Application Fees and Registration fees are non-refundable
- Caution Deposit of AED 500/- for all programs (except MBA) is payable along with registration fees. This is refundable at the end of the program after deduction towards damages/loss of items, if any, caused by student
- B. Com with ACCA – Scholarship/ Discounts will be applied on 35,000 and mentioned fees is exclusive of ACCA Exam fees
- All fees mentioned are exclusive of 5% VAT
- To know about our refund policy, please visit our website

## Details of Scholarships available at Manipal Academy of Higher Education, Dubai

Manipal Academy of Higher Education, Dubai, offers following scholarships recognizing the merit of deserving candidates.

- Merit Scholarships for students from CBSE / ISC, for entering into Undergraduate programs as a waiver of first year fees:

Marks	Scholarship
Above 95%	30%
90% - 95%	25%
80% - 89%	20%
70% - 79%	15%

- Merit Scholarships for students from A level schools, for entering Undergraduate programs as a waiver of first year fees:

Marks	Scholarship
2 A Stars	30%
1 A star & 1 A	25%
2 A	20%
1 A & 1 B	15%

The above merit scholarships are applied on tuition fees only and for continuation of the same scholarship in the following years:

- Student should have scored 7 CGPA in the previous year
- Students shouldn't have any backlogs in the previous year
- Student shouldn't have got punished for any indiscipline incident, as per University policy
- Student shouldn't fall under Academic/financial drop out, as per University policy
- The students who did not get any merit scholarships in the first year (based on the above merit scholarship policy), will be eligible for extended merit scholarship in the following years based on the following criteria:

Grade – in the previous year	Scholarship on following year tuition fees
CGPA 9 & above	15%
CGPA 8 – 8.99	10%

Extended scholarship is not applicable for PG Programs, since scholarship given during admission is on the full program tuition fees.

- Merit Scholarships for Students from O level schools, for entering foundation program as a waiver of first semester tuition fee:

Grade	Scholarship
2 A	20%
1 A & 1 B	15%

- Merit Scholarship for all MBA Evening/Weekend as waiver on full program fees:

Grade	Scholarship
UG with less than 3 years work experience and 70% marks & above in the previous qualification	15%
UG with more than 3 years work experience and 60% marks & above in the previous qualification	15%

- Merit Scholarship for all other PG programs as waiver on full program fees:

Grade	Scholarship
UG with less than 3 years work experience and 70% marks & above in the previous qualification	10%
UG with more than 3 years work experience and 60% marks & above in the previous qualification	10%

- Sports scholarship will be awarded @ 5% to 50% discount on first year tuition fees for those students who have represented National / State teams as per the Sports Scholarship policy (Sport scholarships will be decided based on the decision of the Sports committee after personal Interview and Document Evaluation).
- Alumni Scholarships for Master Programs: 10% waiver on full program fee (in addition to the merit scholarship) for students, who had completed their Undergraduate programs in MAHE Dubai

### Admission Requirements (Eligibility):

#### UG Programs

	Indian & Pakistani Curriculum	IB Diploma	A Level Board	AS Level	NIOS
<b>All UG Programs except BA Media and BSc ISM</b>	Pass with minimum 50% aggregate marks in Grade 12	Minimum 24 point with completed Diploma or Minimum 24 point in IB Certificate program with 3 in HL and 3 in SL	At least 2 subjects with minimum D Grade	At least 4 subjects with minimum D Grade	At least 5 subjects with minimum 50%
<b>Additional Eligibility for Engineering</b>	Mandatory Physics & Mathematics	Mandatory Physics & Mathematics at Higher Levels	Mandatory Physics & Mathematics		
<b>Additional Eligibility for Architecture</b>	Mandatory pass in Physics, Chemistry, Mathematics and English from a recognized Board, with minimum 50% aggregate marks in Physics, Chemistry and Mathematics and 50% marks in aggregate of the 10+2 level examination. OR, passed 10+3 diploma Examination with Mathematics as compulsory subject with at least 50% marks in aggregate. Valid NATA (National Aptitude Test in Architecture) score conducted by Council of Architecture (COA) or JEE Mains Paper II score is mandatory.				
<b>BA Media and BSc ISM</b>	Pass with minimum 45% aggregate marks	Minimum 24 point with completed Diploma or Minimum 24 point in IB Certificate program with 3 in HL and 3 in SL	At least 2 subjects with minimum D Grade	At least 4 subjects with minimum D Grade	At least 5 subjects with minimum 45%
<b>Foundation</b>	Pass in all subjects but with less than 45%	If less than 24 point	If less than E Grade	If less than 4 subjects	Pass in all subjects but with less than 45%

Note: For Foundation Program: Students from 'O Level' curriculum need to pass in a minimum of 5 subjects to apply.

## PG Programs

	MBA Programs
<b>MBA Global Business</b>	<ul style="list-style-type: none"> <li>• Bachelor's Degree in any discipline from a recognized University with aggregate marks of 50% or above.</li> <li>• Performance in the Personal Interview conducted by Manipal Academy of Higher Education, Dubai.</li> </ul>
<b>MBA Weekend/Evening</b>	<ul style="list-style-type: none"> <li>• Bachelor's Degree in any discipline from a recognized University.</li> </ul>
	Other PG Programs
<b>MTech, MSc, M.Des &amp; MA</b>	<ul style="list-style-type: none"> <li>• BE/BTech/AMEI or equivalent in the relevant branch with a minimum of 50% aggregate marks</li> <li>• Bachelor's degree in relevant disciplines from a recognized University. Bachelor's Degree in other disciplines may also be considered for admission, subject to approval from the University Academic Committee</li> </ul>
<b>PG Diploma Programs</b>	<ul style="list-style-type: none"> <li>• Bachelor's degree in relevant disciplines from a recognized University.</li> </ul>

## Notes:

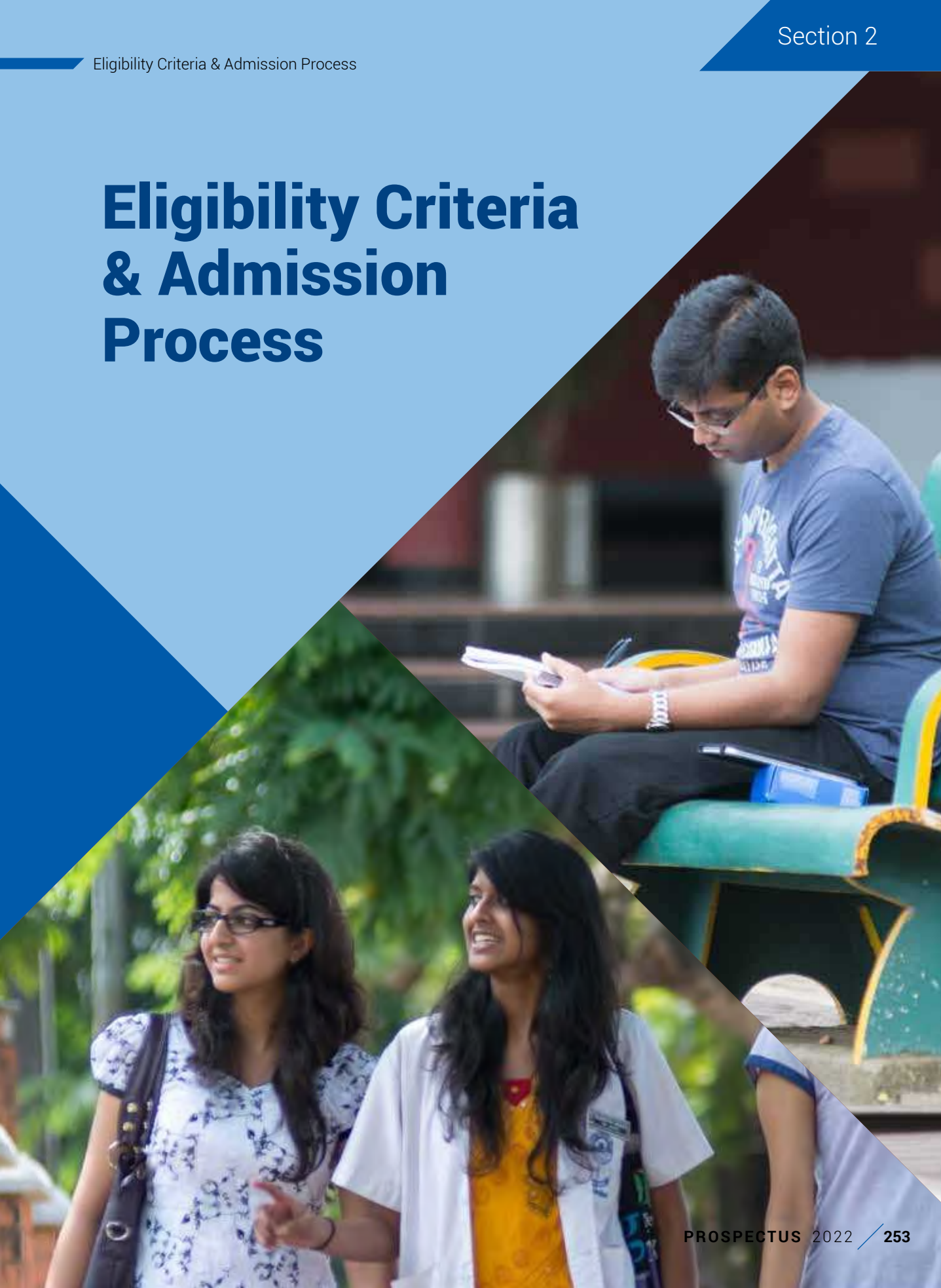
- MAHE Dubai may request an Equivalency Certificate to be produced by the candidate from Association of Indian Universities (AIU), India
- All BArch admissions are subject to approval by Council of Architecture, India. For BArch program, kindly refer to NATA website ([www.nata.in](http://www.nata.in)) for details regarding the NATA Entrance Test and Test dates for the current academic year. All admissions and admission process are as per Council of Architecture, India.
- Edexcel Board students follow the same Eligibility criteria as A Level/AS Level students
- Choueifat Board students follow the same Eligibility criteria as Indian Curriculum students
- Proficiency in English is a must for all programs at Manipal Academy of Higher Education, Dubai
- The eligibility criteria for Certificate Programs applies only to students interested in pursuing further studies (UG)

For admission details please contact:

Admissions, Manipal Academy of Higher Education, Dubai,  
 G 04, Dubai International Academic City, PO Box: 345050, Dubai, UAE  
 Phone: +971 4 4290 888 (UAE) E-mail: [admissions@manipaldubai.com](mailto:admissions@manipaldubai.com)  
[www.manipaldubai.com](http://www.manipaldubai.com)



# Eligibility Criteria & Admission Process



## Qualification and Admission Process for General / Foreign / NRI Admissions

Manipal Academy of Higher Education (MAHE) admits candidates from India & abroad with the qualifications obtained from Indian/ Foreign Board / University, to its Under Graduate (UG), Post Graduate (PG) and Super Specialty (SS) programs in Health Sciences, Technology, Management, Humanities, Liberal Arts and Social Sciences, in addition to meeting the various eligibility requirements as stipulated by the regulatory bodies.

### 1 Introduction

MAHE admits candidates under General or Foreign / NRI category, on fulfilling the eligibility requirements

All admissions are on the basis of merit. Foreign / NRI category seats are only available for foreign nationals / candidates with NRI status or those sponsored by relatives with NRI status. Foreign / NRI category seats are NOT equivalent to payment / management / reserved seats.

#### 1.1 General Category

MAHE admits Indian Nationals / Overseas Citizen of India (OCI) / Person of Indian Origin (PIO) under the general category, subject to eligibility and equivalency

All admissions to UG & PG programs (other than those listed in the note below) under General Category, will be on a merit basis as specified in the Eligibility Criteria & Admission Process of the respective programs.

#### 1.2 Foreign / NRI Category

15 % intake of every program is allocated for Foreign/ NRI category. This includes Foreign citizens, Person of Indian Origin (PIO) Card Holders, Overseas Citizen of India (OCI), Non-Resident Indian (NRI) and NRI sponsored candidates (sponsored by NRI parents OR brother / sister of parents\* OR brother / sister of the candidate\* OR grandparents of the candidate\* OR spouse of the candidate\*). The sponsorer must be a foreign national or hold NRI status.

All admissions to UG & PG programs (other than those listed in the note below) under Foreign / NRI category, will be on a first-cum-first-serve merit basis, subject to the candidate's performance in the 10+2 (for UG programs) / Bachelor Degree (for PG programs) of India or equivalent examination in addition to meeting the various eligibility requirements of respective programs as stipulated by the regulatory bodies. There will be NO entrance examinations. Candidates who have confirmed their admission under the Foreign / NRI / NRI Sponsored category, by paying the full first year program fee CANNOT take an admission under the General category.

### 2. Qualifications

Candidates seeking admissions to Under Graduate (UG)/ Post Graduate (PG) / Super Specialty (SS) should have obtained their qualifications from a recognized Board / University. For PG programs, the candidates MUST have a Bachelor's degree of minimum 3 years' duration from a recognized University as per program requirement. Candidates with Foreign qualifications

must submit equivalency certificate from the Association of Indian Universities (AIU), New Delhi, as per program requirements. Refer [www.aiu.ac.in](http://www.aiu.ac.in) for more details.

#### 2.1 Under Graduate (UG) Admission

MAHE considers candidates with the following Boards / qualifications

- 10+2 of India obtained from recognized Central (CBSE /ISC) or State Boards
- GCE 'A' Levels
- International Baccalaureate (IB)
- Others like 12 Year High School Diploma from accredited Schools of USA; with relevant subjects between Grade 11 & 12; 12 years General Secondary Education Certificate of the Ministry of Education Bahrain, Egypt, Jordan, Kuwait, Oman, Saudi Arabia, United Arab Emirates and other Gulf countries; Intermediate / Senior Secondary / Higher Secondary examinations of the approved Boards in Bangladesh, Bhutan and Nepal etc.

##### 2.1.1 Indian Boards

The certificate issuing board must be established / recognized by

- An Act of Central / State Government
- A Gazette notification of Central / State Government
- Executive orders issued by Central / State Government

##### 2.1.2 International Boards

- The eligibility is based on the qualifications recognized by the Association of Indian Universities (AIU), New Delhi.

Refer [www.aiu.ac.in](http://www.aiu.ac.in) for full list of foreign qualifications, as equivalent to the Pre-University or 12th Grade qualification of India, for the purposes of admission in Indian Universities

##### 2.1.2.1 University of Cambridge GCE 'A' Levels / Edexcel GCE 'A' Levels / British Examining Bodies

- International General Certificate of Secondary Education (IGCSE) or General Certificate of Secondary Education (GCSE) or GCE 'O' Levels (11 years of schooling): Equated to 10th grade of an Indian Board
- Advanced Subsidiary (AS) Level (12 years of schooling): Equated to 11th grade of an Indian Board
- GCE 'A' Levels (13 years of schooling): Equated to 12th grade of an Indian Board Candidate seeking admission to the Undergraduate (UG) programs offered by MAHE should have completed

- Minimum 5 (Five) passes at IGCSE/GCSE/GCE 'O'Levels including English
- Minimum 2/3 (Two/Three) passes at GCE Advanced Level ('A' Levels), depending on the program requirement
- Average of 'D' grade in 2/3 subjects at GCE Advanced Level ('A' Levels), depending on the program requirement
- Should meet subject-wise eligibility as laid down by the respective statutory bodies/council/university

#### 2.1.2.2 International Baccalaureate (IB) Diploma

- IB Diploma candidate should take 3 subjects at HL and 3 subjects at SL
- Candidate should have secured a minimum of 3 points in a subject
- Candidate should have secured an overall minimum of 24 points
- Should meet the subject-wise eligibility as laid down by the respective statutory bodies / council / university

#### 2.1.2.3 International Baccalaureate (IB) Certificate

- Candidate should have taken minimum 3 subjects in HL and 3 subjects in SL
- Candidate should have secured a minimum of 3 points in a subject
- Candidate should have secured an overall minimum of 24 points
- Should meet the subject-wise eligibility as laid down by the respective statutory bodies/council/university

#### 2.2 Post Graduate (PG) Admission

Candidate shall be eligible for admission to a Master's degree program on successfully completing the prescribed Under Graduate (UG) program of minimum three years' duration from a recognized University and is eligible for the award of degree.

#### Note

- All General / Foreign / NRI admissions to UG (MBBS / BDS) and PG (MD / MS / MDS / PG Diploma) programs will be based on the rank obtained in National Eligibility Cum Entrance Test (NEET) and online counseling & seat allotment by Directorate General of Health Services (DGHS) / Medical Counseling Committee (MCC). For more details, refer <https://www.nta.ac.in/medicaalexam>
- All General / Foreign / NRI Candidates seeking admission to Bachelor of Architecture (BArch) MUST qualify through a recognized aptitude test in Architecture i.e. NATA (National Aptitude Test in Architecture) conducted by Council of Architecture (COA). \* There are NO NRI sponsored seats (sponsored by NRI relatives as mentioned above).
- All General / Foreign / NRI admissions to M.Sc. Clinical Psychology, M.Phil. Clinical Psychology, M.Sc. Clinical Embryology and M.Sc. Genetic Counseling, is through the Manipal Entrance Test (MET)/ Department Test (DT) (as applicable) conducted by MAHE.
- Eligibility and Admission Process is subject to change, as per the guidelines received from the concerned statutory body / MHRD / MCI / DCI / PCI / AICTE or any of the courts.
- All admissions are subject to fulfillment of all eligibility conditions by the candidate. If it is found at a later stage, during active verification, that the candidate has given false information/certificate(s) / eligibility documents from non-recognized Board / University or is found to have concealed some information, his/her admission will be cancelled without any notice and the fee paid by the candidate shall be forfeited. It is the responsibility of the candidate to ensure that they fulfill all the eligibility requirements for the program applied.

## 2022: Eligibility Criteria &amp; Admission Process

## UNDER GRADUATE (UG) PROGRAMS (General / Foreign / NRI category)

Program Name	Qualification	Admission Process (General Category)	Admission Process (Foreign / NRI Category)
<b>Kasturba Medical College (KMC), Manipal</b> <b>Kasturba Medical College (KMC), Mangalore</b> <b>Manipal TATA Medical College (MTMC), Jamshedpur</b>			
1.01, 2.01, 3.01 - Bachelor of Medicine & Bachelor of Surgery (MBBS)	Indian Boards	<ul style="list-style-type: none"> <li>Pass in 10+2 or equivalent with Physics, Chemistry, Biology / Biotechnology and English individually from a recognized Board, with a minimum 50 % marks taken together in Physics, Chemistry and Biology / Biotechnology</li> </ul> <i>Candidates are advised to check NEET 2022 Brochure for the final eligibility criteria</i>	<ul style="list-style-type: none"> <li>Register, Appear and Qualify in NEET UG 2022</li> <li>Online Registration &amp; Choice Filling by - candidates on MCC / KEA / JCECEB portal</li> <li>Online counseling &amp; Seat allotment by MCC / KEA / JCECEB</li> <li>Reporting to the Institute as per the reporting instructions uploaded on <a href="http://www.manipal.edu/neet">www.manipal.edu/neet</a></li> <li>Admission Formalities</li> </ul>
	A level	<ul style="list-style-type: none"> <li>Physics, Chemistry and Biology in the 'A' LeZvels and English in the 'AS' Level</li> <li>Minimum requirement is a 'D' grade individually in Physics, Chemistry and Biology / Biotechnology</li> </ul> <i>Candidates are advised to check the minimum grade requirements for registration in their respective countries</i>	
	IB	<ul style="list-style-type: none"> <li>Physics, Chemistry, Biology and English</li> <li>IB Diploma or IB Certificate with minimum 4 points in each subject and overall minimum of 24 points</li> <li>Minimum 3 subjects in HL and 3 subjects in SL</li> <li>Minimum two Science subjects in HL</li> <li>Third Science subject and English can be at HL or SL</li> </ul>	
<b>Note:</b> <ul style="list-style-type: none"> <li>Deemed University Counseling by Medical Counseling Committee (MCC): KMC Manipal, KMC Mangalore &amp; MTMC Jamshedpur</li> <li>State Counseling by Karnataka Examination Authority (KEA): KMC Mangalore</li> <li>State Counseling by Jharkhand Combined Entrance Competitive Examination Board (JCECEB): MTMC Jamshedpur</li> </ul> Visit <a href="http://www.manipal.edu/neet">www.manipal.edu/neet</a> for reporting instructions, after Seat allotment			
<b>Manipal College of Dental Sciences (MCODS), Manipal</b> <b>Manipal College of Dental Sciences (MCODS), Mangalore Campus</b>			
5.01, 6.01 - Bachelor of Dental Surgery (BDS)	Indian Boards	<ul style="list-style-type: none"> <li>Pass in 10+2 or equivalent with Physics, Chemistry, Biology / Biotechnology and English individually from a recognized Board, with a minimum 50 % marks taken together in Physics, Chemistry and Biology / Biotechnology.</li> </ul> <i>Candidates are advised to check NEET 2022 Brochure for the final eligibility criteria</i>	<ul style="list-style-type: none"> <li>Register, Appear and Qualify in NEET UG 2022</li> <li>Online Registration &amp; Choice Filling by candidates on MCC portal</li> <li>Online counseling &amp; Seat allotment by DGHS / MCC</li> <li>Reporting to the Institute as per the reporting instructions uploaded on <a href="http://www.manipal.edu/neet">www.manipal.edu/neet</a></li> <li>Admission Formalities</li> </ul>
	A level	<ul style="list-style-type: none"> <li>Physics, Chemistry and Biology in the 'A' Levels and English in the 'AS' Level</li> <li>Minimum requirement is a 'D' grade individually in Physics, Chemistry and Biology / Biotechnology</li> </ul> <i>Candidates are advised to check the minimum grade requirements for registration in their respective countries</i>	
	IB	<ul style="list-style-type: none"> <li>Physics, Chemistry, Biology and English</li> <li>IB Diploma or IB Certificate with minimum 4 points in each subject and overall minimum of 24 points</li> <li>Minimum 3 subjects in HL and 3 subjects in SL</li> <li>Minimum TWO Science subjects in HL</li> <li>Third Science subject and English can be at HL or SL</li> </ul>	
<b>Note:</b> <ul style="list-style-type: none"> <li>Deemed University Counseling by Medical Counseling Committee (MCC): MCODES Manipal, MCODES Mangalore</li> </ul> Visit <a href="http://www.manipal.edu/neet">www.manipal.edu/neet</a> for reporting instructions, after Seat allotment			



## 2022: Eligibility Criteria &amp; Admission Process

## UNDER GRADUATE (UG) PROGRAMS (General / Foreign / NRI category)

Program Name	Qualification	Admission Process (General Category)	Admission Process (Foreign / NRI Category)
<b>Manipal College of Pharmaceutical Sciences (MCOPS), Manipal</b>			
7.02 - Bachelor of Pharmacy (B.Pharm)	Indian Boards	<ul style="list-style-type: none"> <li>Pass in 10+2 or equivalent with Physics, Chemistry, English with Biology / Mathematics as optional subjects from a recognized Board</li> </ul>	<ul style="list-style-type: none"> <li>Apply Online</li> <li>Manipal Entrance Test (MET)**</li> <li>Merit List based on MET score</li> <li>Physical / Online Counseling</li> <li>Admission Formalities</li> </ul> <p>** - Center Based / Remote proctored Online Entrance Test based on the situation</p>
	A level	<ul style="list-style-type: none"> <li>Physics, Chemistry and Biology / Mathematics in the 'A' Levels and English in the 'AS' Level / IGCSE / GCSE</li> <li>Minimum requirement is an average of 'D' grade in PCB / PCM</li> </ul> <p><i>Candidates are advised to check the minimum grade requirements for registration in their respective countries</i></p>	
	IB <sup>s</sup>	<ul style="list-style-type: none"> <li>English, Physics, Chemistry and Biology / Mathematics</li> <li>IB Diploma or IB Certificate with Average of 4 points in PCB or PCM with an overall minimum of 24 points</li> <li>Minimum 3 subjects in HL and 3 subjects in SL</li> <li>Minimum TWO Science subjects in HL</li> <li>Third Science subject and English can be at HL or SL</li> </ul>	
Note: The minimum age for admission shall be 17 years on or before 31st December of the year in which admission is sought.			
Lateral Entry 7.02 - Bachelor of Pharmacy (B.Pharm)	Indian Boards	Pass in Diploma (Pharmacy) from an institution recognized by the Pharmacy Council of India (PCI)	<ul style="list-style-type: none"> <li>Apply Online</li> <li>Merit List based on qualifying exam marks</li> <li>Provisional Admission notice to shortlisted candidates</li> <li>Admission Formalities</li> </ul> <p>Not Applicable</p>
7.03 - Doctor of Pharmacy (PharmD)	Indian Boards	<ul style="list-style-type: none"> <li>Pass in 10+2 examination with Physics, Chemistry and English with Mathematics / Biology as optional subjects from a recognized Board / University</li> </ul> <p>OR</p> <p>DPharm or any other equivalent qualification recognized by the Pharmacy Council of India (PCI)</p>	<ul style="list-style-type: none"> <li>Apply Online</li> <li>Manipal Entrance Test (MET)**</li> <li>Merit List based on MET score</li> <li>Physical / Online Counseling</li> <li>Admission Formalities</li> </ul> <p>** - Center Based / Remote proctored Online Entrance Test based on the situation</p>
	A level	<ul style="list-style-type: none"> <li>Physics, Chemistry and Biology / Mathematics in the 'A' Levels and English in the 'AS' Level / IGCSE / GCSE</li> <li>Minimum requirement is an average of 'D' grade in PCB / PCM</li> </ul> <p><i>Candidates are advised to check the minimum grade requirements for registration in their respective countries</i></p>	
	IB <sup>s</sup>	<ul style="list-style-type: none"> <li>English, Physics, Chemistry and Biology / Mathematics</li> <li>IB Diploma or IB Certificate with Average of 4 points in PCB or PCM with an overall minimum of 24 points</li> <li>Minimum 3 subjects in HL and 3 subjects in SL</li> <li>Minimum TWO Science subjects in HL</li> <li>Third Science subject and English can be at HL or SL</li> </ul>	
Note: The minimum age for admission shall be 17 years on or before 31st December of the year in which admission is sought.			

## 2022: Eligibility Criteria &amp; Admission Process

## UNDER GRADUATE (UG) PROGRAMS (General / Foreign / NRI category)

Program Name	Qualification	Admission Process (General Category)	Admission Process (Foreign / NRI Category)	
<b>Manipal College of Health Professions (MCHP), Manipal</b> <b>Kasturba Medical College (KMC), Mangalore</b> <b>Manipal TATA Medical College (MTMC), Jamshedpur</b>				
2.22, 8.01 - Bachelor in Audiology & Speech Language Pathology – (BASLP)	Indian Boards	<ul style="list-style-type: none"> <li>Pass in 10+2 or equivalent with Physics, Chemistry and English with Biology / Mathematics / Computer Science / Statistics / Electronics / Psychology from a recognized Board, with minimum 50 % aggregate marks or equivalent in PCB / PCM / PCO*</li> <li>* O – Computer Science / Statistics / Electronics / Psychology.</li> <li>* PCO percentage should be <math>\geq 80\%</math></li> </ul> <p>Applicants shall NOT be older than 25 years on the 1st July of the year of admission</p>	<ul style="list-style-type: none"> <li>Apply Online</li> <li>Merit List based on PCB / PCM / PCO* marks, whichever is higher</li> <li>Physical / Online Counseling</li> <li>Admission Formalities</li> </ul> <p>* O – Computer Science / Statistics / Electronics / Psychology. PCO percentage should be <math>\geq 80\%</math></p>	<ul style="list-style-type: none"> <li>Apply online</li> <li>Submission of Eligibility documents*</li> <li>Admission Notice</li> <li>Fee Payment</li> <li>Issue of Provisional Admission Order</li> <li>Submission of final results</li> <li>Admission Order</li> </ul>
	A level	<ul style="list-style-type: none"> <li>Physics, Chemistry and Biology / Mathematics / Psychology in the 'A' Levels and English in the 'AS' / IGCSE / GCSE</li> <li>Minimum requirement is an average of 'D' grade in PCB / PCM / PCO*</li> <li>* PCO percentage should be <math>\geq 80\%</math> i.e. Grade A / A*</li> </ul> <p>Applicants shall NOT be older than 25 years on the 1st July of the year of admission</p>		
	IB <sup>s</sup>	<ul style="list-style-type: none"> <li>English, Physics, Chemistry and Biology / Mathematics / Psychology</li> <li>IB Diploma or IB Certificate with average of 4 points in PCB / PCM / PCO* with overall minimum of 24 points.</li> <li>Minimum 3 subjects in HL and 3 subjects in SL</li> <li>Minimum TWO Science subjects in HL</li> <li>Third Science subject and English can be at HL or SL</li> <li>* PCO percentage should be <math>\geq 80\%</math> i.e. Grade 6 / 7</li> </ul> <p>Applicants shall NOT be older than 25 years on the 1st July of the year of admission</p>		
3.02, 8.03 - Bachelor of Optometry 8.13 - B.Sc. (Nuclear Medicine Technology) 8.16 - B.Sc. (Prosthetics & Orthotics)	Indian Boards	<ul style="list-style-type: none"> <li>Pass in 10+2 or equivalent with Physics, Chemistry and English with Biology / Mathematics from a recognized Board, with minimum 50 % aggregate marks or equivalent in PCB / PCM</li> </ul>	<ul style="list-style-type: none"> <li>Apply Online</li> <li>Merit List based on PCB / PCM marks, whichever is higher</li> <li>Physical / Online Counseling</li> <li>Admission Formalities</li> </ul>	<ul style="list-style-type: none"> <li>Apply online</li> <li>Submission of Eligibility documents*</li> <li>Admission Notice</li> <li>Fee Payment</li> <li>Issue of Provisional Admission Order</li> <li>Submission of final results</li> <li>Admission Order</li> </ul>
	A level #	<ul style="list-style-type: none"> <li>Physics, Chemistry and Biology or Mathematics in the 'A' Levels and English in the 'AS' / IGCSE / GCSE OR</li> <li>Two Science subjects amongst PCMB in the 'A' Levels AND 5 Passes in the IGCSE / GCSE including English and third Science subject, amongst PCMB</li> <li>Minimum requirement is an average of 'D' grade in PCB / PCM</li> </ul>		
	IB	<ul style="list-style-type: none"> <li>English, Physics, Chemistry and Biology or Mathematics</li> <li>IB Diploma or IB Certificate with average of 4 points in PCB or PCM with overall minimum of 24 points</li> <li>Minimum 3 subjects in HL and 3 subjects in SL</li> <li>Minimum two Science subjects in HL</li> <li>Third Science subject and English can be at HL or SL</li> </ul>		

## 2022: Eligibility Criteria &amp; Admission Process

## UNDER GRADUATE (UG) PROGRAMS (General / Foreign / NRI category)

Program Name	Qualification	Admission Process (General Category)	Admission Process (Foreign / NRI Category)	
3.04, 8.09 - B.Sc. (Exercise and Sports Sciences) 5.09, 8.09 - B.Sc. (Hons) Exercise and Sports Sciences	Indian Boards	<ul style="list-style-type: none"> <li>• Apply Online</li> <li>• Personal Interview (PI)</li> <li>• Merit List based on PI</li> <li>• Admission Formalities</li> </ul>	<ul style="list-style-type: none"> <li>• Apply online</li> <li>• Submission of Eligibility documents*</li> <li>• Admission Notice</li> <li>• Fee Payment</li> <li>• Issue of Provisional Admission Order</li> <li>• Submission of final results</li> <li>• Admission Order</li> </ul>	
	A level #			<ul style="list-style-type: none"> <li>• Physics, Chemistry and Biology or Mathematics in the 'A' Levels and English in the 'AS' / IGCSE / GCSE</li> <li>OR</li> <li>• Two Science subjects amongst PCMB in the 'A' Levels AND 5 Passes in the IGCSE / GCSE including English and third Science subject, amongst PCMB</li> <li>• Minimum requirement is an average of 'D' grade in PCB / PCM</li> </ul>
	IB §			<ul style="list-style-type: none"> <li>• English, Physics, Chemistry and Biology or Mathematics</li> <li>• IB Diploma or IB Certificate with average of 4 points in PCB or PCM with overall minimum of 24 points</li> <li>• Minimum 3 subjects in HL and 3 subjects in SL</li> <li>• Minimum two Science subjects in HL</li> <li>• Third Science subject and English can be at HL or SL</li> </ul>
8.02 - Bachelor of Occupational Therapy 2.23, 8.04 - Bachelor of Physiotherapy	Indian Boards	<ul style="list-style-type: none"> <li>• Apply Online</li> <li>• Merit List based on PCB marks</li> <li>• Physical / Online Counseling</li> <li>• Admission Formalities</li> </ul>	<ul style="list-style-type: none"> <li>• Apply online</li> <li>• Submission of Eligibility documents*</li> <li>• Admission Notice</li> <li>• Fee Payment</li> <li>• Issue of Provisional Admission Order</li> <li>• Submission of final results</li> <li>• Admission Order</li> </ul>	
	A level #			<ul style="list-style-type: none"> <li>• Physics, Chemistry and Biology in the 'A' levels and English in the 'AS' / IGCSE / GCSE</li> <li>OR</li> <li>• Two science subjects amongst PCB in the 'A' Levels and 5 Passes in the IGCSE / GCSE including English and third Science subject, amongst PCB</li> <li>• Minimum requirement is an average of 'D' grade in PCB</li> </ul> <p><i>Candidates are advised to check the minimum grade requirements for registration in their respective countries</i></p>
	IB §			<ul style="list-style-type: none"> <li>• English, Physics, Chemistry and Biology</li> <li>• IB Diploma or IB Certificate with Average of 4 points in PCB with an overall minimum of 24 points</li> <li>• Minimum 3 subjects in HL and 3 subjects in SL</li> <li>• Minimum TWO Science subjects in HL</li> <li>• Third Science subject and English can be at HL or SL</li> </ul>

## 2022: Eligibility Criteria &amp; Admission Process

## UNDER GRADUATE (UG) PROGRAMS (General / Foreign / NRI category)

Program Name	Qualification	Admission Process (General Category)	Admission Process (Foreign / NRI Category)	
8.05 - B.Sc. (Anaesthesia and Operation Theater Technology) 2.24, 3.03, 8.06 - B.Sc. (Cardiovascular Technology) 8.07 - B.Sc. (Clinical Nutrition & Dietetics) 8.08 - B.Sc. (Emergency Medicine Technology) 2.25, 3.06, 8.11 - B.Sc. (Medical Imaging Technology) 3.07, 8.12 - B.Sc. (Medical Laboratory Technology) 8.14 - B.Sc. (Perfusion Technology) 8.15 - B.Sc. (Physician Assistant) 2.27, 3.08, 8.19 - B.Sc. (Renal Replacement Therapy & Dialysis Technology) 2.28, 8.20 - B.Sc. (Respiratory Therapy)	Indian Boards	<ul style="list-style-type: none"> <li>• Apply Online</li> <li>• Merit List based on PCB marks</li> <li>• Physical / Online Counseling</li> <li>• Admission Formalities</li> </ul>	<ul style="list-style-type: none"> <li>• Apply online</li> <li>• Submission of Eligibility documents*</li> <li>• Admission Notice</li> <li>• Fee Payment</li> <li>• Issue of Provisional Admission Order</li> <li>• Submission of final results</li> <li>• Admission Order</li> </ul>	
	A level #			<ul style="list-style-type: none"> <li>• Pass in 10+2 or equivalent with Physics, Chemistry, English and Biology from a recognized Board, with minimum 50 % aggregate marks or equivalent in PCB</li> <li>• Physics, Chemistry and Biology in the 'A' levels and English in the 'AS' / IGCSE / GCSE</li> <li>OR</li> <li>• Two science subjects amongst PCB in the 'A' Levels and 5 Passes in the IGCSE / GCSE including English and third Science subject, amongst PCB</li> <li>• Minimum requirement is an average of 'D' grade in PCB</li> </ul>
	IB <sup>s</sup>			<ul style="list-style-type: none"> <li>• English, Physics, Chemistry and Biology</li> <li>• IB Diploma or IB Certificate with Average of 4 points in PCB and overall minimum of 24 points</li> <li>• Minimum 3 subjects in HL and 3 subjects in SL</li> <li>• Minimum two Science subjects in HL</li> <li>• Third Science subject and English can be at HL or SL</li> </ul>
8.17 - B.Sc. Psychology 8.17 - B.Sc. (Hons) Psychology	Indian Boards	<ul style="list-style-type: none"> <li>• Apply Online</li> <li>• Merit List based on qualifying exam marks</li> <li>• Admission Formalities</li> </ul>	<ul style="list-style-type: none"> <li>• Apply online</li> <li>• Submission of Eligibility documents*</li> <li>• Admission Notice</li> <li>• Fee Payment</li> <li>• Issue of Provisional Admission Order</li> <li>• Submission of final results</li> <li>• Admission Order</li> </ul>	
	A level #			<ul style="list-style-type: none"> <li>• Pass in 10+2 or equivalent from a recognized Board, with minimum 50 % aggregate marks or equivalent, in any stream</li> <li>• Minimum 2 / 3 subjects in the 'A' Levels and 5 Passes in the IGCSE / GCSE including English</li> <li>• Minimum requirement is an average of 'D' grade</li> </ul>
	IB <sup>s</sup>			<ul style="list-style-type: none"> <li>• IB Diploma or IB Certificate with 3 subjects at HL and 3 subjects at SL and overall minimum of 24 points</li> </ul>
3.05, 8.10 - B.Sc. (Health Information Management)	Indian Boards	<ul style="list-style-type: none"> <li>• Apply Online</li> <li>• Merit List based on qualifying exam marks</li> <li>• Physical / Online Counseling</li> <li>• Admission Formalities</li> </ul>	<ul style="list-style-type: none"> <li>• Apply online</li> <li>• Submission of Eligibility documents*</li> <li>• Admission Notice</li> <li>• Fee Payment</li> <li>• Issue of Provisional Admission Order</li> <li>• Submission of final results</li> <li>• Admission Order</li> </ul>	
	A level #			<ul style="list-style-type: none"> <li>• Pass in 10+2 or equivalent from a recognized Board, with minimum 50 % aggregate marks or equivalent, in any stream</li> <li>• Minimum 2 / 3 subjects in the 'A' Levels and 5 Passes in the IGCSE / GCSE including English</li> <li>• Minimum requirement is an average of 'D' grade</li> </ul>
	IB <sup>s</sup>			<ul style="list-style-type: none"> <li>• IB Diploma or IB Certificate with 3 subjects at HL and 3 subjects at SL and overall minimum of 24 points</li> </ul>



## 2022: Eligibility Criteria &amp; Admission Process

## UNDER GRADUATE (UG) PROGRAMS (General / Foreign / NRI category)

Program Name	Qualification	Admission Process (General Category)	Admission Process (Foreign / NRI Category)	
2.26, 8.18 - B.Sc. (Radiotherapy Technology)	Indian Boards	<ul style="list-style-type: none"> <li>Apply Online</li> <li>Merit List based on PCM marks</li> <li>Physical / Online Counseling</li> <li>Admission Formalities</li> </ul>	<ul style="list-style-type: none"> <li>Apply online</li> <li>Submission of Eligibility documents*</li> <li>Admission Notice</li> <li>Fee Payment</li> <li>Issue of Provisional Admission Order</li> <li>Submission of final results</li> <li>Admission Order</li> </ul>	
	A level #			<ul style="list-style-type: none"> <li>Physics, Chemistry and Mathematics in the 'A' Levels and English in the 'AS' Level / IGCSE / GCSE</li> <li>OR</li> <li>Two science subjects amongst PCM in the 'A' Levels and 5 Passes in the IGCSE / GCSE including English and third science subject, amongst PCM</li> <li>Minimum requirement is an average of 'D' grade in PCM</li> </ul>
	IB §			<ul style="list-style-type: none"> <li>English, Physics, Chemistry and Mathematics</li> <li>IB Diploma or IB Certificate with average of 4 points in PCM with overall minimum of 24 points</li> <li>Minimum 3 subjects in HL and 3 subjects in SL</li> <li>Minimum two Science subjects in HL</li> <li>Third Science subject and English can be at HL or SL</li> </ul>
Lateral Entry to 8.05 - B.Sc. (Anaesthesia and Operation Theater Technology) 8.08 - B.Sc. (Emergency Medicine Technology) 8.11 - B.Sc. (Medical Imaging Technology) 8.12 - B.Sc. (Medical Laboratory Technology) 8.20 - B.Sc. (Respiratory Therapy)	Indian / International Boards / Universities	<ul style="list-style-type: none"> <li>Apply Online</li> <li>Department Test (DT)*</li> <li>Merit list based on DT</li> <li>Provisional Admission Notice to shortlisted candidates</li> <li>Admission Formalities</li> </ul> <p>* - Anatomy, Bio Chemistry, Microbiology, Physiology and program-specific subjects</p>	<ul style="list-style-type: none"> <li>Apply online</li> <li>Submission of Eligibility documents*</li> <li>Admission Notice</li> <li>Fee Payment</li> <li>Issue of Provisional Admission Order</li> <li>Submission of final results</li> <li>Admission Order</li> </ul>	

## 2022: Eligibility Criteria &amp; Admission Process

## UNDER GRADUATE (UG) PROGRAMS (General / Foreign / NRI category)

Program Name	Qualification	Admission Process (General Category)	Admission Process (Foreign / NRI Category)
<b>Manipal School of Life Sciences (MSLS), Manipal</b>			
11.01 - B.Sc. (Biotechnology) 11.01 - B.Sc. (Hons) Biotechnology	Indian Boards	<ul style="list-style-type: none"> <li>Pass in 10+2 or equivalent with Biology, Chemistry, English and Physics / Biotechnology / Mathematics / any other Life Sciences subject as optional subject, from a recognized Board with minimum 55 % aggregate marks or equivalent, taken together in Biology, Chemistry and Physics / Biotechnology / Mathematics / any other Life Sciences subject</li> </ul>	<ul style="list-style-type: none"> <li>Apply Online</li> <li>Merit List based on Biology, Chemistry + optional subject marks</li> <li>Provisional Admission Notice to shortlisted candidates</li> <li>Admission Formalities</li> </ul>
	A level	<ul style="list-style-type: none"> <li>Biology, Chemistry and Biotechnology / Mathematics / Physics / any other Life Science subject in the 'A' Levels plus English in the 'AS' Level / IGCSE / GCSE</li> <li>Minimum requirement is an average of 'C' grade but not less than 'D' grade in Chemistry, Biology and optional subject</li> </ul>	
	IB <sup>§</sup>	<ul style="list-style-type: none"> <li>Biology, Chemistry, English, and Physics / Biotechnology / Mathematics or any other Life Science subject</li> <li>IB Diploma or IB Certificate with minimum average of 4 points for Biology, Chemistry and Physics / Biotechnology / Mathematics or any other Life Science subject with overall minimum 24 points</li> <li>Minimum 3 subjects in HL and 3 subjects in SL</li> <li>Minimum two Science subjects in HL</li> <li>Third Science subject and English can be at HL or SL</li> </ul>	
<b>Manipal College of Nursing (MCON), Manipal</b>			
10.01 - B.Sc. Nursing	Indian Boards	<ul style="list-style-type: none"> <li>Pass in 10+2 or equivalent with Physics, Chemistry, Biology and English from a recognized board, with minimum 45 % aggregate marks or equivalent in PCBE</li> </ul>	<ul style="list-style-type: none"> <li>Apply Online</li> <li>Manipal Entrance Test (MET)**</li> <li>Merit List based on MET score</li> <li>Online Counseling</li> <li>Admission Formalities</li> </ul>
	A level	<ul style="list-style-type: none"> <li>Physics, Chemistry and Biology in the 'A' Levels and English in the 'AS' Level / IGCSE / GCSE</li> <li>Minimum requirement is an average of 'D' grade</li> </ul>	
	IB <sup>§</sup>	<ul style="list-style-type: none"> <li>English, Physics, Chemistry and Biology</li> <li>IB Diploma or IB Certificate with average of 4 points in PCB and overall minimum of 24 points</li> <li>Minimum 3 subjects in HL and 3 subjects in SL</li> <li>Minimum two Science subjects in HL</li> <li>Third Science subject and English can be at HL or SL</li> </ul>	
Note: The minimum age for admission shall be 17 years on or before 31st December of the year in which admission is sought. The maximum age for admission shall be 35 years.			
10.02 - Post Basic B.Sc. Nursing		<ul style="list-style-type: none"> <li>Pass in GNM after 10+2 or equivalent examination, preferably with Science subjects.</li> <li>Candidate should be a registered Nurse and registered Midwife or equivalent, with any State Nursing Registration Council.</li> </ul> <p><i>Note: Candidates should have completed their GNM course on or before 01.06.2022</i></p>	<ul style="list-style-type: none"> <li>Apply Online</li> <li>Merit List based on qualifying exam marks</li> <li>Provisional Admission Notice to shortlisted candidates</li> <li>Admission Formalities</li> </ul>
			<ul style="list-style-type: none"> <li>Apply online</li> <li>Submission of Eligibility documents*</li> <li>Admission Notice</li> <li>Fee Payment</li> <li>Issue of Provisional Admission Order</li> <li>Submission of final results</li> <li>Admission Order</li> </ul>

## 2022: Eligibility Criteria &amp; Admission Process

## UNDER GRADUATE (UG) PROGRAMS (General / Foreign / NRI category)

Program Name	Qualification	Admission Process (General Category)	Admission Process (Foreign / NRI Category)
<b>Manipal Institute of Technology (MIT), Manipal</b>			
<b>Manipal Institute of Technology (MIT), Bengaluru</b>			
16.01 - B.Tech Aeronautical Engineering 16.02 - B.Tech Automobile Engineering 16.03 - B.Tech Biomedical Engineering 16.04 - B.Tech Biotechnology 16.05 - B.Tech Chemical Engineering	Indian Boards	<ul style="list-style-type: none"> <li>Pass in 10+2 or equivalent with Physics, Mathematics and English as compulsory subjects along with Chemistry / Biotechnology / Biology / any technical vocational subject* as optional, from a recognized Board, with minimum 50 % aggregate marks taken together in Physics, Mathematics and any one of the optional subjects</li> <li>* <i>Technical vocational subject must be related to Chemical / Civil / Computer / Electrical / Mechanical streams</i></li> </ul>	
16.06 - B.Tech Civil Engineering 16.07 - B.Tech Computer & Communication Engineering 16.08, 17.01 - B.Tech Computer Science & Engineering 17.02 - B.Tech Computer Science & Engineering – (Artificial Intelligence)	A level	<ul style="list-style-type: none"> <li>Physics, Mathematics and Chemistry / Biotechnology / Biology / Computer Science or any technical vocational subject* as optional subject in the 'A' Levels and English in the 'AS' / IGCSE / GCSE</li> <li>Minimum grade required is an average of 'D' grade in Physics, Mathematics and any one of the optional subjects</li> <li>* <i>Technical vocational subject must be related to Chemical / Civil / Computer / Electrical / Mechanical streams</i></li> </ul>	
17.03 - B.Tech Computer Science & Engineering – (Cyber Security) 16.09 - B.Tech Computer Science & Engineering – Artificial Intelligence (AI) & Machine Learning (ML) 16.10 - B.Tech Cyber Physical Systems 16.11 - B.Tech Data Science & Engg 16.12 - B.Tech Electrical & Electronics Engineering 16.13, 17.04 - B.Tech Electronics & Communication Engineering 16.14 - B.Tech Electronics and Instrumentation Engineering 16.15 - B.Tech Industrial Engineering 16.16, 17.05 - B.Tech Information Technology 16.17 - B.Tech Mechanical Engineering 16.18 - B.Tech Mechatronics 16.01 to 16.18, 17.01 to 17.05 - B.Tech (Hons)	IB §	<ul style="list-style-type: none"> <li>English, Physics, Mathematics and Chemistry / Biotechnology / Biology / Computer Science or any technical vocational subject* as optional subject (preferably Mathematics and Physics at HL level)</li> <li>IB Diploma or IB Certificate with minimum average of 4 points for Physics, Mathematics and any optional subject* with overall minimum of 24 points</li> <li>Minimum 3 subjects in HL and 3 subjects in SL</li> <li>* <i>Technical vocational subject must be related to Chemical / Civil / Computer / Electrical / Mechanical streams</i></li> </ul>	<ul style="list-style-type: none"> <li>Apply Online</li> <li>Manipal Entrance Test (MET)**</li> <li>Merit List based on MET score</li> <li>Physical / Online Counseling</li> <li>Admission Formalities</li> </ul> <p>** - Center Based / Remote proctored Online Entrance Test based on the situation</p>
			<ul style="list-style-type: none"> <li>Apply online</li> <li>Submission of Eligibility documents*</li> <li>Admission Notice</li> <li>Fee Payment</li> <li>Issue of Provisional Admission Order</li> <li>Submission of final results</li> <li>Admission Order</li> </ul>

## 2022: Eligibility Criteria &amp; Admission Process

## UNDER GRADUATE (UG) PROGRAMS (General / Foreign / NRI category)

Program Name	Qualification	Admission Process (General Category)	Admission Process (Foreign / NRI Category)
Lateral Entry to 16.01-16.19, 17.01 to 17.05 All B.Tech Programs	State Boards of Technical Education <ul style="list-style-type: none"> <li>Pass in 3-year Diploma (respective Engineering stream) granted by the State Board of Technical Examination with minimum 45% aggregate marks or equivalent</li> <li>Or</li> <li>Pass in BSc Degree, with Mathematics in 12th standard, from a recognized University with minimum 45% aggregate marks or equivalent</li> </ul>	<ul style="list-style-type: none"> <li>Apply Online</li> <li>Merit List based on qualifying exam marks</li> <li>Provisional Admission Notice to shortlisted candidates</li> <li>Admission Formalities</li> </ul>	Not Applicable
<b>Department of Science (DSc), Manipal</b>			
18.01 – Integrated M.Sc. Mathematics & Computing	Indian Boards <ul style="list-style-type: none"> <li>Pass in 10+2 or equivalent with Physics, Mathematics and English as compulsory subjects along with Chemistry / Biotechnology / Biology / any technical vocational subject* as optional, from a recognized Board, with minimum 50 % aggregate marks taken together in Physics, Mathematics and any one of the optional subjects</li> <li>* <i>Technical vocational subject must be related to Chemical / Civil / Computer / Electrical / Mechanical streams</i></li> </ul>	<ul style="list-style-type: none"> <li>Apply Online</li> <li>Manipal Entrance Test (MET)**</li> <li>Merit List based on MET score</li> <li>Physical / Online Counseling</li> <li>Admission Formalities</li> </ul> ** - Center Based / Remote proctored Online Entrance Test based on the situation	<ul style="list-style-type: none"> <li>Apply online</li> <li>Submission of Eligibility documents*</li> <li>Admission Notice</li> <li>Fee Payment</li> <li>Issue of Provisional Admission Order</li> <li>Submission of final results</li> <li>Admission Order</li> </ul>
	A level <ul style="list-style-type: none"> <li>Physics, Mathematics and Chemistry / Biotechnology / Biology / Computer Science or any technical vocational subject* as optional subject in the 'A' Levels and English in the 'AS' / IGCSE / GCSE</li> <li>Minimum grade required is an average of 'D' grade in Physics, Mathematics and any one of the optional subjects</li> <li>* Technical vocational subject must be related to Chemical / Civil / Computer / Electrical / Mechanical streams</li> </ul>		
	IB <ul style="list-style-type: none"> <li>English, Physics, Mathematics and Chemistry / Biotechnology / Biology / Computer Science or any technical vocational subject* as optional subject (preferably Mathematics and Physics at HL level)</li> <li>IB Diploma or IB Certificate with minimum average of 4 points for Physics, Mathematics and any optional subject* with overall minimum of 24 points</li> <li>Minimum 3 subjects in HL and 3 subjects in SL</li> <li>* <i>Technical vocational subject must be related to Chemical / Civil / Computer / Electrical / Mechanical streams</i></li> </ul>		



## 2022: Eligibility Criteria &amp; Admission Process

## UNDER GRADUATE (UG) PROGRAMS (General / Foreign / NRI category)

Program Name	Qualification	Admission Process (General Category)	Admission Process (Foreign / NRI Category)	
<b>Manipal School of Architecture and Planning (MSAP), Manipal</b>				
20.01 - Bachelor of Architecture (BArch)	Indian Boards	<ul style="list-style-type: none"> <li>Pass in 10+2 with Physics, Chemistry, Mathematics &amp; English from a recognized Board, with minimum 50 % aggregate marks in Physics, Chemistry and Mathematics and also 50 % aggregate marks or equivalent in 10+2</li> <li>OR</li> <li>Pass in 3-year Diploma with Mathematics &amp; English as compulsory subjects from a Central / State Government recognized Board, with at least 50 % marks in aggregate</li> <li>Candidates MUST qualify through NATA (National Aptitude Test in Architecture) conducted by Council of Architecture (COA) in 2022</li> </ul>	<ul style="list-style-type: none"> <li>Apply Online</li> <li>Merit List based on 50 % weightage of qualifying exam marks (PCM) and 50 % weightage of NATA</li> <li>Physical / Online Counseling</li> <li>Admission Formalities</li> </ul>	<ul style="list-style-type: none"> <li>Apply online</li> <li>Submission of Eligibility documents*</li> <li>Admission Notice</li> <li>Fee Payment</li> <li>Issue of Provisional Admission Order</li> <li>Submission of final results</li> <li>Admission Order</li> </ul>
	A level	<ul style="list-style-type: none"> <li>Mathematics, Physics and Chemistry in the 'A' Levels and English in the 'AS' / IGCSE / GCSE</li> <li>Minimum requirement is an average of 'D' grade in Physics, Chemistry and Mathematics and an overall average of 'D' grade at A level</li> <li>Candidates MUST qualify through NATA (National Aptitude Test in Architecture) conducted by Council of Architecture (COA) in 2022</li> </ul>		
	IB	<ul style="list-style-type: none"> <li>English, Physics, Chemistry and Mathematics</li> <li>IB Diploma or IB Certificate with minimum 4 points in each subject with overall minimum of 24 points</li> <li>Minimum 3 subjects in HL and 3 subjects in SL</li> <li>Minimum two Science subjects in HL</li> <li>Third Science subject and English can be at HL or SL</li> <li>Candidates MUST qualify through NATA (National Aptitude Test in Architecture) conducted by Council of Architecture (COA) in 2022</li> </ul>		
<b>Department of Design (DOD), Manipal</b>				
21.01 - Bachelor of Design (Fashion Design) 21.02 - Bachelor of Design (Interior Design)	Indian Boards	<ul style="list-style-type: none"> <li>Pass in 10+2 or 3-year Diploma from State Board of Technical Education or equivalent qualification from a recognized Board / University, with minimum 50 % aggregate marks or equivalent</li> </ul>	<ul style="list-style-type: none"> <li>Apply Online</li> <li>Home Based Test (HBT)</li> <li>Submit Portfolio of work (POW)</li> <li>Personal Interview (PI) for shortlisted candidates</li> <li>Merit List based on the HBT, POW &amp; PI</li> <li>Provisional Admission Notice to shortlisted candidates</li> <li>Admission Formalities</li> </ul>	<ul style="list-style-type: none"> <li>Apply online</li> <li>Submission of Eligibility documents*</li> <li>Admission Notice</li> <li>Fee Payment</li> <li>Issue of Provisional Admission Order</li> <li>Submission of final results</li> <li>Admission Order</li> </ul>
	A level	<ul style="list-style-type: none"> <li>Minimum 3 subjects in the 'A' Levels and 5 Passes in the IGCSE / GCSE including English</li> <li>Minimum requirement is an average of 'D' grade</li> </ul>		
	IB <sup>s</sup>	<ul style="list-style-type: none"> <li>IB Diploma or IB Certificate with 3 subjects at HL and 3 subjects at SL with overall minimum of 24 points</li> </ul>		
Lateral Entry 21.01 - Bachelor of Design (Fashion Design)	State Board	<ul style="list-style-type: none"> <li>Pass with a 3 years Diploma in Fashion Design from a recognized Central or State government Board, with minimum 50 % aggregate marks or equivalent</li> </ul>	<ul style="list-style-type: none"> <li>Apply Online</li> <li>Merit List based on qualifying exam marks</li> </ul>	Not Applicable
Lateral Entry 21.02 - Bachelor of Design (Interior Design)	State Boards	<ul style="list-style-type: none"> <li>Pass with a 3-year Diploma in Interior Design / Architecture / Civil from a recognized Central or State government Board, with minimum 50 % aggregate marks or equivalent</li> </ul>	<ul style="list-style-type: none"> <li>Provisional Admission Notice to shortlisted candidates</li> <li>Admission Formalities</li> </ul>	

## 2022: Eligibility Criteria &amp; Admission Process

## UNDER GRADUATE (UG) PROGRAMS (General / Foreign / NRI category)

Program Name	Qualification	Admission Process (General Category)	Admission Process (Foreign / NRI Category)	
<b>Manipal Centre for Business Practice (MCBP) Manipal / Bengaluru</b>				
24.01 - B.Sc. (Data Sciences)	Indian Boards	<ul style="list-style-type: none"> <li>Pass in 10+2 or equivalent from a recognized Board, with minimum 50 % aggregate marks or equivalent</li> </ul>	<ul style="list-style-type: none"> <li>Apply Online</li> <li>Submit Statement of Purpose (SOP)</li> <li>Personal Interview (PI)</li> <li>Merit List based on SOP &amp; PI</li> <li>Provisional Admission notice to shortlisted candidates</li> <li>Admission Formalities</li> </ul>	<ul style="list-style-type: none"> <li>Apply Online</li> <li>Submit Statement of Purpose (SOP)</li> <li>Personal Interview (PI)</li> <li>Merit List based on SOP &amp; PI</li> <li>Provisional Admission notice to shortlisted candidates</li> <li>Admission Formalities</li> </ul>
	A level #	<ul style="list-style-type: none"> <li>Minimum 2 / 3 subjects in the 'A' Levels and 5 Passes in the IGCSE / GCSE including English</li> <li>Minimum requirement is an average of 'D' grade</li> </ul>		
	IB <sup>s</sup>	<ul style="list-style-type: none"> <li>IB Diploma or IB Certificate with 3 subjects at HL and 3 subjects at SL with overall minimum of 24 points</li> </ul>		
24.02 - Integrated Program in Management (IPM)	Indian Boards	<ul style="list-style-type: none"> <li>Pass in 10+2 or equivalent from a recognized Board, with minimum 50 % aggregate marks or equivalent</li> </ul>	<ul style="list-style-type: none"> <li>Apply Online</li> <li>Submit Statement of Purpose (SOP)</li> <li>Personal Interview (PI)</li> <li>Merit List based on SOP &amp; PI</li> <li>Provisional Admission notice to shortlisted candidates</li> <li>Admission Formalities</li> </ul>	<ul style="list-style-type: none"> <li>Apply online</li> <li>Submission of Eligibility documents*</li> <li>Admission Notice</li> <li>Fee Payment</li> <li>Issue of Provisional Admission Order</li> <li>Submission of final results</li> <li>Admission Order</li> </ul>
	A level #	<ul style="list-style-type: none"> <li>Minimum 3 subjects in the 'A' Levels and 5 Passes in the IGCSE / GCSE including English</li> <li>Minimum requirement is an average of 'D' grade</li> </ul>		
	IB <sup>s</sup>	<ul style="list-style-type: none"> <li>IB Diploma or IB Certificate with 3 subjects at HL and 3 subjects at SL with overall minimum of 24 points</li> </ul>		
<b>T.A. Pai Management Institute (TAPMI) Bengaluru</b>				
BBA (Hons)	<ul style="list-style-type: none"> <li>Pass in 10+2 or equivalent from a recognized Board, with minimum 60% aggregated marks, passed in 2020, 2021 or appearing in 2022.</li> <li>English as a compulsory subject in HSC/(10+2) Examination.</li> </ul> <p>In addition, candidates should have appeared in one of the following entrance tests:</p> <ul style="list-style-type: none"> <li>IPMAT (Integrated Program in Management Aptitude Test, conducted by IIM Indore), for the corresponding academic year OR</li> <li>JEE mains (Joint Entrance Examination, conducted by the National Testing Agency (NTA), for the corresponding academic year OR</li> <li>SAT examination (administered on behalf of the College Board by the Educational Testing Service)</li> </ul> <p><i>Candidates should not be more than 20 years of age as on 1st August 2022.</i></p>	<ul style="list-style-type: none"> <li>Apply Online</li> <li>Upload Documents</li> <li>Personal Interview &amp; Micro-presentation</li> <li>Provisional Admission notice to shortlisted candidates</li> <li>Admission Formalities</li> </ul>	<ul style="list-style-type: none"> <li>Apply Online</li> <li>Upload Documents</li> <li>Personal Interview &amp; Micro-presentation</li> <li>Provisional Admission notice to shortlisted candidates</li> <li>Admission Formalities</li> </ul>	

## 2022: Eligibility Criteria &amp; Admission Process

## UNDER GRADUATE (UG) PROGRAMS (General / Foreign / NRI category)

Program Name	Qualification	Admission Process (General Category)	Admission Process (Foreign / NRI Category)
<b>Department of Commerce (DOC), Manipal</b>			
25.01 - BBA Banking 25.02 - BBA Business Analytics 25.03 - BBA Economic Studies 25.04 - BBA Family Business Management 25.05 - BBA Financial Markets 25.06 - BBA Human Resources Management 25.07 - BBA Insurance 25.08 - BBA Logistics & Supply Chain Management 25.09 - BBA Marketing 25.10 - BBA Professional 25.01 – 25.10 BBA (Hons)	Indian Boards  A level#  IB <sup>s</sup>	<ul style="list-style-type: none"> <li>Pass in 10+2 or equivalent from a recognized Board, with minimum 50 % aggregate marks or equivalent</li> <li>Minimum 2 / 3 subjects in the 'A' Levels and 5 Passes in the IGCSE / GCSE including English</li> <li>Minimum requirement is an average of 'D' grade</li> <li>IB Diploma or IB Certificate with 3 subjects at HL and 3 subjects at SL with overall minimum of 24 points</li> </ul>	<ul style="list-style-type: none"> <li>Apply Online</li> <li>Manipal Entrance Test (MET)**</li> <li>Merit List based on MET score</li> <li>Physical / Online Counseling</li> <li>Admission Formalities</li> <li>** - Center Based / Remote proctored Online Entrance Test based on the situation</li> </ul>
25.11 - B.Com (Business Process Services) 25.12 - B.Com (Professional) 25.11 – 25.12 B.Com (Hons)	Indian Boards  A level #  IB <sup>s</sup>	<ul style="list-style-type: none"> <li>Pass in 10+2 or equivalent from a recognized Board, with minimum 50 % aggregate marks or equivalent</li> <li>Minimum 2 / 3 subjects in the 'A' Levels and 5 Passes in the IGCSE / GCSE including English</li> <li>Minimum requirement is an average of 'D' grade</li> <li>IB Diploma or IB Certificate with 3 subjects at HL and 3 subjects at SL with an overall minimum of 24 points</li> </ul>	<ul style="list-style-type: none"> <li>Apply Online</li> <li>Personal Interview (PI)</li> <li>Merit list-based PI</li> <li>Provisional Admission Notice to shortlisted candidates</li> <li>Admission Formalities</li> </ul>
<b>Welcomgroup Graduate School of Hotel Administration (WGSHA), Manipal</b>			
27.01- Bachelor of Hotel Management (BHM)	Indian Boards  A level #  IB <sup>s</sup>	<ul style="list-style-type: none"> <li>Pass in 10+2 or equivalent from a recognized Board, with minimum 45 % aggregate marks or equivalent</li> <li>Minimum 3 subjects in the 'A' Levels and 5 Passes in the IGCSE / GCSE including English</li> <li>Minimum requirement is an average of 'D' grade</li> <li>IB Diploma or IB Certificate with 3 subjects at HL and 3 subjects at SL with an overall minimum of 24 points</li> </ul>	<ul style="list-style-type: none"> <li>Apply Online</li> <li>Department test (DT) through Online Remote Proctored Test</li> <li>Group Discussion (GD)</li> <li>Panel Interview (PI1) &amp; Personal Interview (PI2)</li> <li>Merit List based on DT, GD, PI1 &amp; PI2</li> <li>Provisional Admission Notice to shortlisted candidates</li> <li>Admission Formalities</li> </ul>

## 2022: Eligibility Criteria &amp; Admission Process

## UNDER GRADUATE (UG) PROGRAMS (General / Foreign / NRI category)

Program Name	Qualification	Admission Process (General Category)	Admission Process (Foreign / NRI Category)
27.02 - BA Culinary Arts	Indian Boards	<ul style="list-style-type: none"> <li>Pass in 10+2 or equivalent from a recognized Board, with minimum 45 % aggregate marks or equivalent</li> </ul>	<ul style="list-style-type: none"> <li>Apply Online</li> <li>Department test (DT) through Online Remote Proctored Test</li> <li>Group Discussion (GD)</li> <li>Panel Interview (PI1) &amp; Personal Interview (PI2)</li> <li>Merit List based on DT, GD, PI1 &amp; PI2</li> <li>Provisional Admission Notice to shortlisted candidates</li> <li>Admission Formalities</li> </ul>
	A level #	<ul style="list-style-type: none"> <li>Minimum 2 / 3 subjects in the 'A' Levels and 5 Passes in the IGCSE / GCSE including English</li> <li>Minimum requirement is an average of 'D' grade</li> </ul>	
	IB §	<ul style="list-style-type: none"> <li>IB Diploma or IB Certificate with 3 subjects at HL and 3 subjects at SL with an overall minimum of 24 points</li> </ul>	
<b>Srishti Manipal Institute of Art, Design and Technology, Bengaluru</b>			
29.01 - BDes Business Services & System Design 29.02 - BDes Creative & Applied Computation 29.03 - BDes Creative Education 29.04 - BDes Human Centered Design 29.05 - BDes Industrial Arts & Design Practices 29.06 - BDes Information Arts & Information Design Practices 29.07 - BDes Public Space Design 29.08 - BDes Visual Communication & Strategic Branding 29.09 - BFA Contemporary Art practice 29.10 - BFA Creative Writing 29.11 - BFA Digital Media Arts 29.12 - BFA Film	Indian Boards	<ul style="list-style-type: none"> <li>Pass in 10+2 or equivalent qualification from a recognized Board / University, with minimum 50 % aggregate marks or equivalent</li> </ul>	<ul style="list-style-type: none"> <li>Apply Online</li> <li>SMEAT Tests</li> <li>Merit List based on SMEAT Tests score</li> <li>Provisional Admission Notice to shortlisted candidates</li> <li>Admission Formalities</li> </ul>
	A level #	<ul style="list-style-type: none"> <li>Minimum 3 subjects in the 'A' Levels and 5 Passes in the IGCSE / GCSE including English</li> <li>Minimum requirement is an average of 'D' grade</li> </ul>	
	IB §	<ul style="list-style-type: none"> <li>IB Diploma or IB Certificate with 3 subjects at HL and 3 subjects at SL with overall minimum of 24 points</li> </ul>	
29.13 - BVoc Creative Coding 29.14 - BVoc Creative Manufacturing 29.15 - BVoc Digital Filmmaking 29.16 - BVoc Digital Media production 29.17 - BVoc Graphic Arts & Design Practices 29.18 - BVoc Interior Design & Build 29.19 - BVoc User Interface & Interaction Engineering	Indian Boards	<ul style="list-style-type: none"> <li>Pass in 10+2 or equivalent from a recognized Board / NSQF Certification Level 4 with minimum 50 % aggregate marks or equivalent</li> </ul>	<ul style="list-style-type: none"> <li>Apply Online</li> <li>SMEAT Tests</li> <li>Merit List based on SMEAT Tests score</li> <li>Provisional Admission Notice to shortlisted candidates</li> <li>Admission Formalities</li> </ul>
	A level #	<ul style="list-style-type: none"> <li>Minimum 2 / 3 subjects in the 'A' Levels and 5 Passes in the IGCSE / GCSE including English</li> <li>Minimum requirement is an average of 'D' grade</li> </ul>	
	IB §	<ul style="list-style-type: none"> <li>IB Diploma or IB Certificate with 3 subjects at HL and 3 subjects at SL with an overall minimum of 24 points</li> </ul>	

## 2022: Eligibility Criteria &amp; Admission Process

## UNDER GRADUATE (UG) PROGRAMS (General / Foreign / NRI category)

Program Name	Qualification	Admission Process (General Category)	Admission Process (Foreign / NRI Category)
<b>Manipal Institute of Communication (MIC), Manipal</b>			
30.01 - BA Media & Communication 30.01 - BA (Hons) Media & Communication	Indian Boards	<ul style="list-style-type: none"> <li>Pass in 10+2 or equivalent from a recognized Board, with minimum 45 % aggregate marks or equivalent</li> </ul>	<ul style="list-style-type: none"> <li>Apply Online</li> <li>Manipal Entrance Test (MET)**</li> <li>Personal Interview (PI)</li> <li>Merit List based on MET&amp; PI</li> <li>Admission Formalities</li> <li>** - Center Based / Remote proctored Online Entrance Test based on the situation</li> </ul>
	A level #	<ul style="list-style-type: none"> <li>Minimum 2 / 3 subjects in the 'A' Levels and 5 Passes in the IGCSE / GCSE including English</li> <li>Minimum requirement is an average of 'D' grade</li> </ul>	
	IB §	<ul style="list-style-type: none"> <li>IB Diploma or IB Certificate with 3 subjects at HL and 3 subjects at SL with an overall minimum of 24 points</li> </ul>	
30.02 - B.Sc. Animation	Indian Boards	<ul style="list-style-type: none"> <li>Pass in 10+2 or equivalent from a recognized Board</li> </ul>	<ul style="list-style-type: none"> <li>Apply Online</li> <li>Home Based Test (HBT)</li> <li>Submit Portfolio of work (POW)</li> <li>Personal Interview (PI) for shortlisted candidates</li> <li>Merit List based on HBT, POW &amp; PI</li> <li>Provisional Admission Notice to shortlisted candidates</li> <li>Admission Formalities</li> </ul>
	A level #	<ul style="list-style-type: none"> <li>Minimum 2 / 3 subjects in the 'A' Levels and 5 Passes in the IGCSE / GCSE including English</li> <li>Minimum requirement is an average of 'D' grade</li> </ul>	
	IB §	<ul style="list-style-type: none"> <li>IB Diploma or IB Certificate with 3 subjects at HL and 3 subjects at SL with an overall minimum of 24 points</li> </ul>	
30.03 - B.Voc Graphics and Digital Media	Indian Boards	<ul style="list-style-type: none"> <li>Pass in 10+2 or equivalent from a recognized Board</li> </ul>	<ul style="list-style-type: none"> <li>Apply Online</li> <li>Submit Portfolio of work (POW)</li> <li>Personal Interview (PI)</li> <li>Merit List based on POW &amp; PI</li> <li>Provisional Admission notice to shortlisted candidates</li> <li>Admission Formalities</li> </ul>
	A level #	<ul style="list-style-type: none"> <li>Minimum 2 / 3 subjects in the 'A' Levels and 5 Passes in the IGCSE / GCSE including English</li> <li>Minimum requirement is an average of 'D' grade</li> </ul>	
	IB §	<ul style="list-style-type: none"> <li>IB Diploma or IB Certificate with 3 subjects at HL and 3 subjects at SL with an overall minimum of 24 points</li> </ul>	
<b>Manipal Centre for Humanities (MCH), Manipal</b>			
31.01 - BA Humanities	Indian Boards	<ul style="list-style-type: none"> <li>Pass in 10+2 or equivalent from a recognized Board, with minimum 55 % aggregate marks or equivalent</li> </ul>	<ul style="list-style-type: none"> <li>Apply online</li> <li>Submission of Eligibility documents*</li> <li>Submit Statement of Purpose (SOP)</li> <li>Personal Interview (PI)</li> <li>Provisional Admission notice to shortlisted candidates</li> <li>Fee Payment</li> <li>Issue of Provisional Admission Order</li> <li>Submission of final results</li> <li>Admission Order</li> </ul>
	A level #	<ul style="list-style-type: none"> <li>Minimum 2/3 subjects in the 'A' Levels and 5 Passes in the IGCSE / GCSE including English</li> <li>Minimum requirement is an average of 'D' grade</li> </ul>	
	IB §	<ul style="list-style-type: none"> <li>IB Diploma or IB Certificate with 3 subjects at HL and 3 subjects at SL with an overall minimum of 24 points</li> </ul>	



## 2022: Eligibility Criteria &amp; Admission Process

## UNDER GRADUATE (UG) PROGRAMS (General / Foreign / NRI category)

Program Name	Qualification	Admission Process (General Category)	Admission Process (Foreign / NRI Category)
<b>Department of Languages (DLG), Manipal</b>			
33.01 - BA Foreign Languages & Intercultural Studies	Indian Boards	<ul style="list-style-type: none"> <li>Pass in 10+2 or equivalent from a recognized Board, with minimum 50 % aggregate marks or equivalent</li> </ul>	<ul style="list-style-type: none"> <li>Apply Online</li> <li>Submission of Eligibility documents*</li> <li>Submit Statement of Purpose (SOP)</li> <li>Personal Interview (PI)</li> <li>Provisional Admission notice to shortlisted candidates</li> <li>Fee Payment</li> <li>Issue of Provisional Admission Order</li> <li>Submission of final results</li> <li>Admission Order</li> </ul>
	A level #	<ul style="list-style-type: none"> <li>Minimum 2 / 3 subjects in the 'A' Levels and 5 Passes in the IGCSE / GCSE including English</li> <li>Minimum requirement is an average of 'D' grade</li> </ul>	
	IB §	<ul style="list-style-type: none"> <li>IB Diploma or IB Certificate with 3 subjects at HL and 3 subjects at SL with an overall minimum of 24 points</li> </ul>	
<b>Gandhian Centre for Philosophical Arts &amp; Sciences (GCPAS), Manipal</b>			
36.01 – BA Aesthetics and Peace Studies 36.01 – BA (Hons) Aesthetics and Peace Studies	Indian Boards	<ul style="list-style-type: none"> <li>Pass in 10+2 or equivalent from a recognized Board, with minimum 50 % aggregate marks or equivalent</li> </ul>	<ul style="list-style-type: none"> <li>Apply Online</li> <li>Submit Statement of Purpose (SOP)</li> <li>Personal Interview (PI)</li> <li>Merit List based on SOP &amp; PI</li> <li>Provisional Admission notice to shortlisted candidates</li> <li>Admission Formalities</li> </ul>
	A level #	<ul style="list-style-type: none"> <li>Minimum 2 / 3 subjects in the 'A' Levels and 5 Passes in the IGCSE / GCSE including English</li> <li>Minimum requirement is an average of 'D' grade</li> </ul>	
	IB §	<ul style="list-style-type: none"> <li>IB Diploma or IB Certificate with 3 subjects at HL and 3 subjects at SL with an overall minimum of 24 points</li> </ul>	
<p>* Documents to be uploaded after Online application submission</p> <p><b>Educational Qualification Details</b></p> <ul style="list-style-type: none"> <li><b>Indian Boards:</b> Submission of Grade 11 and pre-board / prelims / model exam results of Grade 12 or completed Grade 12 results, for eligibility check</li> <li><b>A Level:</b> Submission of IGCSE / GCSE and 'AS' level results + forecast / predicted or completed GCE 'A' level results, for eligibility check</li> <li><b>International Baccalaureate (IB):</b> Submission of predicted or completed IB level results, for eligibility check</li> </ul> <p><b>Proof of Foreign / NRI status Details</b></p> <ul style="list-style-type: none"> <li><b>Foreign Nationals:</b> Passport copy of Candidate and Parent(s) i.e. pages containing the Personal and Address information (if available)</li> <li><b>NRI:</b> (1) Passport copy of Candidate and Parent i.e. pages containing the Personal and Address information (2) Resident VISA / Letter from the Embassy (of Parent)</li> <li><b>NRI Sponsored:</b> (1) Passport copy of the Sponsorer i.e. pages containing the Personal and Address information (2) Proof of NRI Status i.e. Resident VISA / Letter from the Embassy (3) Notary affidavit from the Sponsorer</li> </ul> <p><b># University of Cambridge GCE 'A' Levels / Edexcel GCE 'A' Levels / British Examining Bodies</b></p> <p>a. Candidates who have completed 10th Grade of Indian Board and completed GCE Advanced Level ('A' Levels), should have minimum 3 subjects at GCE Advanced Level ('A' Levels) and English at the Advanced Subsidiary (AS) Level</p> <p>b. Candidates are advised to check the minimum grade requirements for registration in their respective countries</p> <p><b>§ International Baccalaureate (IB) Diploma / (IB) Certificate</b></p> <p>a. Candidate should have taken minimum 3 subjects in HL and 3 subjects in SL and an overall minimum of 24 points</p> <p>b. Candidate should have secured an average of 4 points in the required subjects as per the eligibility criteria</p> <p>c. Minimum point required in a subject is 3 or above</p>			
<p>Manipal Academy of Higher Education (MAHE) reserves the right to change the Eligibility and Admission Process. The updates, if any will be notified in the University website (<a href="http://www.manipal.edu">www.manipal.edu</a>)</p>			

## 2022: Eligibility Criteria &amp; Admission Process

## POST GRADUATE (PG) PROGRAMS (General / Foreign / NRI category)

Program Name	Qualification	Admission Process (General Category)	Admission Process (Foreign / NRI Category)
<b>Kasturba Medical College (KMC), Manipal &amp; Mangalore Campus</b>			
1.02-1.21, 2.02 -2.16 All MDcourses	Pass in MBBS degree from an Institution/ University recognized by National Medical Council (NMC)/ the erstwhile Medical Council of India (MCI) Internship completion date should be on or before 28.03.2022	<ul style="list-style-type: none"> <li>• Register, Appear and Qualify in NEET PG 2022</li> <li>• Online Registration &amp; Choice Filling by candidates on MCC / KEA portal</li> <li>• Online counseling &amp; Seat allotment by MCC/ KEA</li> <li>• Reporting to the Institute</li> <li>• Admission Formalities</li> </ul>	<ul style="list-style-type: none"> <li>• Register, Appear and Qualify in NEET PG 2022</li> <li>• Online Registration &amp; Choice Filling by candidates on MCC portal</li> <li>• Online counseling &amp; Seat allotment by MCC</li> <li>• Reporting to the Institute</li> <li>• Admission Formalities</li> </ul>
1.22-1.26, 2.17 -2.21 All IMScourses	Candidates holding foreign degree must be registered practitioners in the Country from where they have obtained their degree and MUST obtain a temporary registration certificate from National Medical Council (NMC) Indian citizens or overseas citizens of India who have obtained their Primary Medical Qualifications from Medical Colleges outside India should have qualified the Foreign Medical Graduate Examination (Screening Test) as per Screening Test Regulations, 2002 which is Conducted by National Board of Examinations.		
<p>Note: • Deemed University Counseling by Medical Counseling Committee (MCC): KMC Manipal, KMC Mangalore</p> <p>• State Counseling by Karnataka Examination Authority (KEA): KMC Manipal, KMC Mangalore</p> <p>Visit <a href="http://www.manipal.edu/neet">www.manipal.edu/neet</a> for reporting instructions, after Seat allotment</p>			
1.31, 2.39 - M.Sc.(Medical) – Anatomy 1.32, 2.40 - M.Sc. (Medical) – Biochemistry 1.33, 2.41 - M.Sc. (Medical) – Microbiology 1.34, 2.42 - M.Sc. (Medical) – Pharmacology 1.35, 2.43 - M.Sc.(Medical) – Physiology	Pass in BSc (with atleast one subject of Biological Sciences) / BSc Nursing / BSc in Allied Health Sciences / BAMS / MBBS / BHMS / BPT / BPharm from a recognized University with minimum 50% aggregate marks or equivalent.	<ul style="list-style-type: none"> <li>• Apply Online</li> <li>• Submission of Eligibility documents</li> <li>• Personal Interview (PI)</li> <li>• Merit List based on qualifying exam marks &amp; PI</li> <li>• Admission Formalities</li> </ul>	<ul style="list-style-type: none"> <li>• Apply online</li> <li>• Submission of Eligibility documents*</li> <li>• Admission Notice</li> <li>• Fee Payment</li> <li>• Issue of Provisional Admission Order</li> <li>• Submission of final results</li> <li>• Admission Order</li> </ul>
1.27 - M.Sc. Clinical Embryology 1.30 - M.Sc. Reproductive and Developmental Biology	Pass in BSc with Reproduction / Zoology / Microbiology / Biochemistry / Biotechnology / Bioscience / Physiology as one of the subjects from a recognized University, with minimum 60% aggregate marks or equivalent	<ul style="list-style-type: none"> <li>• Apply Online</li> <li>• Submission of Eligibility documents</li> <li>• Department Test (DT)</li> <li>• Personal Interview (PI)</li> <li>• Merit List based on DT &amp; PI</li> <li>• Provisional Admission Notice to shortlisted candidates</li> <li>• Admission Formalities</li> </ul>	<ul style="list-style-type: none"> <li>• Apply Online</li> <li>• Submission of Eligibility documents</li> <li>• Department Test (DT)</li> <li>• Personal Interview (PI)</li> <li>• Merit List based on DT &amp; PI</li> <li>• Provisional Admission Notice to shortlisted candidates</li> <li>• Admission Formalities</li> </ul>

## 2022: Eligibility Criteria &amp; Admission Process

## POST GRADUATE (PG) PROGRAMS (General / Foreign / NRI category)

Program Name	Qualification	Admission Process (General Category)	Admission Process (Foreign / NRI Category)
1.28 - M.Sc.Forensic Science	Pass in BSc (Criminology / Forensic Science / Criminology & Forensic Science / Computer Applications / Computer Science / Information Technology) OR BSc with any one of the following Subjects: Physics/ Chemistry/ Botany/ Zoology/ Microbiology/ Biochemistry/ Biotechnology / Statistics OR Degree in Law (5 years course)	<ul style="list-style-type: none"> <li>Apply Online</li> <li>Submission of Eligibility documents</li> <li>Personal Interview (PI) for the shortlisted candidates</li> <li>Merit List based on qualifying exam marks &amp; PI</li> <li>Provisional Admission Notice to shortlisted candidates</li> <li>Admission Formalities</li> </ul>	<ul style="list-style-type: none"> <li>Apply online</li> <li>Submission of Eligibility documents*</li> <li>Admission Notice</li> <li>Fee Payment</li> <li>Issue of Provisional Admission Order</li> <li>Submission of final results</li> <li>Admission Order</li> </ul>
1.29 - M.Sc. Genetic Counseling	Pass in MBBS / BDS / BSc Nursing / BSc with (Human Genetics/ Human Biology/ Medical Biotechnology/ Molecular Biology)/ Allied Health Sciences programs from a recognized University, with minimum 50% aggregate marks or equivalent	<ul style="list-style-type: none"> <li>Apply Online</li> <li>Department Test (DT)</li> <li>Personal Interview (PI)</li> <li>Merit List based on DT &amp; PI</li> <li>Provisional Admission Notice to shortlisted candidates</li> <li>Admission Formalities</li> </ul>	<ul style="list-style-type: none"> <li>Apply Online</li> <li>Department Test (DT)</li> <li>Personal Interview (PI)</li> <li>Merit List based on DT &amp; PI</li> <li>Provisional Admission Notice to shortlisted candidates</li> <li>Admission Formalities</li> </ul>
<b>Centre for Integrative Medicine &amp; Research (CIMR), Manipal</b>			
4.01 - M.Sc. Yoga Therapy	Candidates with minimum 50% marks in any Science degree or its equivalent, from a recognized University	<ul style="list-style-type: none"> <li>Apply Online</li> <li>Merit List based on qualifying exam marks</li> <li>Provisional Admission Notice to shortlisted candidates</li> <li>Admission Formalities</li> </ul>	<ul style="list-style-type: none"> <li>Apply online</li> <li>Submission of Eligibility documents*</li> <li>Admission Notice</li> <li>Fee Payment</li> <li>Issue of Provisional Admission Order</li> <li>Submission of final results</li> <li>Admission Order</li> </ul>
<b>Manipal College of Dental Sciences (MCODS), Manipal &amp; Mangalore Campus</b>			
5.02 - 5.10, 6.02-6.10 All MDS Programs	Pass in BDS degree from a university recognized by Dental Council of India (DCI)	<ul style="list-style-type: none"> <li>Register, Appear and Qualify in NEETPG 2022</li> <li>Online Registration &amp; Choice Filling by candidates on MCC / KEA portal</li> <li>Online counseling &amp; Seat allotment by MCC/ KEA</li> <li>Reporting to the Institute</li> <li>Admission Formalities</li> </ul>	<ul style="list-style-type: none"> <li>Register, Appear and Qualify in NEET PG2022</li> <li>Online Registration &amp; Choice Filling by candidates on MCC portal</li> <li>Online counseling &amp; Seat allotment by MCC</li> <li>Reporting to the Institute</li> <li>Admission Formalities</li> </ul>
Note: • Deemed University Counseling by Medical Counseling Committee (MCC): MCODES Manipal, MCODES Mangalore • State Counseling by Karnataka Examination Authority (KEA): MCODES Manipal, MCODES Mangalore Visit <a href="http://www.manipal.edu/neet">www.manipal.edu/neet</a> for reporting instructions, after Seat allotment			

## 2022: Eligibility Criteria &amp; Admission Process

## POST GRADUATE (PG) PROGRAMS (General / Foreign / NRI category)

Program Name	Qualification	Admission Process (General Category)	Admission Process (Foreign / NRI Category)			
<b>Manipal College of Pharmaceutical Sciences (MCOPS), Manipal</b>						
7.04 - Mpharm Industrial Pharmacy	Pass in BPharm from a university recognized by the Pharmacy Council of India (PCI), with minimum 55% aggregate marks or equivalent  Candidate should have obtained registration with the State Pharmacy Councilor should obtain the same within one month from the date of admission  Mandatory to submit a migration certificate obtained from the university where the candidate had passed the BPharm qualifying degree	<ul style="list-style-type: none"> <li>• Apply Online</li> <li>• Manipal Entrance Test (MET)**</li> <li>• Merit List based on MET score</li> <li>• Physical / Online Counseling</li> <li>• Admission Formalities</li> </ul> ** - Center Based / Remote proctored Online Entrance Test based on the situation	<ul style="list-style-type: none"> <li>• Apply online</li> <li>• Submission of Eligibility documents*</li> <li>• Admission Notice</li> <li>• Fee Payment</li> <li>• Issue of Provisional Admission Order</li> <li>• Submission of final results</li> <li>• Admission Order</li> </ul>			
7.05 - Mpharm Pharmaceutical Administration						
7.06 - Mpharm Pharmaceutical Analysis						
7.07 - Mpharm Pharmaceutical Biotechnology						
7.08 - Mpharm Pharmaceutical Chemistry						
7.09 - Mpharm Pharmaceutical Quality Assurance						
7.10 - Mpharm Pharmaceutical Regulatory Affairs						
7.11 - Mpharm Pharmaceutics						
7.12 - Mpharm Pharmacognosy						
7.13 - Mpharm Pharmacology						
7.14 - Mpharm Pharmacy Practice						
7.15 - PharmD Post Baccalaureate						
<b>Manipal College of Health Professions (MCHP), Manipal</b>						
<b>Kasturba Medical College (KMC), Mangalore</b>						
<b>Manipal Hospitals (MH), Bengaluru</b>						
8.48, 9.10 - M.Sc. (MLT) Clinical Biochemistry	Pass in BScMLT/ BMLT from a recognized University, with minimum 50% aggregate marks or equivalent  <i>Internship/ Additional Internship/ Clinical Experience Requirements#</i>	<ul style="list-style-type: none"> <li>• Apply Online</li> <li>• Departmental Test (DT)</li> <li>• Personal Interview (PI)</li> <li>• Merit list based on qualifying exam marks, DT&amp;PI</li> <li>• Provisional Admission Notice to shortlisted candidates</li> <li>• Admission Formalities</li> </ul>	<ul style="list-style-type: none"> <li>• Apply online</li> <li>• Submission of Eligibility documents*</li> <li>• Admission Notice</li> <li>• Fee Payment</li> <li>• Issue of Provisional Admission Order</li> <li>• Submission of final results</li> <li>• Admission Order</li> </ul>			
8.49, 9.11 - M.Sc. (MLT) Haematology and Immuno-Haematology						
8.50, 9.12 - M.Sc. (MLT) Microbiology & Immunology						
8.51 - M.Sc.(MLT) Public Health Laboratory Science						

## 2022: Eligibility Criteria &amp; Admission Process

## POST GRADUATE (PG) PROGRAMS (General / Foreign / NRI category)

Program Name	Qualification	Admission Process (General Category)	Admission Process (Foreign / NRI Category)
8.52 - M.Sc.(RT) Adult Respiratory Care 8.53 - M.Sc. (RT) Neonatal & Paediatric Respiratory Care	Pass in BSc Respiratory Therapy / BSc Respiratory Care Technology/ BSc Medical Technology (RespiratoryTherapy) / BSc Critical Care Technology (4-year duration) from a recognized University with minimum 50% aggregate marks or equivalent OR Pass in BSc Respiratory Therapy / BSc Respiratory Care Technology/ BSc Medical Technology (RespiratoryTherapy) / BSc Critical Care Technology (3 year duration) from a recognized University, with minimum 50% aggregate marks or equivalent in the qualifying exam and completed 1 year of clinical experience after graduation <i>Internship/ Additional Internship/ Clinical Experience Requirements#</i>	<ul style="list-style-type: none"> <li>• Apply online</li> <li>• Personal interview (PI)</li> <li>• Merit List based on qualifying exam marks &amp;PI</li> <li>• Provisional Admission Notice to selected candidates</li> <li>• Admission Formalities</li> </ul>	
8.33 - M.Sc. Anaesthesia & Operation Theatre Technology	Pass in BSc Anaesthesia & Operation Theatre Technology / BSc Anaesthesia Technology / BSc Operation Theatre Technology from a recognized University, with minimum 50% aggregate marks or equivalent <i>Internship / Additional Internship / Clinical Experience Requirements#</i>	<ul style="list-style-type: none"> <li>• Apply online</li> <li>• Department Test (DT)</li> <li>• Personal Interview (PI)</li> <li>• Merit List based on qualifying exam marks, DT&amp;PI</li> <li>• Provisional Admission Notice to shortlisted candidates</li> <li>• Admission Formalities</li> </ul>	<ul style="list-style-type: none"> <li>• Apply online</li> <li>• Submission of Eligibility documents*</li> <li>• Admission Notice</li> <li>• Fee Payment</li> <li>• Issue of Provisional Admission Order</li> <li>• Submission of final results</li> <li>• Admission Order</li> </ul>
2.36, 8.34 - M.Sc. Audiology	Pass in BASLP / BSc (Speech & Hearing) / BSLH degree from a University recognized by the Rehabilitation Council of India (RCI), with minimum 55% aggregate marks or equivalent AND Applicants shall NOT be older than 30 years on 1st July of the admission year, refer course details in prospectus <i>Internship/ Additional Internship/ Clinical Experience Requirements#</i>	<ul style="list-style-type: none"> <li>• Apply Online</li> <li>• Manipal Entrance Test (MET)**</li> <li>• Merit List based on MET score</li> <li>• Physical / Online Counseling</li> <li>• Admission Formalities</li> </ul> <p>** -Center Based/ Remote proctored Online Entrance Test based on the situation</p>	
8.35, 9.05 - M.Sc. Cardiac Catheterization & Intervention Technology	Pass in BSc Cardiac Care/ Cardiovascular Technology from a recognized University, with minimum 50% aggregate marks or equivalent AND Candidate MUST have completed their internship before class commencement, refer course details in prospectus <i>Internship/ Additional Internship/ Clinical Experience Requirements#</i>	<ul style="list-style-type: none"> <li>• Apply online</li> <li>• Department Test (DT)</li> <li>• Personal Interview (PI)</li> <li>• Merit List based on qualifying exam marks, DT &amp; PI</li> <li>• Provisional Admission Notice to shortlisted candidates</li> <li>• Admission Formalities</li> </ul>	
2.37, 8.36, 9.06 - M.Sc. Clinical Psychology	Pass in BA / BSc Degree in Psychology from a recognized university, with minimum 55% aggregate marks or equivalent	<ul style="list-style-type: none"> <li>• Apply Online</li> <li>• Manipal Entrance Test (MET)**</li> <li>• Department Test (DT), Subject interview (SI), General Interview (GI)</li> <li>• Merit List based on MET score, DT, SI &amp; GI</li> <li>• Provisional Admission Notice to shortlisted candidates</li> <li>• Admission Formalities</li> </ul> <p>** -Center Based/ Remote proctored Online Entrance Test based on the situation</p>	<ul style="list-style-type: none"> <li>• Apply Online</li> <li>• Manipal Entrance Test (MET)**</li> <li>• Department Test (DT), Subject interview (SI), General Interview (GI)</li> <li>• Merit List based on MET score, DT, SI &amp; GI</li> <li>• Provisional Admission Notice to shortlisted candidates</li> <li>• Admission Formalities</li> </ul> <p>** - Center Based / Remote proctored Online Entrance Test based on the situation</p>



## 2022: Eligibility Criteria &amp; Admission Process

## POST GRADUATE (PG) PROGRAMS (General / Foreign / NRI category)

Program Name	Qualification	Admission Process (General Category)	Admission Process (Foreign / NRI Category)
8.37, 9.07– M.Sc. Echocardiography	Pass in BSc Cardiac Care/ Cardiovascular Technology from a recognized University, with minimum 50% aggregate marks or equivalent AND Candidate MUST have completed their internship before class commencement, refer course details in prospectus <i>Internship/ Additional Internship/ Clinical Experience Requirements#</i>	<ul style="list-style-type: none"> <li>• Apply online</li> <li>• Department Test (DT)</li> <li>• Personal Interview (PI)</li> <li>• Merit List based on qualifying exam marks, DT&amp;PI</li> <li>• Provisional Admission Notice to selected candidates</li> <li>• Admission Formalities</li> </ul>	
8.38 - M.Sc. Emergency Medical Technology	Pass in BSc Emergency Medical Technology from a recognized University, with minimum 50% aggregate marks or equivalent <i>Internship / Additional Internship / Clinical Experience Requirements#</i>	<ul style="list-style-type: none"> <li>• Apply online</li> <li>• Department Test(DT)</li> <li>• Personal Interview(PI)</li> <li>• Merit List based on qualifying exam marks, DT &amp; PI</li> <li>• Provisional Admission Notice to shortlisted candidates</li> <li>• Admission Formalities</li> </ul>	
8.39 - M.Sc. Exercise & Sports Sciences	Pass in MBBS/ BPT/ BOT/ BSc (Exercise & Sports Sciences) or equivalent from a recognized University, with minimum 50% aggregate marks or equivalent AND Candidate MUST have completed their internship/ externship before class commencement <i>Internship/ Additional Internship/ Clinical Experience Requirements#</i>	<ul style="list-style-type: none"> <li>• Apply Online</li> <li>• Submit Statement of Purpose (SOP)</li> <li>• Personal Interview (PI)</li> <li>• Merit list based on qualifying exam marks, SOP &amp; PI</li> <li>• Provisional Admission Notice to selected candidates</li> <li>• Admission Formalities</li> </ul>	<ul style="list-style-type: none"> <li>• Apply online</li> <li>• Submission of Eligibility documents*</li> <li>• Admission Notice</li> <li>• Fee Payment</li> <li>• Issue of Provisional Admission Order</li> <li>• Submission of final results</li> <li>• Admission Order</li> </ul>
8.40 - M.Sc. Health Informatics (Healthcare IT Management)	Pass in MBBS / BDS / Nursing / Allied Health courses / BE or BTech in Computer Science stream / BCA / MCA from a recognized University, with minimum 50 % aggregate marks or equivalent	<ul style="list-style-type: none"> <li>• Apply Online</li> <li>• Merit List based on qualifying exam marks</li> <li>• Provisional Admission Notice to shortlisted candidates</li> <li>• Admission Formalities</li> </ul>	
8.41 - M.Sc. Health Information Management	Pass with graduation in any discipline (3 years duration), from a recognized University, with minimum 50% aggregate marks or equivalent in the qualifying exam	<ul style="list-style-type: none"> <li>• Apply Online</li> <li>• Merit List based on qualifying exammarks</li> <li>• Provisional Admission Notice to shortlisted candidates</li> <li>• Admission Formalities</li> </ul>	
8.42, 9.08 - M.Sc. Medical Imaging Technology	Pass in BSc MIT (3-year duration) from a recognized University, with minimum 50% aggregate marks or equivalent AND 1 year of compulsory internship or clinical experience, refer course details in prospectus <i>Internship/ Additional Internship/ Clinical Experience Requirements#</i>	<ul style="list-style-type: none"> <li>• Apply Online</li> <li>• Departmental Test (DT)</li> <li>• Merit List based on qualifying exam marks, DT</li> <li>• Provisional Admission Notice to shortlisted candidates</li> <li>• Admission Formalities</li> </ul>	
8.43 - M.Sc. Medical Radiation Physics	Pass in BSc with Physics as a major subject from a recognized University, with minimum 60% aggregate marks or equivalent in major subjects only	<ul style="list-style-type: none"> <li>• Apply Online</li> <li>• Merit List based on qualifying exam marks</li> <li>• Provisional Admission Notice to shortlisted candidates</li> <li>• Admission Formalities</li> </ul>	

## 2022: Eligibility Criteria &amp; Admission Process

## POST GRADUATE (PG) PROGRAMS (General / Foreign / NRI category)

Program Name	Qualification	Admission Process (General Category)	Admission Process (Foreign / NRI Category)
8.44 - M.Sc. Nuclear Medicine Technology	Pass in BSc Nuclear Medicine Technology / BSc NMT +PGDNMT/ Medical Imaging Technology/ Medical Laboratory Technology / Medical Radiation Technology or equivalent, with minimum 50 % aggregate marks or equivalent, refer course details in prospectus <i>Internship / Additional Internship / Clinical Experience Requirements#</i>	<ul style="list-style-type: none"> <li>• Apply Online</li> <li>• Departmental Test (DT)</li> <li>• Personal Interview (PI)</li> <li>• Merit List based on qualifying exam marks, DT &amp; PI</li> <li>• Provisional Admission Notice to shortlisted candidates</li> <li>• Admission Formalities</li> </ul>	
8.45 - M.Sc. Perfusion Technology	Pass in BSc Perfusion Technology or BSc in any science stream with 2 year Diploma in Perfusion Technology from a recognized University, with minimum 50% aggregate marks or equivalent, refer course details in prospectus <i>Internship / Additional Internship / Clinical Experience Requirements#</i>	<ul style="list-style-type: none"> <li>• Apply Online</li> <li>• Merit List based on qualifying exam marks</li> <li>• Provisional Admission Notice to shortlisted candidates</li> <li>• Admission Formalities</li> </ul>	
8.46, 9.09 - M.Sc. Renal Replacement Therapy & Dialysis Technology	Pass in BSc RRT & DT from a recognized University, with a minimum of 50 % aggregate marks or equivalent, refer course details in prospectus <i>Internship/ Additional Internship/ Clinical Experience Requirements#</i>	<ul style="list-style-type: none"> <li>• Apply Online</li> <li>• Departmental Test (DT)</li> <li>• Personal Interview (PI)</li> <li>• Merit List based on qualifying exam marks, DT &amp; PI</li> <li>• Provisional Admission Notice to shortlisted candidates</li> <li>• Admission Formalities</li> </ul>	
2.38, 8.47- M.Sc. Speech Language Pathology	Pass in BASLP / BSc (Speech & Hearing) / BSLH from any university recognized by the Rehabilitation Council of India (RCI), with minimum 55% aggregate marks or equivalent AND Applicants shall not be older than 30 years on 1st July of the admission year, refer course details in prospectus <i>Internship/ Additional Internship/ Clinical Experience Requirements#</i>	<ul style="list-style-type: none"> <li>• Apply Online</li> <li>• Manipal Entrance Test (MET)**</li> <li>• Merit List based on MET score</li> <li>• Physical / Online Counseling</li> <li>• Admission Formalities</li> <li>***-Center Based/ Remote proctored Online Entrance Test based on the situation</li> </ul>	<ul style="list-style-type: none"> <li>• Apply online</li> <li>• Submission of Eligibility documents*</li> <li>• Admission Notice</li> <li>• Fee Payment</li> <li>• Issue of Provisional Admission Order</li> <li>• Submission of final results</li> <li>• Admission Order</li> </ul>
8.25 – Master of Optometry	Pass in Bachelors in Optometry (B.Optom/ B.Sc. Optometry/ BSOptom/ B.Sc.(Hons.) Ophthalmic Techniques) (Full time inclusive of 1 year internship) from a recognized university with minimum 50% aggregate marks or equivalent <i>Internship / Additional Internship / Clinical Experience Requirements#</i>	<ul style="list-style-type: none"> <li>• Apply online</li> <li>• Departmental Test (DT)</li> <li>• Personal interview (PI)</li> <li>• Merit List based on qualifying exam marks, DT&amp;PI</li> <li>• Provisional Admission Notice to selected candidates</li> <li>• Admission Formalities</li> </ul>	
8.21 - MOT Developmental Disabilities 8.22 - MOTH and & Musculoskeletal Conditions 8.23 - MOT Mental Health & Psychosocial Rehabilitation 8.24 - MOT Neuro Rehabilitation	Pass in BOT/ BScOT/ BOTH from a recognized University, with minimum 50% aggregate marks or equivalent AND Candidate MUST have completed their internship before class commencement, refer course details in prospectus <i>Internship/ Additional Internship/ Clinical Experience Requirements#</i>	<ul style="list-style-type: none"> <li>• Apply Online</li> <li>• Departmental Test (DT)</li> <li>• Personal Interview (PI)</li> <li>• Merit List based on qualifying exam marks, DT&amp;PI</li> <li>• Provisional Admission Notice to shortlisted candidates</li> <li>• Admission Formalities</li> </ul>	

## 2022: Eligibility Criteria &amp; Admission Process

## POST GRADUATE (PG) PROGRAMS (General / Foreign / NRI category)

Program Name	Qualification	Admission Process (General Category)	Admission Process (Foreign / NRI Category)
2.29, 8.26, 9.01 - MPT Cardiopulmonary Sciences 2.30, 8.27 - MPT Community Physiotherapy 2.31, 8.28 – MPT Geriatrics 2.33, 8.30, 9.03 – MPT Neurosciences 2.34, 8.31 - MPT Obstetrics & Gynaecology 2.32, 8.29, 9.02 - MPT Musculoskeletal Sciences 2.35, 8.32, 9.04 – MPT Paediatrics	Pass in BPT from a recognized University, with minimum 50% aggregate marks or equivalent <b>AND</b> Candidate <b>MUST</b> have completed their internship before class commencement, refer course details in prospectus <i>Internship/Additional Internship/ Clinical Experience Requirements#</i>	<ul style="list-style-type: none"> <li>• Apply Online</li> <li>• Manipal Entrance Test (MET)**</li> <li>• Merit List based on METscore</li> <li>• Physical / Online Counseling</li> <li>• Admission Formalities</li> </ul> <p>** - Center Based/ Remote proctored Online Entrance Test based on the situation</p>	<ul style="list-style-type: none"> <li>• Apply online</li> <li>• Submission of Eligibility documents*</li> <li>• Admission Notice</li> <li>• Fee Payment</li> <li>• Issue of Provisional Admission Order</li> <li>• Submission of final results</li> <li>• Admission Order</li> </ul>
<b>Manipal School of Life Sciences (MSLS), Manipal</b>			
11.02 - M.Sc. Bioinformatics	Pass in BSc (Bioinformatics/ BasicSciences/ LifeSciences)/ BPharm/ PharmD/ MBBS/ BDS/ BE or BTech (Computer Science/Biomedical / Electronics/Biotechnology or related Engineering Sciences) from a recognized University, with minimum 50% aggregate marks or equivalent	<ul style="list-style-type: none"> <li>• Apply Online</li> <li>• Merit List based on qualifying exam marks</li> <li>• Provisional Admission Notice to shortlisted candidates</li> <li>• Admission Formalities</li> </ul>	
11.08 - M.Sc. by Research in Life Sciences	Pass in BSc (Botany/ Zoology/ Biotechnology/ Food Science/ Nutrition/ Agricultural Sciences)/ MBBS/ BDS/ BPharm/PharmD/ BVSc/ BE or BTech (Biotechnology/ Biomedical)/ BAMS/ BHMS from a recognized University, with a minimum of 50% aggregate marks or equivalent	<ul style="list-style-type: none"> <li>• Apply online</li> <li>• Manipal Entrance Test (MET)**</li> <li>• Personal Interview (PI)</li> <li>• Merit List based on MET &amp; PI</li> <li>• Provisional Admission Notice to selected candidates</li> <li>• Admission Formalities</li> </ul> <p>** - Center Based/ Remote proctored Online Entrance Test based on the situation</p>	<ul style="list-style-type: none"> <li>• Apply online</li> <li>• Submission of Eligibility documents*</li> <li>• Admission Notice</li> <li>• Fee Payment and Issue of Provisional Admission Order</li> <li>• Submission of final results</li> <li>• Admission Order</li> </ul>
11.03 - M.Sc. Genome Engineering 11.04 - M.Sc. Medical Biotechnology 11.05 - M.Sc. Molecular Biology & Human Genetics 11.06 - M.Sc. Systems Biology 11.07 - M.Sc. Tissue Engineering	Pass in BSc (Botany / Zoology / Biotechnology / Food Science / Nutrition / Agricultural Sciences or any other branches of Life Sciences)/ MBBS/ BDS/ BPharm/ PharmD/ BVSc/ BAMS/ BHMS/ BE or BTech (Chemical/ Biotechnology/ Biomedical) from a recognized University, with a minimum of 50 % aggregate marks or equivalent	<ul style="list-style-type: none"> <li>• Apply Online</li> <li>• Manipal Entrance Test (MET)**</li> <li>• Merit List based on MET score</li> <li>• Physical / Online Counseling</li> <li>• Admission Formalities</li> </ul> <p>** - Center Based/ Remote proctored Online Entrance Test based on the situation</p>	

## 2022: Eligibility Criteria &amp; Admission Process

## POST GRADUATE (PG) PROGRAMS (General / Foreign / NRI category)

Program Name	Qualification	Admission Process (General Category)	Admission Process (Foreign / NRI Category)
<b>Manipal College of Nursing (MCON), Manipal</b>			
10.03 - M.Sc. Child Health (Paediatric) Nursing 10.04 - M.Sc. Community Health Nursing 10.05 - M.Sc. Medical Surgical Nursing 10.06 - M.Sc. Obstetrics & Gynaecology Nursing 10.07 - M.Sc. Psychiatric (Mental Health) Nursing	Pass in BSc Nursing/ PBBSc Nursing from a university recognized by Indian Nursing Council, with minimum 55 % aggregate marks or equivalent AND  Candidates must have 1 year of experience as on July 31,2022 after BSc Nursing in a hospital of atleast 100 beds / in a community health program or in a school or college of nursing.  PBBSc Degree holders need to have 1-year experience either before or after Post Basic BSc Nursing degree	<ul style="list-style-type: none"> <li>• Apply Online</li> <li>• Merit List based on qualifying exam marks</li> <li>• Provisional Admission notice to shortlisted candidates</li> <li>• Admission Formalities</li> </ul>	<ul style="list-style-type: none"> <li>• Apply online</li> <li>• Submission of Eligibility documents*</li> <li>• Admission Notice</li> <li>• Fee Payment</li> <li>• Issue of Provisional Admission Order</li> <li>• Submission of final results</li> <li>• Admission Order</li> </ul>
10.08 - Nurse Practitioner Critical Care PG Residency Programme	Pass in BSc Nursing from an institution recognized by the Indian Nursing Council, with minimum 55 % aggregate marks or equivalent AND  Minimum of 1-year clinical experience, preferably in any Critical care setup	<ul style="list-style-type: none"> <li>• Apply Online</li> <li>• Department Test (DT)</li> <li>• Personal Interview (PI)</li> <li>• Merit List based on DT, PI &amp; qualifying exam marks</li> <li>• Provisional Admission Notice to selected candidates</li> <li>• Admission Formalities</li> </ul>	
<b>Prasanna School of Public Health (PSPH), Manipal</b>			
12.02 - MPH Environment and Occupational Health 12.03 - MPH Epidemiology 12.04 - MPH Global Health 12.05 - MPH Health Policy 12.06 - MPH Maternal & Child Health	Pass with a Bachelor's degree in any Health Science discipline from a recognized University, with minimum 60% aggregate marks or equivalent	<ul style="list-style-type: none"> <li>• Apply online</li> <li>• Personal Interview (PI)</li> <li>• Merit List based on PI</li> <li>• Provisional Admission Notice to selected candidates</li> <li>• Admission Formalities</li> </ul>	<ul style="list-style-type: none"> <li>• Apply online</li> <li>• Submission of Eligibility documents*</li> <li>• Admission Notice</li> <li>• Fee Payment</li> <li>• Issue of Provisional Admission Order</li> <li>• Submission of final results</li> <li>• Admission Order</li> </ul>
12.10 - MSW Community Development 12.11 - MSW Human Resource Management and Industrial Relations 12.12 - MSW Medical and Psychiatric Social Work	Pass with a Bachelor's degree in any discipline from a recognized University, with minimum 50% aggregate marks or equivalent		
12.01 - Master of Hospital Administration (MHA)	Pass with a Bachelor's Degree in any discipline from a recognized University with minimum 55% aggregate marks or equivalent		

## 2022: Eligibility Criteria &amp; Admission Process

## POST GRADUATE (PG) PROGRAMS (General / Foreign / NRI category)

Program Name	Qualification	Admission Process (General Category)	Admission Process (Foreign / NRI Category)
12.07 - M.Sc. Biostatistics	Pass in BSc (Statistics/ Mathematics/ Computer Science / Information Technology/ Biotechnology)/ BE or BTech / BCA/ BPharm or any other graduation from a recognized University with minimum 2 years learning of Mathematics/ Statistics	<ul style="list-style-type: none"> <li>• Apply Online</li> <li>• Personal Interview (PI)</li> <li>• Merit List based on qualifying exam marks &amp; PI</li> <li>• Provisional Admission Notice to shortlisted candidates</li> <li>• Admission Formalities</li> </ul>	<ul style="list-style-type: none"> <li>• Apply online</li> <li>• Submission of Eligibility documents*</li> <li>• Personal Interview (PI)</li> <li>• Admission Notice</li> <li>• Fee Payment</li> <li>• Issue of Provisional Admission Order</li> <li>• Submission of final results</li> <li>• Admission Order</li> </ul>
12.08 - M.Sc. Data Science	Pass in BCA / BSc (Statistics / Mathematics / Computer Science / Information Technology) / BE or BTech or any other graduation from a recognized University with 60% aggregate marks or equivalent with minimum 2 years learning of Mathematics / Statistics with basic software programming skills	<ul style="list-style-type: none"> <li>• Apply Online</li> <li>• Manipal Entrance Test (MET)**</li> <li>• Merit List based on MET score</li> <li>• Physical / Online Counseling</li> <li>• Admission Formalities</li> </ul> <p>** - Center Based/ Remote proctored Online Entrance Test based on the situation</p>	<ul style="list-style-type: none"> <li>• Apply online</li> <li>• Submission of Eligibility documents*</li> <li>• Personal Interview (PI)</li> <li>• Admission Notice</li> <li>• Fee Payment</li> <li>• Issue of Provisional Admission Order</li> <li>• Submission of final results</li> <li>• Admission Order</li> </ul>
12.09 – MSc Digital Epidemiology	Pass in Bachelor in Science with Mathematics and basic programming skills / BTech / BCA with mathematics with minimum 60% aggregate marks	<ul style="list-style-type: none"> <li>• Apply Online</li> <li>• Statement of Purpose (SOP)</li> <li>• Personal Interview (PI)</li> <li>• Merit List based on qualifying exam marks, SOP and PI</li> <li>• Provisional Admission Notice to shortlisted candidates</li> <li>• Admission Formalities</li> </ul>	<ul style="list-style-type: none"> <li>• Apply online</li> <li>• Submission of Eligibility documents*</li> <li>• Admission Notice</li> <li>• Fee Payment</li> <li>• Issue of Provisional Admission Order</li> <li>• Submission of final results</li> <li>• Admission Order</li> </ul>
<b>Manipal Institute of Virology (MIV), Manipal</b>			
13.01 - M.Sc. Clinical Virology	Bachelor's degree in Life Sciences (Microbiology/ Biotechnology/ Biochemistry/ Botany/ Zoology) or MBBS / BVSc / BSc-MLT or any other related subjects from a recognized University, with minimum 60% aggregate marks or an equivalent CGPA.	<ul style="list-style-type: none"> <li>• Apply Online</li> <li>• Personal Interview (PI) – Online/ Offline as per circumstances</li> <li>• Merit List based on qualifying exam marks &amp; PI</li> <li>• Provisional Admission Notice to shortlisted candidates</li> <li>• Admission Formalities</li> </ul>	<ul style="list-style-type: none"> <li>• Apply online</li> <li>• Submission of Eligibility documents*</li> <li>• Personal interview (PI) on MS Teams/ Skype</li> <li>• Admission Notice</li> <li>• Fee Payment</li> <li>• Issue of Provisional Admission Order</li> <li>• Submission of final results</li> <li>• Admission Order</li> </ul>
<b>Manipal Centre for Biotherapeutics Research (MCBR), Manipal</b>			
15.01 - M.Sc. by Research in Biotherapeutics	<p>Bachelor's degree (B.Sc.) in Zoology / Biotechnology / Microbiology / Biochemistry/ Life Sciences / MLT / FoodScience/ Nutrition/ Agricultural Sciences from a recognized University, with minimum 60% aggregate marks or an equivalent CGPA. OR</p> <p>Bachelor's degree Medical Sciences (M.B.B.S./ B.A.M.S) / Veterinary Sciences (B.V.Sc.)/ Pharmacy (B.Pharm)/ B.E. / B.Tech in Biomedical Engineering / Biotechnology, with minimum 55% aggregate marks or an equivalent CGPA. OR</p> <p>Bachelor's degree with 55% or equivalent for Biotechnology Industry sponsored candidates (Industry sponsored candidates should be employees of sponsoring industry with minimum 2years of experience)</p>	<ul style="list-style-type: none"> <li>• Apply Online</li> <li>• Personal Interview (PI)</li> <li>• Merit List based on qualifying exam marks &amp; PI</li> <li>• Provisional Admission Notice to shortlisted candidates</li> <li>• Admission Formalities</li> </ul>	<ul style="list-style-type: none"> <li>• Apply online</li> <li>• Submission of Eligibility documents*</li> <li>• Admission Notice</li> <li>• Fee Payment</li> <li>• Issue of Provisional Admission Order</li> <li>• Submission of final results</li> <li>• Admission Order</li> </ul>



## 2022: Eligibility Criteria &amp; Admission Process

## POST GRADUATE (PG) PROGRAMS (General / Foreign / NRI category)

Program Name	Qualification	Admission Process (General Category)	Admission Process (Foreign / NRI Category)
<b>Manipal Institute of Technology (MIT), Manipal</b>			
16.20 - M.Tech Applied Computational Fluid Dynamics 16.21 - M.Tech Automobile Engineering 16.22 - M.Tech Avionics 16.23 - M.Tech Biomedical Engineering 16.24 - M.Tech Chemical Engineering 16.25 - M.Tech Computer Aided Analysis & Design 16.26 - M.Tech Computer Networking & Engineering 16.27 - M.Tech Computer Science & Engineering 16.28 - M.Tech Computer Science & Information Security 16.29 - M.Tech Construction Engineering & Management 16.30 - M.Tech Control Systems 16.31 - M.Tech Data Science 16.32 - M.Tech Defence Technology 16.33 - M.Tech Digital Electronics & Communication Engineering 16.34 - M.Tech Electrical Vehicle Technology 16.35 - M.Tech Engineering Management 16.36 - M.Tech Environmental Engineering 16.37 - M.Tech Industrial Automation & Robotics 16.38 - M.Tech Industrial Biotechnology 16.39 - M.Tech Internet of Things 16.40 - M.Tech Machine Intelligence & Decision Sciences 16.41 - M.Tech Manufacturing Engineering 16.42 - M.Tech Medical Informatics 16.43 - M.Tech Microelectronics 16.44 - M.Tech Power Electronics & Drives 16.45 - M.Tech Software Engineering 16.46 - M.Tech Structural Engineering 16.47 - M.Tech Thermal Sciences & Energy Systems 16.48 - M.Tech Wireless and Mobile Communication	Pass in BE/BTech in a relevant branch from a Recognized University, with minimum 50% aggregate marks or equivalent  Weightage will be given to GATE qualified applicants  <i>Refer course details in prospectus</i>	<ul style="list-style-type: none"> <li>• Apply Online</li> <li>• Manipal Entrance Test (MET)**</li> <li>• Merit List based on MET score</li> <li>• Physical / Online Counseling</li> <li>• Admission Formalities</li> </ul> <p>** - Center Based/ Remote proctored Online Entrance Test based on the situation</p>	<ul style="list-style-type: none"> <li>• Apply online</li> <li>• Submission of Eligibility documents*</li> <li>• Admission Notice</li> <li>• Fee Payment</li> <li>• Issue of Provisional Admission Order</li> <li>• Submission of final results</li> <li>• Admission Order</li> </ul>

## 2022: Eligibility Criteria &amp; Admission Process

## POST GRADUATE (PG) PROGRAMS (General / Foreign / NRI category)

Program Name	Qualification	Admission Process (General Category)	Admission Process (Foreign / NRI Category)
16.49 – Master of Computer Applications (MCA)	Passed BCA / BSc (Computer Science / IT)/ Bachelor Degree in Computer Science Engineering or equivalent Degree. OR passed B.Sc./ B.Com./ B.A. from a recognized University with Mathematics at 10+2 Level or Graduation Level (with additional bridge Courses as per the norms of the University). Obtained atleast 50% marks in the qualifying Examination.	<ul style="list-style-type: none"> <li>• Apply Online</li> <li>• Merit List based on qualifying exam marks</li> <li>• Provisional Admission Notice to shortlisted candidates</li> <li>• Admission Formalities</li> </ul>	<ul style="list-style-type: none"> <li>• Apply online</li> <li>• Submission of Eligibility documents*</li> <li>• Admission Notice</li> <li>• Fee Payment</li> <li>• Issue of Provisional Admission Order</li> <li>• Submission of final results</li> <li>• Admission Order</li> </ul>
<b>Manipal School of Information Sciences (MSIS), Manipal</b>			
19.01 – ME Artificial Intelligence & Machine Learning 19.02 - ME Big Data Analytics 19.03 – ME Cloud Computing 19.04 – ME Embedded Systems 19.05 – ME VLSI Design	Pass in BE/ BTech in a relevant branch from a recognized University, with minimum 50% aggregate marks or equivalent <i>Refer course details in prospectus</i>	<ul style="list-style-type: none"> <li>• Apply Online</li> <li>• Manipal Entrance Test (MET)**</li> <li>• Merit List based on MET score</li> <li>• Physical / Online Counseling</li> <li>• Admission Formalities</li> </ul> <p>** -Center Based/ Remote proctored Online Entrance Test based on the situation</p>	<ul style="list-style-type: none"> <li>• Apply online</li> <li>• Submission of Eligibility documents*</li> <li>• Admission Notice</li> <li>• Fee Payment</li> <li>• Issue of Provisional Admission Order</li> <li>• Submission of final results</li> <li>• Admission Order</li> </ul>
<b>Department of Science (DSc), Manipal</b>			
18.02 - M.Sc. Applied Mathematics & Computing	Pass in BSc with Mathematics as major subject from a recognized University, with minimum 50% aggregate marks or equivalent	<ul style="list-style-type: none"> <li>• Apply Online</li> <li>• Merit List based on qualifying exam marks</li> <li>• Provisional Admission notice to selected candidates</li> <li>• Admission Formalities</li> </ul>	<ul style="list-style-type: none"> <li>• Apply online</li> <li>• Submission of Eligibility documents*</li> <li>• Admission Notice</li> <li>• Fee Payment and Issue of Provisional Admission Order</li> <li>• Submission of final results</li> <li>• Admission Order</li> </ul>
18.03 - M.Sc. Chemistry	Pass in BSc with Chemistry as major subject from a recognized University, with minimum 50% aggregate marks or equivalent		
18.04 - M.Sc. Geology	Pass in BSc with Geology as one subject and any two of the following subjects: Physics/ Chemistry/ Maths/ Botany/ Zoology/ Environmental Science, from a recognized University, with minimum 50% aggregate marks or equivalent		
18.05 - M.Sc. Physics	Pass in BSc with Physics as major subject from a recognized University, with minimum 50% aggregate marks or equivalent		
<b>Manipal School of Architecture &amp; Planning (MSAP), Manipal</b>			
20.02 – MArch Urban Design & Development	Pass in BArch or its equivalent from a recognized University as approved by Council of Architecture (COA), with minimum 50% aggregate marks or equivalent	<ul style="list-style-type: none"> <li>• Apply Online</li> <li>• Submit Curriculum Vitae (CV), Statement of Purpose (SOP), Portfolio of work (POW)</li> <li>• Merit List based on qualifying exam score, SOP &amp; POW</li> <li>• Provisional Admission notice to selected candidates</li> <li>• Admission Formalities</li> </ul>	<ul style="list-style-type: none"> <li>• Apply online</li> <li>• Submission of Eligibility documents*</li> <li>• Admission Notice</li> <li>• Fee Payment</li> <li>• Issue of Provisional Admission Order</li> <li>• Submission of final results</li> <li>• Admission Order</li> </ul>

## 2022: Eligibility Criteria &amp; Admission Process

## POST GRADUATE (PG) PROGRAMS (General / Foreign / NRI category)

Program Name	Qualification	Admission Process (General Category)	Admission Process (Foreign / NRI Category)
20.03 - M.Des Sustainable Design	Pass in BArch / BTech (Civil / Electrical / Mechanical) from a recognized University, with minimum 50% aggregate marks or equivalent <i>Weightage will be given to GATE qualified applicants</i>	<ul style="list-style-type: none"> <li>• Apply Online</li> <li>• Submit Curriculum Vitae (CV), Statement of Purpose (SOP), Portfolio of work (POW), Research experience (if any) &amp; thesis portfolios</li> <li>• 2 Reference letters / Letter of Recommendation (LOR)</li> <li>• Merit List based on qualifying exam score, SOP, POW</li> <li>• Provisional Admission notice to selected candidates</li> <li>• Admission Formalities</li> </ul>	<ul style="list-style-type: none"> <li>• Apply online</li> <li>• Submission of Eligibility documents*</li> <li>• Admission Notice</li> <li>• Fee Payment</li> <li>• Issue of Provisional Admission Order</li> <li>• Submission of final results</li> <li>• Admission Order</li> </ul>
<b>Department of Design (DOD), Manipal</b>			
21.03 - MA Fashion Management	Pass with a Graduation in any discipline from a recognized University, with minimum 50 % aggregate marks or equivalent	<ul style="list-style-type: none"> <li>• Apply Online</li> <li>• Submit Curriculum Vitae (CV) &amp; amp; Statement of Purpose (SOP)</li> <li>• Merit List based on qualifying exam score &amp; SOP</li> <li>• Provisional Admission notice to selected candidates</li> <li>• Admission Formalities</li> </ul>	<ul style="list-style-type: none"> <li>• Apply online</li> <li>• Submission of Eligibility documents*</li> <li>• Admission Notice</li> <li>• Fee Payment</li> <li>• Issue of Provisional Admission Order</li> <li>• Submission of final results</li> <li>• Admission Order</li> </ul>
21.04 - M.Des Interior Design	Pass in BDes (Interior Design) / BArch / BE Civil / BTech Civil from a recognized University, with minimum 50 % aggregate marks or equivalent	<ul style="list-style-type: none"> <li>• Apply Online</li> <li>• Submit Curriculum Vitae (CV), Statement of Purpose (SOP), Portfolio of work (POW)</li> <li>• Merit List based on qualifying exam score, SOP &amp; POW</li> <li>• Provisional Admission notice to selected candidates</li> <li>• Admission Formalities</li> </ul>	<ul style="list-style-type: none"> <li>• Apply online</li> <li>• Submission of Eligibility documents*</li> <li>• Admission Notice</li> <li>• Fee Payment</li> <li>• Issue of Provisional Admission Order</li> <li>• Submission of final results</li> <li>• Admission Order</li> </ul>
<b>Department of Atomic &amp; Molecular Physics (DAMP), Manipal</b>			
26.01 - M.Sc Nanoscience & Technology	Pass with BSc (Physics / Chemistry) / BE or BTech (Chemical / Biomedical / Material Science / Applied Physics) from a recognized University, with minimum 55 % aggregate marks or equivalent	<ul style="list-style-type: none"> <li>• Apply Online</li> <li>• Personal Interview (PI)</li> <li>• Merit List based on qualifying examination marks &amp; PI</li> <li>• Provisional Admission notice to selected candidates</li> <li>• Admission Formalities</li> </ul>	<ul style="list-style-type: none"> <li>• Apply online</li> <li>• Submission of Eligibility documents*</li> <li>• Admission Notice</li> <li>• Fee Payment</li> <li>• Issue of Provisional Admission Order</li> <li>• Submission of final results</li> <li>• Admission Order</li> </ul>
26.02 - M.Sc Photonics	Pass with a BSc (Physics / Electronics / Applied Physics / Photonics) / BE or BTech (Electronics / Electrical / Material Science / Applied Physics) from a recognized University, with minimum 55 % aggregate marks or equivalent	<ul style="list-style-type: none"> <li>• Apply Online</li> <li>• Personal Interview (PI)</li> <li>• Merit List based on qualifying examination marks &amp; PI</li> <li>• Provisional Admission notice to selected candidates</li> <li>• Admission Formalities</li> </ul>	<ul style="list-style-type: none"> <li>• Apply online</li> <li>• Submission of Eligibility documents*</li> <li>• Admission Notice</li> <li>• Fee Payment</li> <li>• Issue of Provisional Admission Order</li> <li>• Submission of final results</li> <li>• Admission Order</li> </ul>

## 2022: Eligibility Criteria &amp; Admission Process

## POST GRADUATE (PG) PROGRAMS (General / Foreign / NRI category)

Program Name	Qualification	Admission Process (General Category)	Admission Process (Foreign / NRI Category)
<b>T A Pai Institute of Management (TAPMI), Manipal</b>			
22.01 - MBA Banking and Financial Services 22.02 - MBA Human Resource Management 22.03 - MBA Marketing 22.04 - MBA	<p><b>General Category:</b> Pass with Bachelor's degree from a recognized university with minimum 50 % aggregate marks or equivalent</p> <p>With valid CAT 2021 / XAT 2022 / GMAT (2017 – February 2022) score Click here for more details</p> <p><b>NRI Category:</b> Pass with Bachelor's degree from a recognized university with minimum 50 % aggregate marks or equivalent with valid CAT / XAT / GMAT / NMAT / SNAP / ATMA / CMAT / MAT score</p> <p><b>PIO / Foreign category:</b> Pass with Bachelor's degree from a recognized university with minimum 50 % aggregate marks or equivalent with valid GMAT (compulsory) and IELTS (if required). Click here for more details</p>	<ul style="list-style-type: none"> <li>• Apply Online</li> <li>• English Proficiency Test (EPT)</li> <li>• Moderated Group Discussions (MGD)</li> <li>• Personal Interview (PI)</li> <li>• Merit list is based on Entrance Exam Score + academic profile + work experience (if any) + EPT Score + MGD Score + PI Score</li> <li>• Provisional Admission notice to selected candidates</li> <li>• Admission Formalities</li> </ul>	<ul style="list-style-type: none"> <li>• Apply Online</li> <li>• English Proficiency Test (EPT)</li> <li>• Moderated Group Discussions (MGD)</li> <li>• Personal Interview (PI)</li> <li>• Merit list is based on Entrance Exam Score + academic profile + work experience (if any) + EPT Score + MGD Score + PI Score</li> <li>• Provisional Admission notice to selected candidates</li> <li>• Admission Formalities</li> </ul>
<b>Department of Commerce (DOC), Manipal</b>			
25.14 - M.Com Banking Technology 25.15 - M.Com Logistics & Supply Chain 25.16 - M.Com Professional	Pass with a Bachelor's degree in Management or Commerce from a recognized University, with minimum 50 % aggregate marks or equivalent	<ul style="list-style-type: none"> <li>• Apply Online</li> <li>• Personal Interview (PI)</li> <li>• Merit list based on PI</li> <li>• Provisional Admission Notice to shortlisted candidates</li> <li>• Admission Formalities</li> </ul>	
25.17 - M.Sc. Business Analytics	Pass with Bachelor's degree in BBA / BCom / BSc / BCA / BE or BTech qualification with Statistics or Mathematics as one of the subject / modules or any equivalent qualification, from a recognized University with minimum of 50% marks in aggregate or equivalent	<ul style="list-style-type: none"> <li>• Apply Online</li> <li>• Statement of Purpose (SOP) &amp; Personal Interview (PI)</li> <li>• Screening based on SOP, PI, Previous Academic Records &amp; Work Experience.</li> <li>• Provisional Admission Notice to shortlisted candidates</li> <li>• Admission Formalities</li> </ul>	<ul style="list-style-type: none"> <li>• Apply online</li> <li>• Submission of Eligibility documents*</li> <li>• Admission Notice</li> <li>• Fee Payment</li> <li>• Issue of Provisional Admission Order</li> <li>• Submission of final results</li> <li>• Admission Order</li> </ul>
25.18 - M.Sc. Financial Economics 25.19 - M.Sc. Health Economics	<p>Pass with Bachelors / Master's degree in Management / Commerce / Economics / Mathematics / Social Science / Engineering / Science (with Statistics as one of the subjects) from a recognized University with a minimum of 50% marks in aggregate or equivalent</p> <p>Pass with Bachelor's / Master's degree in Management / Commerce / Economics / Social work / Social Science / Nursing / Medicine / Dental / Pharmacy / Physiotherapy / Health Science / Occupational therapy / Public Health / Life Sciences / Community Medicine / Biomedical / Biotechnology / Mathematics / Statistics or equivalent from a recognized University with minimum of 50% marks or equivalent</p>	<ul style="list-style-type: none"> <li>• Apply Online</li> <li>• Statement of Purpose (SOP) &amp; Personal Interview (PI)</li> <li>• Merit List based on SOP &amp; PI.</li> <li>• Provisional Admission Notice to shortlisted candidates</li> <li>• Admission Formalities</li> </ul>	

## 2022: Eligibility Criteria &amp; Admission Process

**POST GRADUATE (PG) PROGRAMS** (General / Foreign / NRI category)

Program Name	Qualification	Admission Process (General Category)	Admission Process (Foreign / NRI Category)
25.13 - MA Digital & Creative Marketing	Pass with a Bachelor's degree in any discipline from a recognized University, with minimum 50% aggregate marks or equivalent	<ul style="list-style-type: none"> <li>• Apply Online</li> <li>• Personal Interview (PI)</li> <li>• Merit List based on qualifying examination marks &amp; PI</li> <li>• Provisional Admission notice to shortlisted candidates</li> <li>• Admission Formalities</li> </ul>	<ul style="list-style-type: none"> <li>• Apply online</li> <li>• Submission of Eligibility documents*</li> <li>• Personal Interview (PI)</li> <li>• Merit List based on qualifying examination marks &amp; PI</li> <li>• Admission Notice</li> <li>• Fee Payment</li> <li>• Issue of Provisional Admission Order</li> <li>• Submission of final results</li> <li>• Admission Order</li> </ul>
<b>Welcomgroup Graduate School of Hotel Administration (WGSHA), Manipal</b>			
27.03 - MA Indian Cuisine and Food Culture	Pass with a Bachelor's degree in any discipline from a recognized University, with minimum 50 % aggregate marks or equivalent	<ul style="list-style-type: none"> <li>• Apply Online</li> <li>• Personal Interview (PI)</li> <li>• Merit List based on qualifying examination marks &amp; PI</li> <li>• Provisional Admission notice to selected candidates</li> <li>• Admission Formalities</li> </ul>	<ul style="list-style-type: none"> <li>• Apply online</li> <li>• Submission of Eligibility documents*</li> <li>• Admission Notice</li> <li>• Fee Payment</li> <li>• Issue of Provisional Admission Order</li> <li>• Submission of final results</li> <li>• Admission Order</li> </ul>
27.05 - M.Sc. Dietetics & Applied Nutrition	Pass with a Bachelor's degree in Home Science / Nutrition / Dietetics / Food Science / Biology / Microbiology / Clinical Biochemistry / Life Sciences / Sports & Exercise Science / BNYS (Naturopathy) / BAMS (Ayurveda) / BUMS (Unani) / BHMS (Homeopathy) / MBBS / PG Diploma in Dietetics (after Bachelor Degree) and, other Health Science and Allied Health Science courses, with any of these subjects as majors, from a recognized University, with minimum 50% aggregate marks or equivalent.	<ul style="list-style-type: none"> <li>• Apply Online</li> <li>• Personal Interview (PI)</li> <li>• Merit List based on qualifying examination marks &amp; PI</li> <li>• Provisional Admission notice to selected candidates</li> <li>• Admission Formalities</li> </ul>	<ul style="list-style-type: none"> <li>• Apply online</li> <li>• Submission of Eligibility documents*</li> <li>• Admission Notice</li> <li>• Fee Payment</li> <li>• Issue of Provisional Admission Order</li> <li>• Submission of final results</li> <li>• Admission Order</li> </ul>
27.04 - Master of Hotel Management (MHM)	Pass with a Bachelor's degree in any discipline from a recognized University, with minimum 50 % aggregate marks or equivalent		
<b>Manipal Centre for Natural Sciences (MCNS), Manipal</b>			
19.01 - Integrated M.Sc. - PhD	Pass in BSc (Physics / Electronics / Mathematics / Applied Mathematics / Computational Science / Geology or equivalent) / BE or BTech (Applied Physics / E & E / Vacuum Engineering / Cryogenic / Computation Science / Mechanical / Design / Instrumentation / Systems Engineering or equivalent) / BA (Mathematics / Applied Mathematics) from a recognized University with a minimum of 75% aggregate marks or equivalent	<ul style="list-style-type: none"> <li>• Apply Online</li> <li>• Department test (DT)</li> <li>• Personal Interview (PI)</li> <li>• Merit List based on DT &amp; PI</li> <li>• Provisional Admission Notice to shortlisted candidates</li> <li>• Admission Formalities</li> </ul>	<ul style="list-style-type: none"> <li>• Apply online</li> <li>• Submission of Eligibility documents*</li> <li>• Admission Notice</li> <li>• Fee Payment</li> <li>• Issue of Provisional Admission Order</li> <li>• Submission of final results</li> <li>• Admission Order</li> </ul>



## 2022: Eligibility Criteria &amp; Admission Process

## POST GRADUATE (PG) PROGRAMS (General / Foreign / NRI category)

Program Name	Qualification	Admission Process (General Category)	Admission Process (Foreign / NRI Category)
<b>Manipal Institute of Communication (MIC), Manipal</b>			
30.04 - MA Film Art & Film Making	Pass with a Bachelor's degree in any discipline from a recognized University, with minimum 50 % aggregate marks or equivalent	<ul style="list-style-type: none"> <li>• Apply Online</li> <li>• Manipal Entrance Test (MET)**</li> <li>• Submission of Statement of Purpose (SOP)</li> <li>• Personal Interview (PI) for the shortlisted candidates</li> <li>• Merit List based on MET Score, SOP &amp; PI</li> <li>• Provisional Admission Notice to shortlisted candidates</li> <li>• Admission Formalities</li> </ul>	<ul style="list-style-type: none"> <li>• Apply online</li> <li>• Submission of Eligibility documents*</li> <li>• Admission Notice</li> <li>• Fee Payment and Issue of Provisional Admission Order</li> <li>• Submission of final results</li> <li>• Admission Order</li> </ul>
30.05 - MA Media & Communication			
<b>Manipal Centre for Humanities (MCH), Manipal</b>			
31.02 - MA English	Pass with a Bachelor's degree in any discipline from a recognized University, with minimum 55 % aggregate marks or equivalent	<ul style="list-style-type: none"> <li>• Apply Online</li> <li>• Submit Statement of Purpose (SOP) &amp; CV</li> <li>• Personal Interviews (PI) based on shortlist</li> <li>• Merit List based on SOP, CV &amp; PI</li> <li>• Provisional Admission notice to selected candidates</li> <li>• Admission Formalities</li> </ul>	<ul style="list-style-type: none"> <li>• Apply Online</li> <li>• Submit Statement of Purpose (SOP) &amp; CV</li> <li>• Personal Interviews (PI) based on shortlist</li> <li>• Merit List based on SOP, CV &amp; PI</li> <li>• Provisional Admission notice to selected candidates</li> <li>• Admission Formalities</li> </ul>
31.03 - MA History			
31.04 - MA Sociology			
<b>Manipal Center for European Studies (MCES), Manipal</b>			
32.01 - MA European Studies	Pass with a Bachelor's degree in any discipline from a recognized University, with minimum 50 % aggregate marks or equivalent	<ul style="list-style-type: none"> <li>• Apply Online</li> <li>• Submit Letter of Motivation (LOM)</li> <li>• Personal Interview (PI)</li> <li>• Merit List based on LOM &amp; PI</li> <li>• Provisional Admission notice to selected candidates</li> <li>• Admission Formalities</li> </ul>	<ul style="list-style-type: none"> <li>• Apply Online</li> <li>• Submit Letter of Motivation (LOM)</li> <li>• Personal Interview (PI)</li> <li>• Merit List based on LOM &amp; PI</li> <li>• Provisional Admission notice to selected candidates</li> <li>• Admission Formalities</li> </ul>
<b>Dept of Philosophy (DPH), Manipal</b>			
34.01 - MA in Indian Philosophy	Pass with a Bachelors' Degree or equivalent (BA or Shastri or Vidvat Madhyama / MA or Acharya or Vidvat Uttama / MPhil or Vishishtacharya etc.) in any discipline from a recognized University with a minimum of 50% aggregate marks or equivalent	<ul style="list-style-type: none"> <li>• Apply Online</li> <li>• Letter of Motivation (LOM) / Statement of Purpose (SOP)</li> <li>• Submit Detailed CV</li> <li>• Personal Interview (PI)</li> <li>• Merit list based on LOM / SOP, CV and PI</li> <li>• Provisional Admission notice to selected candidate</li> <li>• Admission Formalities</li> </ul>	<ul style="list-style-type: none"> <li>• Apply Online</li> <li>• Letter of Motivation (LOM) / Statement of Purpose (SOP)</li> <li>• Submit Detailed CV</li> <li>• Personal Interview (PI)</li> <li>• Merit list based on LOM / SOP, CV and PI</li> <li>• Provisional Admission notice to selected candidate</li> <li>• Admission Formalities</li> </ul>
34.02 - MA Sanskrit Studies	Pass with a Bachelors' or equivalent (BA or Shastri or Vidvat Madhyama) degree in any discipline from a recognized University/college with a minimum of 50% aggregate marks or equivalent	<ul style="list-style-type: none"> <li>• Apply Online</li> <li>• Letter of Motivation (LOM) / Statement of Purpose (SOP)</li> <li>• Submit Detailed CV</li> <li>• Personal Interview (PI)</li> <li>• Merit list based on LOM / SOP, CV and PI</li> <li>• Provisional Admission notice to selected candidate</li> <li>• Admission Formalities</li> </ul>	<ul style="list-style-type: none"> <li>• Apply Online</li> <li>• Letter of Motivation (LOM) / Statement of Purpose (SOP)</li> <li>• Submit Detailed CV</li> <li>• Personal Interview (PI)</li> <li>• Merit list based on LOM / SOP, CV and PI</li> <li>• Provisional Admission notice to selected candidate</li> <li>• Admission Formalities</li> </ul>

## 2022: Eligibility Criteria &amp; Admission Process

## POST GRADUATE (PG) PROGRAMS (General / Foreign / NRI category)

Program Name	Qualification	Admission Process (General Category)	Admission Process (Foreign / NRI Category)
<b>Department of Geopolitics &amp; International Relations (DGIR), Manipal</b>			
35.01 - MA Geopolitics & International Relations	Pass with a Bachelor's degree in any discipline from a recognized University, with minimum 50 % aggregate marks or equivalent	<ul style="list-style-type: none"> <li>• Apply Online</li> <li>• Submit Statement of Purpose (SOP)</li> <li>• Personal Interview (PI)</li> <li>• Merit list based on SOP &amp; PI</li> <li>• Provisional Admission notice to selected candidates</li> <li>• Admission Formalities</li> </ul>	<ul style="list-style-type: none"> <li>• Apply Online</li> <li>• Submit Statement of Purpose (SOP)</li> <li>• Personal Interview (PI)</li> <li>• Merit list based on SOP &amp; PI</li> <li>• Provisional Admission notice to selected candidates</li> <li>• Admission Formalities</li> </ul>
<b>Gandhian Center for Philosophical Arts and Sciences (GCPAS), Manipal</b>			
36.02 - MA in Art & Peace Studies 36.03 - MA in Ecosophical Aesthetics	Pass with a Bachelor's degree in any discipline from a recognized University	<ul style="list-style-type: none"> <li>• Apply Online</li> <li>• Merit List based on qualifying exam marks</li> <li>• Provisional Admission notice to shortlisted candidates</li> <li>• Admission Formalities</li> </ul>	<ul style="list-style-type: none"> <li>• Apply online</li> <li>• Submission of Eligibility documents*</li> <li>• Admission Notice</li> <li>• Fee Payment</li> <li>• Issue of Provisional Admission Order</li> <li>• Submission of final results</li> <li>• Admission Order</li> </ul>
<b>Department of Library &amp; Information Science (DLIS), Manipal</b>			
37.01 - Master of Library and Information Sciences (M.Lib.I.Sc.)	Pass with a Bachelor's degree in any discipline from a recognized University	<ul style="list-style-type: none"> <li>• Apply Online</li> <li>• Merit List based on qualifying exam marks</li> <li>• Provisional Admission Notice to shortlisted candidates</li> <li>• Admission Formalities</li> </ul>	<ul style="list-style-type: none"> <li>• Apply online</li> <li>• Submission of Eligibility documents*</li> <li>• Admission Notice</li> <li>• Fee Payment</li> <li>• Issue of Provisional Admission Order</li> <li>• Submission of final results</li> <li>• Admission Order</li> </ul>
<b>Manipal Institute of Regenerative Medicine (MIRM), Bangalore</b>			
14.01 - M.Sc. Stem Cell Technology & Regenerative Biology	Pass in Bachelor's Degree in Life Sciences / MBBS / BDS / BVSc / Allied Health Science / BE or BTech (Biomedical / Biotechnology) or any other professional graduate program with at least one subject of biological sciences from a recognized University with, minimum 60 % aggregate marks or equivalent.	<ul style="list-style-type: none"> <li>• Apply Online</li> <li>• Merit List based on qualifying exam marks</li> <li>• Provisional Admission Notice to shortlisted candidates</li> <li>• Admission Formalities</li> </ul>	<ul style="list-style-type: none"> <li>• Apply online</li> <li>• Submission of Eligibility documents*</li> <li>• Admission Notice</li> <li>• Fee Payment</li> <li>• Issue of Provisional Admission Order</li> <li>• Submission of final results</li> <li>• Admission Order</li> </ul>
<p>* Documents to be uploaded after Online application submission</p> <p><b>Educational Qualification Details</b></p> <ul style="list-style-type: none"> <li>• Mark cards of all years / semesters obtained from the recognized University</li> <li>• <b>Foreign Nationals:</b> Passport copy of Candidate and Parent(s) i.e. pages containing the Personal and Address information</li> <li>• <b>NRI:</b> (1) Passport copy of Candidate and Parent i.e. pages containing the Personal and Address information (2) Resident VISA / Letter from the Embassy (of Parent)</li> <li>• <b>NRI Sponsored:</b> (1) Passport copy of the Sponsorer i.e. pages containing the Personal and Address information (2) Proof of NRI Status i.e. Resident VISA / Letter from the Embassy (3) Notary affidavit from the Sponsorer</li> </ul> <p>#Internship / Additional Internship / Clinical Experience Requirements for PG Allied Health Sciences Program</p>			

**2022: Eligibility Criteria & Admission Process****UNDER GRADUATE (PG) PROGRAMS (General / Foreign / NRI category)**

PG Programs	Internship Eligibility Requirement	Duration of Additional Internship / Clinical Experience in the respective field
M.Sc. RT / M.Sc. CVT / M.Sc. MLT / M.Sc. MIT / M.Sc. PFT / M.Sc. AOTT / M.Sc. EMT / M.Sc. RRT & DT / M.Sc. NMT / M.Sc. RTT / MPT / M.Sc. Audiology / M.Sc. Speech Language Pathology / M.Sc. ESS / M.Sc. HIM / M.Sc. Echocardiography / M. Optom / M.Sc. Cardiac Catheterization & Intervention Technology / M.Sc. Clinical Nutrition & Dietetics	4 years inclusive of 1-year internship.	Not Required
	4 years without internship	Minimum 6 months internship / Clinical Experience is required AFTER graduation
	3.5 years inclusive of 6 months of internship	Minimum 6 months of Internship / Clinical Experience is required AFTER graduation
	3 Years	Minimum one year of Internship/Clinical Experience is required AFTER graduation
MPT / MOT	4.5 years inclusive of six months of internship	NOT Required

**Query Resolutions**

- General Category: admissions@manipal.edu
- Foreign / NRI / NRI Sponsored: admissions@manipal.edu

**Note**

Manipal Academy of Higher Education (MAHE) reserves the right to change the Eligibility and Admission Process. The updates, if any will be notified in the University website ([www.manipal.edu/eligibility](http://www.manipal.edu/eligibility))

**Advisory**

- Candidates are deemed to have read and understood the Eligibility requirements & Admission Process  
All admissions are subject to fulfillment of all the eligibility conditions by the candidate. It is the responsibility of the candidates to ensure that they fulfill all the eligibility requirements for the course(s) applied, at the time of Merit List Preparation / Counseling (online / offline) / 1st year fee payment / Orientation / (online / offline) Class commencement (as applicable). If it is found at a later stage, during active verification, that the candidate has given false information / qualification obtained from unrecognized Board / University or is found to have concealed some information regarding eligibility / deliberately delayed submission of marks / grade sheets inspite of multiple reminders, his / her admission will be cancelled without any notice and the paid fee will be forfeited.
- Mere inclusion in the MAHE Manipal merit list or call for MAHE Manipal counseling does NOT guarantee admission to a course.
  - All admissions are through merit and MAHE Manipal has NO agents or middlemen or consultants for admissions or related activities
  - Jurisdiction for dispute (if any) shall be at Udupi court only.

## 2022: Eligibility Criteria &amp; Admission Process

**SUPER SPECIALTY (SS) PROGRAMS** (General category)

Program Name	Qualification	Admission Process (General Category)	
<b>Kasturba Medical College (KMC), Manipal</b>			
1.37 - DM Cardiology	Pass in MD / DNB (General Medicine / Paediatrics / Respiratory Medicine) from an institution recognized by National Medical Council / the erstwhile Medical Council of India (MCI)	<ul style="list-style-type: none"> <li>• Register, Appear and Qualify NEET SS 2022</li> <li>• Online Registration &amp; Choice Filling by candidates on <a href="https://mcc.nic.in">https://mcc.nic.in</a></li> <li>• Online counseling &amp; Seat allotment by MCC</li> <li>• Reporting to the Institute</li> <li>• Admission Formalities</li> </ul>	
1.38 - DM Gastroenterology	Pass in MD / DNB (General Medicine) from an institution recognized by National Medical Council / the erstwhile Medical Council of India (MCI)		
1.39 - DM Infectious Disease	Pass in MD / DNB (General Medicine / Paediatrics / Tropical Medicine / Respiratory Medicine) from an institution recognized by National Medical Council / the erstwhile Medical Council of India (MCI)		
1.40 - DM Medical Genetics	Pass in MD / MS / DNB (General Medicine / Obstetrics & Gynaecology) from an institution recognized by National Medical Council / the erstwhile Medical Council of India (MCI)		
1.41 - DM Medical Oncology	Pass in MD / DNB (General Medicine / Paediatrics / Radiotherapy / Radiation Oncology) from an institution recognized by National Medical Council / the erstwhile Medical Council of India (MCI)		
1.42 - DM Nephrology 1.43 - DM Neurology	Pass in MD / DNB (General Medicine / Paediatrics) from an institution recognized by National Medical Council / the erstwhile Medical Council of India (MCI)		
1.62 - DM (Critical Care Medicine)	Pass in MD / DNB General Medicine, Paediatrics, Emergency Medicine, Anaesthesia and Respiratory Medicine from an institution recognized by National Medical Council / the erstwhile Medical Council of India (MCI)		
1.44 - MCh Cardiothoracic Surgery 1.45 - MCh Neuro Surgery 1.46 - MCh Paediatric Surgery 1.47 - MCh Plastic & Reconstructive Surgery 1.48 - MCh Urology	Pass in MS / DNB (General Surgery) from an institution recognized by National Medical Council / the erstwhile Medical Council of India (MCI)		
1.63 - MCh (Hand Surgery)	Pass in MS / DNB Orthopaedics and General Surgery from an institution recognized by National Medical Council / the erstwhile Medical Council of India (MCI)		
1.64 - MCh (Paediatric Orthopedics)	Pass in MS / DNB Orthopaedics from an institution recognized by National Medical Council / the erstwhile Medical Council of India (MCI)		
1.65 - MCh (Reproductive Medicine & Surgery)	Pass in MD / MS / DNB Obstetrics & Gynaecology from an institution recognized by National Medical Council / the erstwhile Medical Council of India (MCI)		
Note: • Deemed University Counseling by Medical Counseling Committee (MCC): DM & MCh Programs • Visit <a href="http://www.manipal.edu/need">www.manipal.edu/need</a> for reporting instructions, after Seat allotment			

**Educational Qualification Details**

Mark cards of all years / semesters obtained from the recognized University

**Query Resolutions**

General Category: [admissions@manipal.edu](mailto:admissions@manipal.edu)

**Note**

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**Advisory**

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## 2022: Eligibility Criteria &amp; Admission Process

## POST MASTERS PROGRAMS (General / Foreign / NRI category)

Program Name	Qualification	Admission Process (General Category)	Admission Process (Foreign / NRI Category)
<b>Kasturba Medical College (KMC), Manipal</b>			
1.36 - MPhil Psychiatric Social Work	Pass in full time MSW (Social Work) from a recognized University, with minimum 55 % aggregate marks or equivalent	<ul style="list-style-type: none"> <li>Apply Online</li> <li>Department Test (DT)</li> <li>Personal Interview (PI)</li> <li>Merit list based on DT &amp; PI</li> <li>Provisional Admission Notice to shortlisted candidates</li> <li>Admission Formalities</li> </ul>	<ul style="list-style-type: none"> <li>Apply Online</li> <li>Department Test (DT)</li> <li>Personal Interview (PI)</li> <li>Merit list based on DT &amp; PI</li> <li>Provisional Admission Notice to shortlisted candidates</li> <li>Admission Formalities</li> </ul>
<b>Manipal College of Health Professions (MCHP), Manipal</b>			
8.54 - MPhil Clinical Psychology	Pass in MA Psychology or MSc Psychology from a recognized University, with minimum 55 % aggregate marks or equivalent	<ul style="list-style-type: none"> <li>Apply Online</li> <li>Manipal Entrance Test (MET)**</li> <li>Department Test (DT), Subject interview (SI), General Interview (GI)</li> <li>Merit List based on MET score, DT, SI and GI</li> <li>Provisional Admission Notice to shortlisted candidates</li> <li>Admission Formalities</li> <li>** - Center Based / Remote proctored Online Entrance Test based on the situation</li> </ul>	<ul style="list-style-type: none"> <li>Apply Online</li> <li>Manipal Entrance Test (MET)**</li> <li>Department Test (DT), Subject interview (SI), General Interview (GI)</li> <li>Merit List based on MET score, DT, SI and GI</li> <li>Provisional Admission Notice to shortlisted candidates</li> <li>Admission Formalities</li> <li>** - Center Based / Remote proctored Online Entrance Test based on the situation</li> </ul>
<b>Manipal Institute of Regenerative Medicine (MIRM), Bengaluru</b>			
14.03 - MPhil Stem Cell & Regenerative Biology	Pass in Master's Degree in any branch of Life Sciences / M Pharm / MBBS / MVSc / MDS / MD / or any other paramedical courses from a recognized University, with minimum 50 % aggregate marks or equivalent.	<ul style="list-style-type: none"> <li>Apply Online</li> <li>Department Test (DT)</li> <li>Merit list based on (DT) &amp; qualifying exam marks</li> <li>Provisional Admission Notice to selected candidates</li> <li>Admission Formalities</li> </ul>	<ul style="list-style-type: none"> <li>Apply online</li> <li>Submission of Eligibility documents*</li> <li>Admission Notice</li> <li>Fee Payment</li> <li>Issue of Provisional Admission Order</li> <li>Submission of final results</li> <li>Admission Order</li> </ul>

\*Documents to be uploaded after Online application submission

**Educational Qualification Details**

- Mark cards of all years / semesters obtained from the recognized University

**Proof of Foreign / NRI status Details**

- Foreign Nationals:** Passport copy of Candidate and Parent(s) i.e. pages containing the Personal and Address information
- NRI:** (1) Passport copy of Candidate and Parent i.e. pages containing the Personal and Address information (2) Resident VISA / Letter from the Embassy (of Parent)
- NRI Sponsored:** (1) Passport copy of the Sponsor i.e. pages containing the Personal and Address information (2) Proof of NRI Status i.e. Resident VISA / Letter from the Embassy (3) Notary affidavit from the Sponsor

**Query Resolutions**

- General Category: admissions@manipal.edu
- Foreign / NRI / NRI Sponsored: admissions@manipal.edu

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## 2022: Eligibility Criteria & Admission Process

### FELLOWSHIP PROGRAMS (General category)

Program Name	Duration	Qualification	Admission Process (General Category)
<b>Kasturba Medical College (KMC), Manipal</b>			
1.49 - Fellowship in Advanced Obstetric Ultra Sound	1 Year	Post Graduate Diploma or MS Obstetrics & Gynaecology, / Radiology, recognized by National Medical Commission (NMC) / the erstwhile Medical Council of India (MCI) (Minimum 2 years of Experience post PG but not more than 7 years after passing out of Post-graduation)	<ul style="list-style-type: none"> <li>Apply Online</li> <li>Department Test (DT) &amp; Personal Interview (PI)</li> <li>Merit List based on DT &amp; PI</li> <li>Provisional Admission notice to shortlisted candidates</li> <li>Admission Formalities</li> </ul>
1.50 – Fellowship in Diabetes	1 year	Pass with MD General Medicine / DNB (General Medicine), recognized by National Medical Commission (NMC) / the erstwhile Medical Council of India (MCI) (Age MUST be below 35 years)	<ul style="list-style-type: none"> <li>Apply Online</li> <li>Department Test (DT) &amp; Personal Interview (PI)</li> <li>Merit List based on DT &amp; PI</li> <li>Provisional Admission notice to shortlisted candidates</li> <li>Admission Formalities</li> </ul>
1.51 – Fellowship in Fetal Medicine	2 years	Pass with PG Diploma/MS Obstetrics & Gynaecology, / Radiology, recognized by National Medical Commission (NMC) / the erstwhile Medical Council of India (MCI) (Minimum 2 years of clinical practice after PG but not more than 7 years)	
1.52 – Fellowship in Gynecologic Oncology	1 year	Pass with MS Obstetrics & Gynaecology, recognized by National Medical Commission (NMC) / the erstwhile Medical Council of India (MCI) (Age MUST be below 40 years)	
1.53 – Fellowship in Hand and Microsurgery	1 year	Pass with MS/DNB (Orthopaedics) MS/ DNB (General Surgery), MCH/DNB (Plastic Surgery), recognized by National Medical Commission (NMC) / the erstwhile Medical Council of India (MCI)	<ul style="list-style-type: none"> <li>Apply Online</li> <li>Department Test (DT) &amp; Personal Interview (PI)</li> <li>Merit List based on DT &amp; PI</li> <li>Provisional Admission notice to shortlisted candidates</li> <li>Admission Formalities</li> </ul>
1.54 – Fellowship in Neonatology	1 Year	Pass with MS/DNB (Paediatrics), recognized by National Medical Commission (NMC) / the erstwhile Medical Council of India (MCI)	<ul style="list-style-type: none"> <li>Apply Online</li> <li>Department Test (DT) &amp; Personal Interview (PI)</li> <li>Merit List based on DT &amp; PI</li> <li>Provisional Admission notice to shortlisted candidates</li> <li>Admission Formalities</li> </ul>
1.55 – Fellowship in Neuroanaesthesia	1 year	Pass with MD Anaesthesiology recognized by National Medical Commission (NMC) / the erstwhile Medical Council of India (MCI)	<ul style="list-style-type: none"> <li>Apply Online</li> <li>Merit List based on qualifying examination marks</li> <li>Provisional Admission notice to shortlisted candidates</li> <li>Admission Formalities</li> </ul>
1.56 - Fellowship in Onco pathology	1 year	Pass in MD/DNB in Pathology or its equivalent, recognized by National Medical Commission (NMC) / the erstwhile Medical Council of India (MCI)	<ul style="list-style-type: none"> <li>Apply Online</li> <li>Department Test (DT) &amp; Personal Interview (PI)</li> <li>Merit List based on DT &amp; PI</li> <li>Provisional Admission notice to shortlisted candidates</li> <li>Admission Formalities</li> </ul>

## 2022: Eligibility Criteria & Admission Process

### FELLOWSHIP PROGRAMS (General category)

Program Name	Duration	Qualification	Admission Process (General Category)
1.57 - Fellowship in Onco - Surgery	1 year	Pass MCh / DNB Surgical Oncology / MS / DNB General Surgery, recognized by National Medical Commission (NMC) / the erstwhile Medical Council of India (MCI)	<ul style="list-style-type: none"> <li>Apply Online</li> <li>Personal Interview PI</li> <li>Merit List based on Personal Interview</li> <li>Provisional Admission notice to shortlisted candidates</li> <li>Admission Formalities</li> </ul>
1.58 – Fellowship in Pediatric Anaesthesia	1 year	Pass with MD Anaesthesiology / DNB Anaesthesiology, recognized by National Medical Commission (NMC) / the erstwhile Medical Council of India (MCI)	<ul style="list-style-type: none"> <li>Apply Online</li> <li>Personal Interview (PI)</li> <li>Merit List based on PI</li> <li>Provisional Admission notice to shortlisted candidates</li> <li>Admission Formalities</li> </ul>
1.59 – Fellowship in Pediatric Orthopaedics	1 year	Pass with MS Orthopaedics / DNB (Orthopaedics), recognized by National Medical Commission (NMC) / the erstwhile Medical Council of India (MCI)	<ul style="list-style-type: none"> <li>Apply Online</li> <li>Department Test (DT) &amp; Personal Interview (PI)</li> </ul>
1.60 – Fellowship in Reproductive Medicine	1 year	Pass with Diploma/ MS Obstetrics & Gynaecology, recognized by National Medical Commission (NMC) / the erstwhile Medical Council of India (MCI) (within 5 years of completion of Diploma or Degree)	<ul style="list-style-type: none"> <li>Merit List based on DT &amp; PI</li> <li>Provisional Admission notice to shortlisted candidates</li> <li>Admission Formalities</li> </ul>
1.61 - Fellowship in Skull Base and Head and Neck Surgery	1 year	Pass in MD/DNB in Pathology or its equivalent, recognized by National Medical Commission (NMC) / the erstwhile Medical Council of India (MCI)	<ul style="list-style-type: none"> <li>Apply Online</li> <li>Department Test (DT) &amp; Personal Interview (PI)</li> <li>Merit List based on DT &amp; PI</li> <li>Provisional Admission notice to shortlisted candidates</li> <li>Admission Formalities</li> </ul>
<b>Kasturba Medical College (KMC), Mangalore</b>			
2.44 – Fellowship in Geriatrics	1 year	Pass with MD General Medicine, recognized by National Medical Commission (NMC) / the erstwhile Medical Council of India (MCI)	<ul style="list-style-type: none"> <li>Apply Online</li> <li>Personal Interview (PI)</li> <li>Merit List based on PI</li> <li>Provisional Admission notice to shortlisted candidates</li> <li>Admission Formalities</li> </ul>
2.45 – Fellowship in Head and Neck Oncology	1 year	Pass with MS / DNB ENT / General Surgery, recognized by National Medical Commission (NMC) / the erstwhile Medical Council of India (MCI). Desirable :Work experience in Head and Neck Surgical Oncology	
2.46 – Fellowship in Infectious Diseases	1 year	Pass with MD Radiology / DNB Radiology, recognized by National Medical Commission (NMC) / the erstwhile Medical Council of India (MCI)	
2.48 – Fellowship in Pediatric Hematology and Oncology	1 year	Pass with MD Paediatrics / DNB Paediatrics, recognized by National Medical Commission (NMC) / the erstwhile Medical Council of India (MCI)	

## 2022: Eligibility Criteria & Admission Process

### FELLOWSHIP PROGRAMS (General category)

Program Name	Duration	Qualification	Admission Process (General Category)
<b>Manipal College of Dental Sciences (MCOADS), Mangalore</b>			
6.12 – Fellowship in Restorative Dentistry	1 year	Pass in BDS degree, recognized by Dental Council of India (DCI)	<ul style="list-style-type: none"> <li>• Apply Online</li> <li>• Merit List based on qualifying exam marks</li> <li>• Provisional Admission notice to shortlisted candidates</li> <li>• Admission Formalities</li> </ul>

#### Query Resolutions

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## 2022: Eligibility Criteria &amp; Admission Process

**LATERAL ENTRY PROGRAMS** (General / Foreign / NRI Category)

Program Name	Qualification	Admission Process (General Category)	Admission Process (Foreign / NRI Category)	
<b>Manipal College of Pharmaceutical Sciences (MCOPS), Manipal</b>				
Lateral Entry 7.02 - BPharm	Indian Boards	Pass in Diploma (Pharmacy) from an institution recognized by the Pharmacy Council of India (PCI)	<ul style="list-style-type: none"> <li>• Apply Online</li> <li>• Merit List based on qualifying exam marks</li> <li>• Provisional Admission notice to shortlisted candidates</li> <li>• Admission Formalities</li> </ul>	<i>Not Applicable</i>
<b>Manipal College of Health Professions (MCHP), Manipal &amp; Mangaluru Campus</b>				
Lateral Entry to 8.05 - B.Sc. (Anaesthesia and Operation Theater Technology) 8.08 - B.Sc. (Emergency Medical Technology) 8.11 - B.Sc. (Medical Imaging Technology) 8.12 - B.Sc. (Medical Laboratory Technology) 8.20 - B.Sc. (Respiratory Therapy)	Indian / International Boards / Universities	<ul style="list-style-type: none"> <li>• <b>BSc AOTT:</b> 2 years' diploma in Anaesthesia and Operation Theater Technology after 10+2 with 50% marks in aggregate in Diploma and at least 50% marks in Physics, Chemistry and Biology in 10+2</li> <li><b>OR</b></li> <li>3 years of Diploma in Anaesthesia and Operation Theater Technology after 10th with 50% marks in aggregate</li> <li>• <b>BSc EM:</b> 2 years' diploma in Emergency Medicine after 10+2 with 50% marks in aggregate in Diploma and at least 50% marks in Physics, Chemistry and Biology in 10+2</li> <li><b>OR</b></li> <li>3 years of Diploma in Emergency Medicine after 10th with 50% marks in aggregate</li> <li>• <b>BSc MIT:</b> 2 years' diploma in Medical Imaging Technology after 10+2 with 50% marks in aggregate in Diploma and at least 50% marks in Physics, Chemistry and Biology in 10+2</li> <li><b>OR</b></li> <li>3 years of Diploma in Medical Imaging Technology after 10th with 50% marks in aggregate</li> <li>• <b>BSc MLT:</b> 2 years' diploma in Medical Laboratory Technology after 10+2 with 50% marks in aggregate in Diploma and at least 50% marks in Physics, Chemistry and Biology in 10+2</li> <li><b>OR</b></li> <li>3 years of Diploma in Medical Laboratory Technology after 10th with 50% marks in aggregate</li> <li>• <b>BSc RT:</b> 2 years' diploma in Respiratory Therapy after 10+2 with 50% marks in aggregate in Diploma and at least 50% marks in Physics, Chemistry and Biology in 10+2</li> <li><b>OR</b></li> <li>3 years of Diploma in Respiratory Therapy after 10th with 50% marks in aggregate</li> </ul>	<ul style="list-style-type: none"> <li>• Apply Online</li> <li>• Merit List based on qualifying exam marks</li> <li>• Provisional Admission Notice to shortlisted candidates</li> <li>• Admission Formalities</li> </ul>	<ul style="list-style-type: none"> <li>• Apply online</li> <li>• Submission of Eligibility documents*</li> <li>• Admission Notice</li> <li>• Fee Payment</li> <li>• Issue of Provisional Admission Order</li> <li>• Submission of final results</li> <li>• Admission Order</li> </ul>

## 2022: Eligibility Criteria &amp; Admission Process

**LATERAL ENTRY PROGRAMS** (General / Foreign / NRI Category)

Program Name	Qualification	Admission Process (General Category)	Admission Process (Foreign / NRI Category)	
<b>Manipal Institute of Technology (MIT), Manipal, Bengaluru Campus</b>				
Lateral Entry to 16.01 – 16.19 , 16.01-16.19, 17.01 to 17.05 All BTech Programs	State Boards of Technical Education	Pass in 3-year Diploma (respective Engineering stream) granted by the State Board of Technical Examination with minimum 45% aggregate marks or equivalent Or Pass in BSc Degree, with Mathematics in 12th standard, from a recognized University with minimum 45% aggregate marks or equivalent	<ul style="list-style-type: none"> <li>• Apply Online</li> <li>• Merit List based on qualifying exam marks</li> <li>• Provisional Admission Notice to shortlisted candidates</li> <li>• Admission Formalities</li> </ul>	<i>Not Applicable</i>
<b>Department of Design (DOD), Manipal</b>				
Lateral Entry 21.01 - Bachelor of Design (Fashion Design)	State Boards	Pass with a 3 years Diploma in Fashion Design from a recognized Central or State government Board, with minimum 50 % aggregate marks or equivalent	<ul style="list-style-type: none"> <li>• Apply Online</li> <li>• Merit List based on qualifying exam marks</li> <li>• Provisional Admission Notice to shortlisted candidates</li> <li>• Admission Formalities</li> </ul>	<i>Not Applicable</i>
Lateral Entry 21.02 - Bachelor of Design (Interior Design)	State Boards	Pass with a 3-year Diploma in Interior Design / Architecture / Civil from a recognized Central or State government Board, with minimum 50 % aggregate marks or equivalent	<ul style="list-style-type: none"> <li>• Apply Online</li> <li>• Merit List based on qualifying exam marks</li> <li>• Provisional Admission Notice to shortlisted candidates</li> <li>• Admission Formalities</li> </ul>	<i>Not Applicable</i>

\*Documents to be uploaded after Online application submission

**Educational Qualification Details**

- Mark cards of all years / semesters obtained from the recognized University

**Proof of Foreign / NRI status Details**

- **Foreign Nationals:** Passport copy of Candidate and Parent(s) i.e. pages containing the Personal and Address information
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- **NRI Sponsored: (1)** Passport copy of the Sponsor i.e. pages containing the Personal and Address information (2) Proof of NRI Status i.e. Resident VISA / Letter from the Embassy (3) Notary affidavit from the Sponsor

**Query Resolutions**

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- Foreign / NRI / NRI Sponsored: intladm@manipal.edu

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## 2022: Eligibility Criteria &amp; Admission Process

## INTEGRATED PROGRAMS (IP) (General / Foreign / NRI Category)

Program Name	Qualification	Admission Process (General Category)	Admission Process (Foreign / NRI Category)
<b>Manipal Centre for Business Practice (MCBP) Manipal</b>			
24.02 - Integrated Program in Management (BA Foundations in Management - MBA)	Indian Boards	Pass in 10+2 or equivalent from a recognized Board, with minimum 50 % aggregate marks or equivalent	<ul style="list-style-type: none"> <li>• Apply Online</li> <li>• Submission of a Statement of Purpose (SOP)</li> <li>• Personal Interview (PI)</li> <li>• Merit list based on SOP &amp; PI</li> <li>• Provisional Admission notice to shortlisted candidates Admission formalities</li> </ul>
	A level	<ul style="list-style-type: none"> <li>• Minimum 2 / 3 subjects in the 'A' Levels and 5 Passes in the IGCSE / GCSE including English</li> <li>• Minimum requirement is an average of 'D' grade</li> </ul>	
	IB	IB Diploma or IB Certificate with 3 subjects at HL and 3 subjects at SL with overall minimum of 24 points	
<b>Manipal Centre for Natural Sciences (MCNS) Manipal</b>			
19.01 - Integrated M.Sc. - PhD	Pass in BSc (Physics / Electronics / Mathematics / Applied Mathematics / Computational Science / Geology or equivalent) / BE or BTech (Applied Physics / E & E / Vacuum Engineering / Cryogenic / Computation Science / Mechanical / Design / Instrumentation / Systems Engineering or equivalent) / BA (Mathematics / Applied Mathematics) from a recognized University with a minimum of 75% aggregate marks or equivalent	<ul style="list-style-type: none"> <li>• Apply Online</li> <li>• Department test (DT)</li> <li>• Personal Interview (PI)</li> <li>• Merit List based on DT &amp; PI</li> <li>• Provisional Admission Notice to shortlisted candidates</li> <li>• Admission Formalities</li> </ul>	<ul style="list-style-type: none"> <li>• Apply online</li> <li>• Submission of Eligibility documents*</li> <li>• Admission Notice</li> <li>• Fee Payment</li> <li>• Issue of Provisional Admission Order</li> <li>• Submission of final results</li> <li>• Admission Order</li> </ul>

**Indian Qualification Details**

- **Indian Boards:** Submission of Grade 11 and pre-board / prelims / model exam results of Grade 12 or completed Grade 12 results, for eligibility check
- **A Level:** Submission of IGCSE / GCSE and 'AS' level results + forecast / predicted or completed GCE 'A' level results, for eligibility check
- **International Baccalaureate (IB):** Submission of predicted or completed IB level results, for eligibility check #

**University of Cambridge GCE 'A' Levels / Edexcel GCE 'A' Levels / British Examining Bodies**

- Candidates who have completed 10th Grade of Indian Board and completed GCE Advanced Level ('A' Levels), should have minimum 3 subjects at GCE Advanced Level ('A' Levels) and English at the Advanced Subsidiary (AS) Level
- Candidates are advised to check the minimum grade requirements for registration in their respective countries

**\$ International Baccalaureate (IB) Diploma / (IB) Certificate**

- Candidate should have taken minimum 3 subjects in HL and 3 subjects in SL and an overall minimum of 24 points
- Candidate should have secured an average of 4 points in the required subjects as per the eligibility criteria
- Minimum point required in a subject is 3 or above

**Proof of Foreign / NRI status Details**

- **Foreign Nationals:** Passport copy of Candidate and Parent(s) i.e. pages containing the Personal and Address information (if available)
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**Query Resolutions**

- General Category: admissions@manipal.edu
- Foreign / NRI / NRI Sponsored: intladm@manipal.edu

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## 2022: Eligibility Criteria & Admission Process

### Diploma Programs (General Category)

Program Name	Qualification	Admission Process (General Category)
<b>Manipal College of Dental Sciences (MCOADS), Manipal &amp; Mangalore Campus</b>		
7.01 - Diploma in Pharmacy (DPharm)	Indian Boards	Pass in 10+2 / Intermediate exam in Science / First year of 3 year degree course in Science or equivalent from a recognized Board with Physics, Chemistry, Biology or Mathematics, in the qualifying exam or any other qualification approved by the Pharmacy Council of India (PCI) as equivalent to any of the above examination
	A level	<ul style="list-style-type: none"> <li>Physics, Chemistry and Biology or Mathematics in the 'A' Levels and English in the 'AS' Level / IGCSE / GCSE</li> <li>Minimum requirement is an average of 'D' grade in PCB / PCM</li> </ul>
	IB	<ul style="list-style-type: none"> <li>English, Physics, Chemistry and Biology or Mathematics</li> <li>IB Diploma or IB Certificate with Average of 4 points in PCB or PCM with an overall minimum of 24 points</li> <li>Minimum two Science subjects in HL</li> <li>Third Science subject and English can be at HL or SL</li> </ul>
		<ul style="list-style-type: none"> <li>Apply Online</li> <li>Merit List based on qualifying exam marks (PCB / PCM)</li> <li>Provisional Admission notice to shortlisted candidates</li> <li>Admission Formalities</li> </ul>

#### Query Resolutions

- General Category: admissions@manipal.edu

#### Note

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#### Advisory

- Candidates are deemed to have read and understood the Eligibility requirements & Admission Process
  - All admissions are subject to fulfillment of all the eligibility conditions by the candidate. It is the responsibility of the candidates to ensure that they fulfill all the eligibility requirements for the course(s) applied, at the time of Merit List Preparation / Counseling (online / offline) / 1st year fee payment / Orientation / (online / offline) Class commencement (as applicable). If it is found at a later stage, during active verification, that the candidate has given false information / qualification obtained from unrecognized Board / University or is found to have concealed some information regarding eligibility / deliberately delayed submission of marks / grade sheets inspite of multiple reminders, his / her admission will be cancelled without any notice and the paid fee will be forfeited.
- Mere inclusion in the MAHE Manipal merit list or call for MAHE Manipal counseling does NOT guarantee admission to a course.
  - All admissions are through merit and MAHE Manipal has NO agents or middlemen or consultants for admissions or related activities
- Jurisdiction for dispute (if any) shall be at Udupi court only.

## 2022: Eligibility Criteria &amp; Admission Process

## Post Graduate Diploma (PGD) Programs (General / Foreign / NRI Category)

Program Name	Duration	Qualification	Admission Process (General Category)	Admission Process (Foreign / NRI Category)
<b>Manipal College of Dental Sciences (MCODS), Manipal &amp; Mangaluru Campus</b>				
5.11, 6.11 - PG Diploma in Dental Materials	2 years	Pass with a BDS degree from an Institution recognized by Dental Council of India (DCI)	<ul style="list-style-type: none"> <li>Register, Appear and Qualify in NEET PG 2022</li> <li>Online Registration &amp; Choice Filling on MCC / KEA portal</li> <li>Online counseling &amp; Seat allotment by MCC / KEA</li> <li>Reporting to the Institute</li> <li>Admission Formalities</li> </ul>	<i>Not Applicable</i>
<b>Manipal School of Life Sciences (MSLS), Manipal</b>				
11.09 - PG Diploma Cellular & Molecular Diagnostics	1 year	Pass in Bachelor's Degree (BPharm / MBBS / BE or BTech (Biomedical / Biotechnology / Chemical) / Master's degree (Biotechnology / Biosciences / Agriculture / Veterinary Sciences / MPharm) from a recognized university, with minimum 50% aggregate or equivalent	<ul style="list-style-type: none"> <li>Register for Karnataka Biotechnology Aptitude Test (KBAT)</li> <li>Counseling &amp; Seat Allotment by Counseling Authority</li> <li>Reporting to the Institute</li> </ul>	<i>Not Applicable</i>
<b>Department of Commerce (DOC), Manipal</b>				
25.20 – PG Diploma in Logistics & Supply Chain	1 year	Pass with a Bachelor's degree in any discipline from a recognized university, with minimum 50 % aggregate marks or equivalent	<ul style="list-style-type: none"> <li>Apply Online</li> <li>Personal Interview (PI)</li> <li>Screening based on PI</li> <li>Provisional Admission notice to shortlisted candidates</li> <li>Admission Formalities</li> </ul>	<ul style="list-style-type: none"> <li>Apply online</li> <li>Submission of Eligibility documents*</li> <li>Admission Notice</li> <li>Fee Payment</li> <li>Issue of Provisional Admission Order</li> <li>Submission of original marks sheets</li> <li>Admission Order</li> </ul>
<b>Manipal Institute of Communication (MIC), Manipal</b>				
30.06 – PG Diploma in Corporate Communication	1 year	Pass with a Bachelor's degree (minimum 3 years) in any discipline from a recognized university, with minimum 50 % aggregate marks or equivalent	<ul style="list-style-type: none"> <li>Apply Online</li> <li>Submission of Eligibility documents</li> <li>Submission of Statement of Purpose (SOP)</li> <li>Personal Interview (PI)</li> <li>Merit List based on SOP &amp; PI</li> <li>Provisional Admission Notice to shortlisted candidates</li> <li>Admission Formalities</li> </ul>	<ul style="list-style-type: none"> <li>Apply online</li> <li>Submission of Eligibility documents*</li> <li>Admission Notice</li> <li>Fee Payment</li> <li>Issue of Provisional Admission Order</li> <li>Submission of final results</li> <li>Admission Order</li> </ul>
30.08 – PG Diploma in Sports Communication			<ul style="list-style-type: none"> <li>Apply Online</li> <li>Personal Interview (PI)</li> <li>Merit List based on qualifying exam marks &amp; PI</li> <li>Provisional Admission notice to shortlisted candidates</li> <li>Admission Formalities</li> </ul>	<i>Not applicable</i>

## 2022: Eligibility Criteria &amp; Admission Process

## Post Graduate Diploma (PGD) Programs (General / Foreign / NRI Category)

Program Name	Duration	Qualification	Admission Process (General Category)	Admission Process (Foreign / NRI Category)
30.07 – PG Diploma in Health Communication		Pass with a Bachelor's degree (minimum 3 years) in any discipline from a recognized university, with minimum 50 % aggregate marks or equivalent	<ul style="list-style-type: none"> <li>Apply Online</li> <li>Personal Interview (PI)</li> <li>Merit List based on qualifying exam marks &amp; PI</li> <li>Provisional Admission notice to shortlisted candidates</li> <li>Admission Formalities</li> </ul>	<ul style="list-style-type: none"> <li>Apply online</li> <li>Submission of Eligibility documents*</li> <li>Admission Notice</li> <li>Fee Payment</li> <li>Issue of Provisional Admission Order</li> <li>Submission of final results</li> <li>Admission Order</li> </ul>
<b>Dept of Philosophy (DOP), Manipal</b>				
34.03 – PG Diploma in Indian Philosophy	1 year	Pass with a Bachelors' Degree or equivalent (BA or Shastri or Vidvat Madhyama / MA or Acharya or Vidvat Uttama / Mphil or Vishishtacharya etc..) in any discipline from a 4ecognized University with a minimum of 50% aggregate marks or equivalent	<ul style="list-style-type: none"> <li>Apply Online</li> <li>Letter of Motivation (LOM) / Statement of Purpose (SOP)</li> <li>Submit Detailed CV</li> <li>Personal Interview (PI)</li> <li>Merit list based on LOM / SOP, CV and PI</li> <li>Provisional Admission notice to selected candidate</li> <li>Admission Formalities</li> </ul>	<ul style="list-style-type: none"> <li>Apply Online</li> <li>Letter of Motivation (LOM) / Statement of Purpose (SOP)</li> <li>Submit Detailed CV</li> <li>Personal Interview (PI)</li> <li>Merit list based on LOM / SOP, CV and PI</li> <li>Provisional Admission notice to selected candidate</li> <li>Admission Formalities</li> </ul>
34.04 – PG Diploma in Sanskrit Studies	1 year	Pass with a Bachelors' or equivalent (BA or Shastri or Vidvat Madhyama) degree in any discipline from a 4ecognized University/college with a minimum of 50% aggregate marks or equivalent	<ul style="list-style-type: none"> <li>Apply Online</li> <li>Letter of Motivation (LOM) / Statement of Purpose (SOP)</li> <li>Submit Detailed CV</li> <li>Personal Interview (PI)</li> <li>Merit list based on LOM / SOP, CV and PI</li> <li>Provisional Admission notice to selected candidate</li> <li>Admission Formalities</li> </ul>	<ul style="list-style-type: none"> <li>Merit list based on LOM / SOP, CV and PI</li> <li>Provisional Admission notice to selected candidate</li> <li>Admission Formalities</li> </ul>
<b>Manipal Centre for Business Practice (MCBP) Bengaluru</b>				
24.03 - PG Diploma in Analytical Consulting		<p>Pass with a Bachelor's degree in Engineering / Science / Arts / Commerce from a recognized University, with minimum of 50 % aggregate marks or equivalent</p> <p>An ideal participant would have 3 to 5 years of work experience and worked in at least 2 functional departments in an organization.</p>	<ul style="list-style-type: none"> <li>Apply Online</li> <li>Submit Statement of Purpose (SOP)</li> <li>Personal Interview (PI)</li> <li>Merit list based on SOP &amp; PI</li> <li>Provisional Admission Notice to selected candidates</li> <li>Admission Formalities</li> </ul>	<ul style="list-style-type: none"> <li>Apply online</li> <li>Submission of Eligibility documents*</li> <li>Admission Notice</li> <li>Fee Payment</li> <li>Issue of Provisional Admission Order</li> <li>Submission of final results</li> <li>Admission Order</li> </ul>

## 2022: Eligibility Criteria &amp; Admission Process

## Post Graduate Diploma (PGD) Programs (General / Foreign / NRI Category)

Program Name	Duration	Qualification	Admission Process (General Category)	Admission Process (Foreign / NRI Category)
24.04 – PG Diploma in General Management		<p>Pass with a Bachelor's degree in Engineering / Science / Arts / Commerce from a recognized University, with minimum of 50 % aggregate marks or equivalent</p> <p>An ideal participant would have 5 to 7 years of work experience and worked in at least 3 functional departments in an organization.</p>	<ul style="list-style-type: none"> <li>• Apply Online</li> <li>• Submit Statement of Purpose (SOP)</li> <li>• Personal Interview (PI) Merit list based on SOP &amp; PI</li> <li>• Provisional Admission Notice to selected candidates</li> <li>• Admission Formalities</li> </ul>	<ul style="list-style-type: none"> <li>• Apply online</li> <li>• Submission of Eligibility documents*</li> <li>• Admission Notice</li> <li>• Fee Payment</li> <li>• Issue of Provisional Admission Order</li> <li>• Submission of final results</li> <li>• Admission Order</li> </ul>

\*Documents to be uploaded after Online application submission

**Educational Qualification Details**

- Mark cards of all years / semesters obtained from the recognized University

**Proof of Foreign / NRI status Details**

- **Foreign Nationals:** Passport copy of Candidate and Parent(s) i.e. pages containing the Personal and Address information
- **NRI: (1)** Passport copy of Candidate and Parent i.e. pages containing the Personal and Address information (2) Resident VISA / Letter from the Embassy (of Parent)
- **NRI Sponsored: (1)** Passport copy of the Sponsor i.e. pages containing the Personal and Address information (2) Proof of NRI Status i.e. Resident VISA / Letter from the Embassy (3) Notary affidavit from the Sponsor

**Query Resolutions**

- General Category: admissions@manipal.edu
- Foreign / NRI / NRI Sponsored: admissions@manipal.edu

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## 2022: Eligibility Criteria &amp; Admission Process

## Advanced Post Graduate Diploma (PGD) Programs (General / Foreign / NRI Category)

Program Name	Duration	Qualification	Admission Process (General Category)	Admission Process (Foreign / NRI Category)
<b>Manipal Institute of Regenerative Medicine (MIRM), Bangalore</b>				
14.02 - Advanced Post Graduate Diploma Stem Cell & Regenerative Biology	1 year	Pass in Bachelor's Degree in Life Sciences / MBBS / BDS / BVSc / Allied Health Science / BE or BTech (Biomedical / Biotechnology) or any other professional graduate program with at least one subject of biological sciences from a recognized University, with minimum 60 % aggregate marks or equivalent.	<ul style="list-style-type: none"> <li>• Apply Online</li> <li>• Merit List based on qualifying exam marks</li> <li>• Provisional Admission notice to shortlisted candidates</li> <li>• Admission Formalities</li> </ul>	<ul style="list-style-type: none"> <li>• Apply online</li> <li>• Submission of Eligibility documents*</li> <li>• Admission Notice</li> <li>• Fee Payment</li> <li>• Issue of Provisional Admission Order</li> <li>• Submission of final results</li> <li>• Admission Order</li> </ul>

\*Documents to be uploaded after Online application submission

**Educational Qualification Details**

- Mark cards of all years / semesters obtained from the recognized University

**Proof of Foreign / NRI status Details**

- **Foreign Nationals:** Passport copy of Candidate and Parent(s) i.e. pages containing the Personal and Address information
- **NRI: (1)** Passport copy of Candidate and Parent i.e. pages containing the Personal and Address information (2) Resident VISA / Letter from the Embassy (of Parent)
- **NRI Sponsored: (1)** Passport copy of the Sponsor i.e. pages containing the Personal and Address information (2) Proof of NRI Status i.e. Resident VISA / Letter from the Embassy (3) Notary affidavit from the Sponsor

**Query Resolutions**

- General Category: admissions@manipal.edu
- Foreign / NRI / NRI Sponsored Category: admissions@manipal.edu

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## 2022: Eligibility Criteria &amp; Admission Process

**Certificate Programs (General Category)**

Program Name	Duration	Qualification	Admission Process (General Category)
<b>Centre for Integrative Medicine &amp; Research (CIMR), Manipal</b>			
4.03 - Certificate Course in Panchakarma Technician & Massage Therapist	1 year	Pass in 10+2 / A level / IB or equivalent, in any stream	<ul style="list-style-type: none"> <li>• Apply Online</li> <li>• Merit List based on qualifying exam marks</li> <li>• Admission Formalities</li> </ul>
<b>Department of Design (DOD), Manipal</b>			
21.05 - Certificate in Fashion Design	1 year	Pass in 10+2 or 3-year Diploma or equivalent from a recognized Board / University	<ul style="list-style-type: none"> <li>• Apply Online</li> <li>• Merit List based on qualifying exam marks</li> <li>• Admission Formalities</li> </ul>
<b>Manipal Institute of Communication (MIC), Manipal</b>			
30.09 - Certificate Course in Animation Technology	6 months	Pass in 10+2 / A level / IB or equivalent / 3-year Diploma in Engineering in any stream from State / Central Government AND Computer knowledge, proficiency in Mathematics and good communication skills	<ul style="list-style-type: none"> <li>• Apply Online</li> <li>• Merit List based on qualifying exam marks</li> <li>• Admission Formalities</li> </ul>
<b>Manipal College of Dental Sciences (MCODS), Mangaluru</b>			
6.13 - Forensic Odontology	6 months	Pass in BDS / MBBS / BSc (Biological Sciences) from a recognized university	<ul style="list-style-type: none"> <li>• Apply Online</li> <li>• Merit List based on qualifying exam marks</li> <li>• Admission Formalities</li> </ul>

**Query Resolutions**

- General Category: admissions@manipal.edu

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# Course Fees, Hostel Fees & Refund Rules



## COURSE FEES

## General Category

CODE	COURSE	Course Duration (m years)	Total # of fee installments (yearly)	Course Fee & Caution Deposit							2022-23 Batch Total Fee (₹) (including caution Deposit)		
				2022-23 Batch I Installment Fee (₹)	Caution Deposit (Refundable) (₹)	2022-23 Batch I Installment Total (₹)	2022-23 Batch II Installment Fee (₹)	2022-23 Batch III Installment Fee (₹)	2022-23 Batch IV Installment Fee (₹)	2022-23 Batch V Installment Fee (₹)			
<b>1</b>	<b>Kasturba Medical College (KMC), Manipal</b>												
	<b>Post Graduate Programs (09)</b>												
1.27	M.Sc. Clinical Embryology	2	2	6,26,000	10,000	6,36,000	6,26,000						12,62,000
1.28	M.Sc. Forensic Science	2	2	1,82,000	10,000	1,92,000	1,82,000						3,74,000
1.29	M.Sc. Genetic Counseling	2	2	99,000	5,000	1,04,000	99,000						2,03,000
1.30	M.Sc. Reproductive and Developmental Biology	2	2	2,40,000	10,000	2,50,000	2,40,000						4,90,000
1.31	M.Sc. (Medical) Anatomy	2	2	1,14,000	10,000	1,24,000	1,14,000						2,38,000
1.32	M.Sc. (Medical) Biochemistry	2	2	1,25,000	10,000	1,35,000	1,25,000						2,60,000
1.33	M.Sc. (Medical) Microbiology	2	2	1,25,000	10,000	1,35,000	1,25,000						2,60,000
1.34	M.Sc. (Medical) Pharmacology	2	2	1,14,000	10,000	1,24,000	1,14,000						2,38,000
1.35	M.Sc. (Medical) Physiology	2	2	1,14,000	10,000	1,24,000	1,14,000						2,38,000
	<b>Super Speciality Programs (01)</b>												
1.36	MPhil Psychiatric Social Work	2	2	1,10,000	10,000	1,20,000	1,10,000						2,30,000
<b>2</b>	<b>Kasturba Medical College, Mangalore</b>												
	<b>Under Graduate Programs (07)</b>												
2.22	Bachelor in Audiology & Speech Language Pathology (BASLP)	4	3	2,66,000	10,000	2,76,000	2,66,000	2,66,000					8,08,000
2.23	Bachelor of Physiotherapy - BPT	4.5	4	2,66,000	10,000	2,76,000	2,66,000	2,66,000	2,66,000				10,74,000
2.24	B.Sc. Cardiovascular Technology	4	3	2,66,000	10,000	2,76,000	2,66,000	2,66,000					8,08,000
2.25	B.Sc. Medical Imaging Technology	4	3	2,12,000	10,000	2,22,000	2,12,000	2,12,000					6,46,000
2.26	B.Sc. Radiotherapy Technology	4	3	1,82,000	10,000	1,92,000	1,82,000	1,82,000					5,56,000
2.27	B.Sc. Renal Replacement Therapy & Dialysis Technology	4	3	1,82,000	10,000	1,92,000	1,82,000	1,82,000					5,56,000
2.28	B.Sc. Respiratory Therapy	4	3	2,33,000	10,000	2,43,000	2,33,000	2,33,000					7,09,000
	<b>Post Graduate Programs (15)</b>												
2.29	MPT Cardiopulmonary Sciences	2	2	4,20,000	10,000	4,30,000	4,20,000						8,50,000
2.30	MPT Community Physiotherapy	2	2	4,20,000	10,000	4,30,000	4,20,000						8,50,000

## COURSE FEES

CODE	COURSE	Course Duration (m years)	Total # of fee installments (yearly)	Course Fee & Caution Deposit							General Category	
				2022-23 Batch I Installment Fee (₹)	Caution Deposit (Refundable) (₹)	2022-23 Batch I Installment Total (₹)	2022-23 Batch II Installment Fee (₹)	2022-23 Batch III Installment Fee (₹)	2022-23 Batch IV Installment Fee (₹)	2022-23 Batch V Installment Fee (₹)	2022-23 Batch Total Fee (₹) (including caution Deposit)	
				2022-23 Batch I Installment Fee (₹)	2022-23 Batch I Installment Fee (₹)	2022-23 Batch I Installment Fee (₹)	2022-23 Batch I Installment Fee (₹)	2022-23 Batch I Installment Fee (₹)	2022-23 Batch I Installment Fee (₹)	2022-23 Batch I Installment Fee (₹)		
2.31	MPT Geriatrics	2	2	4,20,000	10,000	4,30,000	4,20,000					8,50,000
2.32	MPT Musculoskeletal Sciences	2	2	4,20,000	10,000	4,30,000	4,20,000					8,50,000
2.33	MPT Neurosciences	2	2	4,20,000	10,000	4,30,000	4,20,000					8,50,000
2.34	MPT Obstetrics & Gynecology	2	2	4,20,000	10,000	4,30,000	4,20,000					8,50,000
2.35	MPT Paediatrics	2	2	4,20,000	10,000	4,30,000	4,20,000					8,50,000
2.36	M.Sc. Audiology	2	2	4,20,000	10,000	4,30,000	4,20,000					8,50,000
2.37	M.Sc. Clinical Psychology	2	2	3,53,000	10,000	3,63,000	3,53,000					7,16,000
2.38	M.Sc. Speech Language Pathology	2	2	4,20,000	10,000	4,30,000	4,20,000					8,50,000
2.39	M.Sc. (Medical) Anatomy	2	2	1,14,000	10,000	1,24,000	1,14,000					2,38,000
2.40	M.Sc. (Medical) Biochemistry	2	2	1,25,000	10,000	1,35,000	1,25,000					2,60,000
2.41	M.Sc. (Medical) Microbiology	2	2	1,25,000	10,000	1,35,000	1,25,000					2,60,000
2.42	M.Sc. (Medical) Pharmacology	2	2	1,14,000	10,000	1,24,000	1,14,000					2,38,000
2.43	M.Sc. (Medical) Physiology	2	2	1,14,000	10,000	1,24,000	1,14,000					2,38,000
<b>3</b>	<b>Manipal Tata Medical College, Jamshedpur</b>											
<b>Under Graduate Programs (07)</b>												
3.02	Bachelor of Optometry - B.Optom	4	3	2,02,000	10,000	2,12,000	2,02,000	2,02,000				6,16,000
3.03	B.Sc. Cardiovascular Technology	4	3	2,42,000	10,000	2,52,000	2,42,000	2,42,000				7,36,000
3.04	B.Sc. Exercise & Sports Sciences	3	3	1,73,000	10,000	1,83,000	1,73,000	1,73,000				5,29,000
3.05	B.Sc. Health Information Management	4	3	1,50,000	10,000	1,60,000	1,50,000	1,50,000				4,60,000
3.06	B.Sc. Medical Imaging Technology	4	3	2,02,000	10,000	2,12,000	2,02,000	2,02,000				6,16,000
3.07	B.Sc. Medical Laboratory Technology	4	3	1,15,000	10,000	1,25,000	1,15,000	1,15,000				3,55,000
3.08	B.Sc. Renal Replacement Therapy & Dialysis Technology	4	3	1,73,000	10,000	1,83,000	1,73,000	1,73,000				5,29,000
<b>4</b>	<b>Center for Integrative Medicine &amp; Research (CIMR), Manipal</b>											
<b>Division of Yoga</b>												
<b>Post Graduate Programs (01)</b>												
4.01	M.Sc. Yoga Therapy	2	2	58,000	5,000	63,000	58,000	58,000				1,21,000



## COURSE FEES

## General Category

CODE	COURSE	Course Duration (m years)	Total # of fee installments (yearly)	Course Fee & Caution Deposit					2022-23	
				2022-23 Batch I Installment Fee (₹)	Caution Deposit (Refundable) (₹)	2022-23 Batch I Installment Total (₹)	2022-23 Batch II Installment Fee (₹)	2022-23 Batch III Installment Fee (₹)	2022-23 Batch IV Installment Fee (₹)	2022-23 Batch V Installment Fee (₹)
<b>Division of Ayurveda</b>										
<b>Post Graduate Certificate Programs (01)</b>										
4.02	PG Certificate Panchakarma	6 mnt	1	50,000	-	50,000				50,000
<b>Certificate Programs (01)</b>										
4.03	Certificate Panchakarma Technician & Massage Therapist	1	1	13,000	-	13,000				13,000
<b>5 Manipal College of Dental Sciences (MCODS), Manipal</b>										
<b>Under Graduate Programs (01)</b>										
5.01	Bachelor of Dental Surgery (BDS)	5	4	6,90,000	10,000	7,00,000	6,90,000	6,90,000	6,90,000	27,70,000
<b>Post Graduate Programs (09)</b>										
5.02	MDS Conservative Dentistry and Endodontics	3	3	19,32,000	10,000	19,42,000	19,32,000	19,32,000		58,06,000
5.03	MDS Oral & Maxillofacial Pathology & Oral Microbiology	3	3	8,65,000	10,000	8,75,000	8,65,000	8,65,000		26,05,000
5.04	MDS Oral & Maxillofacial Surgery	3	3	17,64,000	10,000	17,74,000	17,64,000	17,64,000		53,02,000
5.05	MDS Oral Medicine & Radiology	3	3	8,65,000	10,000	8,75,000	8,65,000	8,65,000		26,05,000
5.06	MDS Orthodontics & Dentofacial Orthopaedics	3	3	19,32,000	10,000	19,42,000	19,32,000	19,32,000		58,06,000
5.07	MDS Paediatric & Preventive Dentistry	3	3	17,64,000	10,000	17,74,000	17,64,000	17,64,000		53,02,000
5.08	MDS Periodontology	3	3	11,50,000	10,000	11,60,000	11,50,000	11,50,000		34,60,000
5.09	MDS Prosthodontics & Crown & Bridge	3	3	19,32,000	10,000	19,42,000	19,32,000	19,32,000		58,06,000
5.10	MDS Public Health Dentistry	3	3	10,71,000	10,000	10,81,000	10,71,000	10,71,000		32,23,000
<b>Post Graduate Certificate Programs (03)</b>										
5.12	PG Certificate Aesthetic Dentistry	1	1	3,35,000	-	3,35,000				3,35,000
5.13	PG Certificate Laser Dentistry	6 mnt	1	1,65,000	-	1,65,000				1,65,000
5.14	PG Certificate Oral Implantology	1	1	4,42,000	-	4,42,000				4,42,000
<b>6 Manipal College of Dental Sciences, Mangalore</b>										
<b>Under Graduate Programs (01)</b>										
6.01	Bachelor of Dental Surgery (BDS)	5	4	6,90,000	10,000	7,00,000	6,90,000	6,90,000	6,90,000	27,70,000

## COURSE FEES

CODE	COURSE	Duration (m years)	Total # of fee installments (yearly)	General Category							
				Course Fee & Caution Deposit							2022-23 Batch Total Fee (₹) (including caution Deposit)
				2022-23 Batch I Installment Fee (₹)	Caution Deposit (Refundable) (₹)	2022-23 Batch I Installment Total (₹)	2022-23 Batch II Installment Fee (₹)	2022-23 Batch III Installment Fee (₹)	2022-23 Batch IV Installment Fee (₹)	2022-23 Batch V Installment Fee (₹)	
<b>Post Graduate Programs (09)</b>											
6.02	MDS Conservative Dentistry and Endodontics	3	3	19,32,000	10,000	19,42,000	19,32,000	19,32,000		58,06,000	
6.03	MDS Oral & Maxillofacial Pathology & Oral Microbiology	3	3	8,65,000	10,000	8,75,000	8,65,000	8,65,000		26,05,000	
6.04	MDS Oral & Maxillofacial Surgery	3	3	17,64,000	10,000	17,74,000	17,64,000	17,64,000		53,02,000	
6.05	MDS Oral Medicine & Radiology	3	3	8,65,000	10,000	8,75,000	8,65,000	8,65,000		26,05,000	
6.06	MDS Orthodontics & Dentofacial Orthopaedics	3	3	19,32,000	10,000	19,42,000	19,32,000	19,32,000		58,06,000	
6.07	MDS Paediatric & Preventive Dentistry	3	3	17,64,000	10,000	17,74,000	17,64,000	17,64,000		53,02,000	
6.08	MDS Periodontology	3	3	11,50,000	10,000	11,60,000	11,50,000	11,50,000		34,60,000	
6.09	MDS Prosthodontics & Crown & Bridge	3	3	19,32,000	10,000	19,42,000	19,32,000	19,32,000		58,06,000	
6.10	MDS Public Health Dentistry	3	3	10,71,000	10,000	10,81,000	10,71,000	10,71,000		32,23,000	
<b>Fellowship Programs (01)</b>											
6.12	Fellowship Restorative Dentistry	1	1	4,95,000	-	4,95,000				4,95,000	
<b>Certificate Programs (01)</b>											
6.13	Certificate Forensic Odontology	6 mnt	1	33,000	-	33,000				33,000	
<b>7 Manipal College of Pharmaceutical Sciences (MCOPS), Manipal</b>											
<b>Diploma Programs (01)</b>											
7.01	Diploma in Pharmacy (DPharm)	2	2	67,000	5,000	72,000	67,000			1,39,000	
<b>Under Graduate Programs (03)</b>											
7.02	Bachelor of Pharmacy (BPharm)	4	4	3,33,000	10,000	3,43,000	3,33,000	3,33,000	3,33,000	13,42,000	
7.02	Bachelor of Pharmacy (BPharm) - Lateral	3	3	3,33,000	10,000	3,43,000	3,33,000	3,33,000		10,09,000	
7.03	Doctor of Pharmacy (PharmD)	6	5	5,08,000	10,000	5,18,000	5,08,000	5,08,000	5,08,000	25,50,000	
<b>Post Graduate Programs (12)</b>											
7.04	MPharm Industrial Pharmacy	2	2	4,57,000	10,000	4,67,000	4,57,000			9,24,000	
7.05	MPharm Pharmaceutical Administration	2	2	4,44,000	10,000	4,54,000	4,44,000			8,98,000	

## COURSE FEES

## General Category

CODE	COURSE	Course Duration (in years)	Total # of fee installments (yearly)	Course Fee & Caution Deposit							2022-23 Batch Total Fee (₹) (including caution deposit)
				2022-23 Batch I Installment Fee (₹)	Caution Deposit (₹) (Refundable)	2022-23 Batch I Installment Total (₹)	2022-23 Batch II Installment Fee (₹)	2022-23 Batch III Installment Fee (₹)	2022-23 Batch IV Installment Fee (₹)	2022-23 Batch V Installment Fee (₹)	
7.06	MPharm Pharmaceutical Analysis	2	2	4,44,000	10,000	4,54,000	4,44,000				8,98,000
7.07	MPharm Pharmaceutical Biotechnology	2	2	4,26,000	10,000	4,36,000	4,26,000				8,62,000
7.08	MPharm Pharmaceutical Chemistry	2	2	4,26,000	10,000	4,36,000	4,26,000				8,62,000
7.09	MPharm Pharmaceutical Quality Assurance	2	2	4,57,000	10,000	4,67,000	4,57,000				9,24,000
7.10	MPharm Pharmaceutical Regulatory Affairs	2	2	4,57,000	10,000	4,67,000	4,57,000				9,24,000
7.11	MPharm Pharmaceutics	2	2	4,57,000	10,000	4,67,000	4,57,000				9,24,000
7.12	MPharm Pharmacognosy	2	2	4,26,000	10,000	4,36,000	4,26,000				8,62,000
7.13	MPharm Pharmacology	2	2	4,57,000	10,000	4,67,000	4,57,000				9,24,000
7.14	MPharm Pharmacy Practice	2	2	4,26,000	10,000	4,36,000	4,26,000				8,62,000
7.15	PharmD Post Baccalaureate	3	2	4,95,000	10,000	5,05,000	4,95,000				10,00,000
8	<b>Manipal College of Health Professions (MCHP), Manipal</b>										
Under Graduate Programs (22)											
8.01	Bachelor in Audiology & Speech Language Pathology (BASLP)	4	3	2,66,000	10,000	2,76,000	2,66,000	2,66,000			8,08,000
8.02	Bachelor of Occupational Therapy - BOT	4.5	4	2,66,000	10,000	2,76,000	2,66,000	2,66,000	2,66,000		10,74,000
8.03	Bachelor of Optometry - B.Optom	4	3	2,12,000	10,000	2,22,000	2,12,000	2,12,000			6,46,000
8.04	Bachelor of Physiotherapy - BPT	4.5	4	2,66,000	10,000	2,76,000	2,66,000	2,66,000	2,66,000		10,74,000
8.05	B.Sc.Anaesthesia & Operation Theatre Technology	4	3	1,83,000	10,000	1,93,000	1,83,000	1,83,000			5,59,000
8.06	B.Sc.Cardiovascular Technology	4	3	2,66,000	10,000	2,76,000	2,66,000	2,66,000			8,08,000
8.07	B.Sc.Clinical Nutrition & Dietetics	4	3	1,21,000	10,000	1,31,000	1,21,000	1,21,000	1,21,000		3,73,000
8.08	B.Sc.Emergency Medical Technology	4	3	1,91,000	10,000	2,01,000	1,91,000	1,91,000			5,83,000
8.09	B.Sc.Exercise & Sports Sciences	3	3	1,82,000	10,000	1,92,000	1,82,000	1,82,000			5,56,000
8.09	B.Sc.(Hons) Exercise & Sports Sciences	4	4	1,82,000	10,000	1,92,000	1,82,000	1,82,000	1,82,000		7,38,000
8.10	B.Sc.Health Information Management	4	3	1,58,000	10,000	1,68,000	1,58,000	1,58,000			4,84,000
8.11	B.Sc.Medical Imaging Technology	4	3	2,12,000	10,000	2,22,000	2,12,000	2,12,000			6,46,000
8.12	B.Sc.Medical Laboratory Technology	4	3	1,21,000	10,000	1,31,000	1,21,000	1,21,000	1,21,000		3,73,000

## COURSE FEES

CODE	COURSE	Course Duration (m years)	Total # of fee installments (yearly)	Course Fee & Caution Deposit							General Category	
				2022-23 Batch I Installment Fee (₹)	Caution Deposit (Refundable)	2022-23 Batch I Installment Total (₹)	2022-23 Batch II Installment Fee (₹)	2022-23 Batch III Installment Fee (₹)	2022-23 Batch IV Installment Fee (₹)	2022-23 Batch V Installment Fee (₹)	2022-23 Batch Total Fee (₹) (including caution Deposit)	
				2022-23 Batch I Installment Fee (₹)	2022-23 Batch I Installment Fee (₹)	2022-23 Batch I Installment Fee (₹)	2022-23 Batch I Installment Fee (₹)	2022-23 Batch I Installment Fee (₹)	2022-23 Batch I Installment Fee (₹)	2022-23 Batch I Installment Fee (₹)		
8.13	B.Sc.Nuclear Medicine Technology	4	3	2,66,000	10,000	2,76,000	2,66,000	2,66,000				8,08,000
8.14	B.Sc.Perfusion Technology	4	3	1,82,000	10,000	1,92,000	1,82,000	1,82,000				5,56,000
8.15	B.Sc.Physician Assistant	4	3	1,58,000	10,000	1,68,000	1,58,000	1,58,000				4,84,000
8.16	B.Sc.Prosthetics & Orthotics	4.5	4	1,58,000	10,000	1,68,000	1,58,000	1,58,000	1,58,000			6,42,000
8.17	B.Sc.Psychology	3	3	2,00,000	10,000	2,10,000	2,00,000	2,00,000				6,10,000
8.17	B.Sc.(Hons) Psychology	4	4	2,00,000	10,000	2,10,000	2,00,000	2,00,000	2,00,000			8,10,000
8.18	B.Sc.Radiotherapy Technology	4	3	1,82,000	10,000	1,92,000	1,82,000	1,82,000				5,56,000
8.19	B.Sc.Renal Replacement Therapy & Dialysis Technology	4	3	1,82,000	10,000	1,92,000	1,82,000	1,82,000				5,56,000
8.20	B.Sc.Respiratory Therapy	4	3	2,33,000	10,000	2,43,000	2,33,000	2,33,000				7,09,000
Post Graduate Programs (33)												
8.21	MOT Developmental Disabilities	2	2	3,05,000	10,000	3,15,000	3,05,000	3,05,000				6,20,000
8.22	MOT Hand & Musculoskeletal Conditions	2	2	3,05,000	10,000	3,15,000	3,05,000	3,05,000				6,20,000
8.23	MOT Mental Health & Psychosocial Rehabilitation	2	2	3,05,000	10,000	3,15,000	3,05,000	3,05,000				6,20,000
8.24	MOT Neuro Rehabilitation	2	2	3,05,000	10,000	3,15,000	3,05,000	3,05,000				6,20,000
8.25	Master of Optometry	2	2	3,00,000	10,000	3,10,000	3,00,000	3,00,000				6,10,000
8.26	MPT Cardiopulmonary Sciences	2	2	4,20,000	10,000	4,30,000	4,20,000	4,20,000				8,50,000
8.27	MPT Community Physiotherapy	2	2	4,20,000	10,000	4,30,000	4,20,000	4,20,000				8,50,000
8.28	MPT Geriatrics	2	2	4,20,000	10,000	4,30,000	4,20,000	4,20,000				8,50,000
8.29	MPT Musculoskeletal Sciences	2	2	4,20,000	10,000	4,30,000	4,20,000	4,20,000				8,50,000
8.30	MPT Neurosciences	2	2	4,20,000	10,000	4,30,000	4,20,000	4,20,000				8,50,000
8.31	MPT Obstetrics & Gynaecology	2	2	4,20,000	10,000	4,30,000	4,20,000	4,20,000				8,50,000
8.32	MPT Paediatrics	2	2	4,20,000	10,000	4,30,000	4,20,000	4,20,000				8,50,000
8.33	M.Sc. Anaesthesia & Operation Theatre Technology	2	2	2,17,000	10,000	2,27,000	2,17,000	2,17,000				4,44,000
8.34	M.Sc. Audiology	2	2	4,20,000	10,000	4,30,000	4,20,000	4,20,000				8,50,000

## COURSE FEES

CODE	COURSE	Course Duration (in years)	Total # of fee installments (yearly)	General Category								
				Course Fee & Caution Deposit						2022-23 Batch Total Fee (₹) (including caution Deposit)		
				2022-23 Batch I Installment Fee (₹)	Caution Deposit (Refundable) (₹)	2022-23 Batch I Installment Total (₹)	2022-23 Batch II Installment Fee (₹)	2022-23 Batch III Installment Fee (₹)	2022-23 Batch IV Installment Fee (₹)		2022-23 Batch V Installment Fee (₹)	
8.35	M.Sc. Cardiac Catheterization & Intervention Technology	2	2	3,15,000	10,000	3,25,000	3,15,000					6,40,000
8.36	M.Sc. Clinical Psychology	2	2	3,53,000	10,000	3,63,000	3,53,000					7,16,000
8.37	M.Sc. Echocardiography	2	2	2,66,000	10,000	2,76,000	2,66,000					5,42,000
8.38	M.Sc. Emergency Medical Technology	2	2	2,17,000	10,000	2,27,000	2,17,000					4,44,000
8.39	M.Sc. Exercise & Sports Sciences	2	2	2,20,000	10,000	2,30,000	2,20,000					4,50,000
8.40	M.Sc. Health Informatics (Healthcare IT Management)	2	2	1,85,000	10,000	1,95,000	1,85,000					3,80,000
8.41	M.Sc. Health Information Management	2	2	1,85,000	10,000	1,95,000	1,85,000					3,80,000
8.42	M.Sc. Medical Imaging Technology	2	2	3,23,000	10,000	3,33,000	3,23,000					6,56,000
8.43	M.Sc. Medical Radiation Physics	2	2	2,20,000	10,000	2,30,000	2,20,000					4,50,000
8.44	M.Sc. Nuclear Medicine Technology	2	2	2,66,000	10,000	2,76,000	2,66,000					5,42,000
8.45	M.Sc. Perfusion Technology	2	2	2,20,000	10,000	2,30,000	2,20,000					4,50,000
8.46	M.Sc. Renal Replacement Therapy & Dialysis Technology	2	2	2,77,000	10,000	2,87,000	2,77,000					5,64,000
8.47	M.Sc. Speech Language Pathology	2	2	4,20,000	10,000	4,30,000	4,20,000					8,50,000
8.48	M.Sc. MLT Clinical Biochemistry	2	2	2,17,000	10,000	2,27,000	2,17,000					4,44,000
8.49	M.Sc. MLT Haematology & Immunohaematology	2	2	2,17,000	10,000	2,27,000	2,17,000					4,44,000
8.50	M.Sc. MLT Microbiology & Immunology	2	2	2,17,000	10,000	2,27,000	2,17,000					4,44,000
8.51	M.Sc. MLT Public Health Laboratory Science	2	2	2,17,000	10,000	2,27,000	2,17,000					4,44,000
8.52	M.Sc. RT Adult Respiratory Care	2	2	2,42,000	10,000	2,52,000	2,42,000					4,94,000
8.53	M.Sc. RT Neonatal & Paediatric Respiratory Care	2	2	2,42,000	10,000	2,52,000	2,42,000					4,94,000
<b>Super Speciality Programs (01)</b>												
8.54	MPhil Clinical Psychology	2	2	3,33,000	10,000	3,43,000	3,33,000					6,76,000



## COURSE FEES

CODE	COURSE	Course Duration (in years)	Total # of fee installments (yearly)	General Category																	
				Course Fee & Caution Deposit							2022-23 Batch Total Fee (₹) (including caution Deposit)										
				2022-23 Batch I Installment Fee (₹)	Caution Deposit (Refundable) (₹)	2022-23 Batch I Installment Total (₹)	2022-23 Batch II Installment Fee (₹)	2022-23 Batch III Installment Fee (₹)	2022-23 Batch IV Installment Fee (₹)	2022-23 Batch V Installment Fee (₹)											
<b>9</b>	<b>Manipal Hospital Bengaluru</b>																				
	<b>Post Graduate Programs (12)</b>																				
9.01	MPT Cardiopulmonary Sciences	2	2	4,20,000	10,000	4,30,000	4,20,000	4,20,000												8,50,000	
9.02	MPT Musculoskeletal Sciences	2	2	4,20,000	10,000	4,30,000	4,20,000	4,20,000													8,50,000
9.03	MPT Neurosciences	2	2	4,20,000	10,000	4,30,000	4,20,000	4,20,000													8,50,000
9.04	MPT Paediatrics	2	2	4,20,000	10,000	4,30,000	4,20,000	4,20,000													8,50,000
9.05	M.Sc. Cardiac Catheterization & Interventional Technology	2	2	3,15,000	10,000	3,25,000	3,15,000	3,15,000													6,40,000
9.06	M.Sc. Clinical Psychology	2	2	3,53,000	10,000	3,63,000	3,53,000	3,53,000													7,16,000
9.07	M.Sc. Echocardiography	2	2	2,66,000	10,000	2,76,000	2,66,000	2,66,000													5,42,000
9.08	M.Sc. Medical Imaging Technology	2	2	3,23,000	10,000	3,33,000	3,23,000	3,23,000													6,56,000
9.09	M.Sc. Renal Replacement Therapy & Dialysis Technology	2	2	2,77,000	10,000	2,87,000	2,77,000	2,77,000													5,64,000
9.10	M.Sc. MLT Clinical Biochemistry	2	2	2,17,000	10,000	2,27,000	2,17,000	2,17,000													4,44,000
9.11	M.Sc. MLT Haematology & Immunohaematology	2	2	2,17,000	10,000	2,27,000	2,17,000	2,17,000													4,44,000
9.12	M.Sc. MLT Microbiology & Immunology	2	2	2,17,000	10,000	2,27,000	2,17,000	2,17,000													4,44,000
<b>10</b>	<b>Manipal College of Nursing, Manipal</b>																				
	<b>Under Graduate Programs (02)</b>																				
10.01	B.Sc.Nursing	4	4	1,67,000	10,000	1,77,000	1,67,000	1,67,000	1,67,000												6,78,000
10.02	Post Basic B.Sc.Nursing	2	2	1,05,000	10,000	1,15,000	1,05,000	1,05,000													2,20,000
	<b>Post Graduate Programs (06)</b>																				
10.03	M.Sc. Child Health (Paediatric Nursing)	2	2	1,65,000	10,000	1,75,000	1,65,000	1,65,000													3,40,000
10.04	M.Sc. Community Health Nursing	2	2	1,65,000	10,000	1,75,000	1,65,000	1,65,000													3,40,000
10.05	M.Sc. Medical Surgical Nursing	2	2	1,65,000	10,000	1,75,000	1,65,000	1,65,000													3,40,000
10.06	M.Sc. Obstetrics & Gynaecology Nursing	2	2	1,65,000	10,000	1,75,000	1,65,000	1,65,000													3,40,000

## COURSE FEES

CODE	COURSE	Duration (m years)	Total # of fee installments (yearly)	Course Fee & Caution Deposit							General Category		
				2022-23 Batch I Installment Fee (₹)	Caution Deposit (Refundable) (₹)	2022-23 Batch I Installment Total (₹)	2022-23 Batch II Installment Fee (₹)	2022-23 Batch III Installment Fee (₹)	2022-23 Batch IV Installment Fee (₹)	2022-23 Batch V Installment Fee (₹)	2022-23 Batch Total Fee (₹) (including caution Deposit)		
				2022-23 Batch I Installment Fee (₹)	2022-23 Batch I Installment Fee (₹)	2022-23 Batch I Installment Fee (₹)	2022-23 Batch II Installment Fee (₹)	2022-23 Batch III Installment Fee (₹)	2022-23 Batch IV Installment Fee (₹)	2022-23 Batch V Installment Fee (₹)	2022-23 Batch Total Fee (₹) (including caution Deposit)		
10.07	M.Sc. Psychiatric (Mental Health) Nursing	2	2	1,65,000	10,000	1,75,000	1,65,000						3,40,000
10.08	Nurse Practitioner Critical Care Postgraduate Residency Program	2	2	1,65,000	10,000	1,75,000	1,65,000						3,40,000
<b>11</b>	<b>Manipal School of Life Sciences (MSLS), Manipal</b>												
	<b>Under Graduate Programs (02)</b>												
11.01	B.Sc. Biotechnology	3	3	1,52,000	10,000	1,62,000	1,52,000	1,52,000	1,52,000				4,66,000
11.01	B.Sc. (Hons) Biotechnology	4	4	1,52,000	10,000	1,62,000	1,52,000	1,52,000	1,52,000	1,52,000			6,18,000
	<b>Post Graduate Programs (07)</b>												
11.02	M.Sc. Bioinformatics	2	2	1,67,000	10,000	1,77,000	1,67,000						3,44,000
11.03	M.Sc. Genome Engineering	2	2	2,92,000	10,000	3,02,000	2,92,000						5,94,000
11.04	M.Sc. Medical Biotechnology	2	2	2,92,000	10,000	3,02,000	2,92,000						5,94,000
11.05	M.Sc. Molecular Biology & Human Genetics	2	2	2,92,000	10,000	3,02,000	2,92,000						5,94,000
11.06	M.Sc. Systems Biology	2	2	2,42,000	10,000	2,52,000	2,42,000						4,94,000
11.07	M.Sc. Tissue Engineering	2	2	2,92,000	10,000	3,02,000	2,92,000						5,94,000
11.08	M.Sc. by Research in Life Sciences	2	2	2,92,000	10,000	3,02,000	2,92,000						5,94,000
	<b>Post Graduate Diploma Programs (01)</b>												
11.09	PG Diploma Cellular & Molecular Diagnostics	1	1	50,000	-	50,000							50,000
<b>12</b>	<b>Prasanna School of Public Health (PSPH), Manipal</b>												
	<b>Post Graduate Programs (12)</b>												
12.01	Master of Hospital Administration	2	2	2,22,000	10,000	2,32,000	2,22,000						4,54,000
12.02	MPH Environment & Occupational Health	2	2	1,69,000	10,000	1,79,000	1,69,000						3,48,000
12.03	MPH Epidemiology	2	2	1,69,000	10,000	1,79,000	1,69,000						3,48,000
12.04	MPH Global Health	2	2	1,69,000	10,000	1,79,000	1,69,000						3,48,000
12.05	MPH Health Policy	2	2	1,69,000	10,000	1,79,000	1,69,000						3,48,000
12.06	MPH Maternal & Child Health	2	2	1,69,000	10,000	1,79,000	1,69,000						3,48,000

## COURSE FEES

## General Category

CODE	COURSE	Duration (in years)	Total # of fee installments (yearly)	Course Fee & Caution Deposit							2022-23 Batch Total Fee (₹) (including caution Deposit)
				2022-23 Batch I Installment Fee (₹)	Caution Deposit (Refundable) (₹)	2022-23 Batch I Installment Total (₹)	2022-23 Batch II Installment Fee (₹)	2022-23 Batch III Installment Fee (₹)	2022-23 Batch IV Installment Fee (₹)	2022-23 Batch V Installment Fee (₹)	
12.07	M.Sc. Biostatistics	2	2	1,30,000	10,000	1,40,000	1,30,000				2,70,000
12.08	M.Sc. Data Science	2	2	1,76,000	10,000	1,86,000	1,76,000				3,62,000
12.09	M.Sc. Digital Epidemiology	2	2	1,82,000	10,000	1,92,000	1,82,000				3,74,000
12.10	MSW Community Development	2	2	92,000	5,000	97,000	92,000				1,89,000
12.11	MSW Human Resource Management & Industrial Relations	2	2	92,000	5,000	97,000	92,000				1,89,000
12.12	MSW Medical and Psychiatric Social Work	2	2	92,000	5,000	97,000	92,000				1,89,000
Certificate (01)											
12.13	Certificate Leadership in Public Health	1	1	1,21,000	-	1,21,000					1,21,000
<b>13</b>	<b>Manipal Institute of Virology (MIV), Manipal</b>										
Post Graduate Programs (01)											
13.01	M.Sc. Clinical Virology	2	2	1,80,000	10,000	1,90,000	1,80,000				3,70,000
<b>14</b>	<b>Manipal Institute of Regenerative Medicine (MIIRM), Bangalore</b>										
Post Graduate Programs (01)											
14.01	M.Sc. Stem Cell Technology & Regenerative Biology	2	2	3,41,000	10,000	3,51,000	3,41,000				6,92,000
Post Graduate Diploma Programs (01)											
14.02	Advanced PG Diploma Stem Cell & Regenerative Biology	1	1	2,59,000	-	2,59,000					2,59,000
Super Speciality Programs (01)											
14.03	MPhil Stem Cell Technology & Regenerative Biology	1	1	4,95,000	-	4,95,000					4,95,000
<b>15</b>	<b>Manipal Center for Biotherapeutics Research</b>										
Post Graduate Programs (01)											
15.01	M.Sc. by Research in Biotherapeutics	2	2	2,70,000	10,000	2,80,000	2,70,000				5,50,000
<b>16</b>	<b>Manipal Institute of Technology, Manipal</b>										
Under Graduate Programs (36)											
16.01	B.Tech Aeronautical Engg	4	4	3,25,000	10,000	3,35,000	4,31,000	4,30,000			16,26,000
16.01	B.Tech Aeronautical Engg - Lateral	3	3	4,25,000	10,000	4,35,000	4,25,000	4,25,000			12,85,000

## COURSE FEES

CODE	COURSE	Course Duration (m years)	Total # of fee installments (yearly)	Course Fee & Caution Deposit							General Category	
				2022-23 Batch I Installment Fee (₹)	Caution Deposit (Refundable) (₹)	2022-23 Batch I Installment Total (₹)	2022-23 Batch II Installment Fee (₹)	2022-23 Batch III Installment Fee (₹)	2022-23 Batch IV Installment Fee (₹)	2022-23 Batch V Installment Fee (₹)	2022-23 Batch Total Fee (₹) (including caution Deposit)	
16.02	B.Tech Automobile Engg	4	4	3,25,000	10,000	3,35,000	4,31,000	4,30,000	4,30,000	4,30,000	-	16,26,000
16.02	B.Tech Automobile Engg - Lateral	3	3	4,25,000	10,000	4,35,000	4,25,000	4,25,000	4,25,000	-	-	12,85,000
16.03	B.Tech Biomedical Engg	4	4	3,25,000	10,000	3,35,000	3,25,000	3,25,000	3,25,000	3,25,000	-	13,10,000
16.03	B.Tech Biomedical Engg - Lateral	3	3	3,25,000	10,000	3,35,000	3,25,000	3,25,000	3,25,000	-	-	9,85,000
16.04	B.Tech Biotechnology	4	4	3,25,000	10,000	3,35,000	3,25,000	3,25,000	3,25,000	3,25,000	-	13,10,000
16.04	B.Tech Biotechnology - Lateral	3	3	3,25,000	10,000	3,35,000	3,25,000	3,25,000	3,25,000	-	-	9,85,000
16.05	B.Tech Chemical Engg	4	4	3,25,000	10,000	3,35,000	4,31,000	4,30,000	4,30,000	4,30,000	-	16,26,000
16.05	B.Tech Chemical Engg - Lateral	3	3	4,25,000	10,000	4,35,000	4,25,000	4,25,000	4,25,000	-	-	12,85,000
16.06	B.Tech Civil Engg	4	4	3,25,000	10,000	3,35,000	4,31,000	4,30,000	4,30,000	4,30,000	-	16,26,000
16.06	B.Tech Civil Engg - Lateral	3	3	4,25,000	10,000	4,35,000	4,25,000	4,25,000	4,25,000	-	-	12,85,000
16.07	B.Tech Computer & Communication Engg	4	4	3,25,000	10,000	3,35,000	5,09,000	5,09,000	5,09,000	5,09,000	-	18,62,000
16.07	B.Tech Computer & Communication Engg - Lateral	3	3	5,04,000	10,000	5,14,000	5,04,000	5,04,000	5,04,000	-	-	15,22,000
16.08	B.Tech Computer Science & Engg	4	4	3,25,000	10,000	3,35,000	5,09,000	5,09,000	5,09,000	5,09,000	-	18,62,000
16.08	B.Tech Computer Science & Engg - Lateral	3	3	5,04,000	10,000	5,14,000	5,04,000	5,04,000	5,04,000	-	-	15,22,000
16.09	B.Tech Computer Science & Engg (Artificial Intelligence & Machine Learning)	4	4	3,25,000	10,000	3,35,000	5,09,000	5,09,000	5,09,000	5,09,000	-	18,62,000
16.09	B.Tech Computer Science & Engg (Artificial Intelligence & Machine Learning) - Lateral	3	3	5,09,000	10,000	5,19,000	5,09,000	5,09,000	5,09,000	-	-	15,37,000
16.10	B.Tech Cyber Physical Systems	4	4	3,25,000	10,000	3,35,000	4,52,000	4,52,000	4,52,000	4,52,000	-	16,91,000
16.11	B.Tech Data Science & Engg	4	4	3,25,000	10,000	3,35,000	5,09,000	5,09,000	5,09,000	5,09,000	-	18,62,000
16.11	B.Tech Data Science & Engg - Lateral	3	3	5,09,000	10,000	5,19,000	5,09,000	5,09,000	5,09,000	-	-	15,37,000
16.12	B.Tech Electrical & Electronics Engg	4	4	3,25,000	10,000	3,35,000	4,52,000	4,52,000	4,52,000	4,52,000	-	16,91,000
16.12	B.Tech Electrical & Electronics Engg - Lateral	3	3	4,42,000	10,000	4,52,000	4,42,000	4,42,000	4,42,000	-	-	13,36,000

## COURSE FEES

CODE	COURSE	Course Duration (m years)	Total # of fee installments (yearly)	Course Fee & Caution Deposit							General Category	
				2022-23 Batch I Installment Fee (₹)	Caution Deposit (Refundable)	2022-23 Batch I Installment Total (₹)	2022-23 Batch II Installment Fee (₹)	2022-23 Batch III Installment Fee (₹)	2022-23 Batch IV Installment Fee (₹)	2022-23 Batch V Installment Fee (₹)	2022-23 Batch Total Fee (₹) (including caution Deposit)	
				2022-23 Batch I Installment Fee (₹)	2022-23 Batch I Installment Fee (₹)	2022-23 Batch I Installment Fee (₹)	2022-23 Batch I Installment Fee (₹)	2022-23 Batch I Installment Fee (₹)	2022-23 Batch I Installment Fee (₹)	2022-23 Batch I Installment Fee (₹)		
16.13	B.Tech Electronics & Communication Engg	4	4	3,25,000	10,000	3,35,000	5,09,000	5,09,000	5,09,000	5,09,000	-	18,62,000
16.13	B.Tech Electronics & Communication Engg - Lateral	3	3	5,04,000	10,000	5,14,000	5,04,000	5,04,000	-	-	-	15,22,000
16.14	B.Tech Electronics & Instrumentation Engg	4	4	3,25,000	10,000	3,35,000	3,25,000	3,25,000	3,25,000	3,25,000	-	13,10,000
16.14	B.Tech Electronics & Instrumentation Engg - Lateral	3	3	3,25,000	10,000	3,35,000	3,25,000	3,25,000	-	-	-	9,85,000
16.15	B.Tech Industrial Engg	4	4	3,25,000	10,000	3,35,000	3,25,000	3,25,000	3,25,000	3,25,000	-	13,10,000
16.15	B.Tech Industrial & Production Engg - Lateral	3	3	3,25,000	10,000	3,35,000	3,25,000	3,25,000	-	-	-	9,85,000
16.16	B.Tech Information Technology	4	4	3,25,000	10,000	3,35,000	5,09,000	5,09,000	5,09,000	5,09,000	-	18,62,000
16.16	B.Tech Information Technology - Lateral	3	3	5,04,000	10,000	5,14,000	5,04,000	5,04,000	-	-	-	15,22,000
16.17	B.Tech Mechanical Engg	4	4	3,25,000	10,000	3,35,000	4,31,000	4,30,000	4,30,000	4,30,000	-	16,26,000
16.17	B.Tech Mechanical Engg - Lateral	3	3	4,25,000	10,000	4,35,000	4,25,000	4,25,000	-	-	-	12,85,000
16.18	B.Tech Mechatronics	4	4	3,25,000	10,000	3,35,000	4,31,000	4,30,000	4,30,000	4,30,000	-	16,26,000
16.18	B.Tech Mechatronics - Lateral	3	3	4,25,000	10,000	4,35,000	4,25,000	4,25,000	-	-	-	12,85,000
16.19	B.Tech Media Technology - Lateral	3	3	3,25,000	10,000	3,35,000	3,25,000	3,25,000	-	-	-	9,85,000
Post Graduate Programs (30)												
16.20	M.Tech Applied Computational Fluid Dynamics	2	2	1,75,000	10,000	1,85,000	1,75,000	-	-	-	-	3,60,000
16.21	M.Tech Automobile Engg	2	2	1,75,000	10,000	1,85,000	1,75,000	-	-	-	-	3,60,000
16.22	M.Tech Avionics	2	2	2,00,000	10,000	2,10,000	2,00,000	-	-	-	-	4,10,000
16.23	M.Tech Biomedical Engg	2	2	1,75,000	10,000	1,85,000	1,75,000	-	-	-	-	3,60,000
16.24	M.Tech Chemical Engg	2	2	1,75,000	10,000	1,85,000	1,75,000	-	-	-	-	3,60,000
16.25	M.Tech Computer Aided Analysis & Design	2	2	2,19,000	10,000	2,29,000	2,19,000	-	-	-	-	4,48,000
16.26	M.Tech Computer Networking & Engg	2	2	2,00,000	10,000	2,10,000	2,00,000	-	-	-	-	4,10,000
16.27	M.Tech Computer Science & Engg	2	2	2,18,000	10,000	2,28,000	2,18,000	-	-	-	-	4,46,000



## COURSE FEES

CODE	COURSE	Course Duration (m years)	Total # of fee installments (yearly)	Course Fee & Caution Deposit							General Category	
				2022-23 Batch I Installment Fee (₹)	Caution Deposit (Refundable) (₹)	2022-23 Batch I Installment Total (₹)	2022-23 Batch II Installment Fee (₹)	2022-23 Batch III Installment Fee (₹)	2022-23 Batch IV Installment Fee (₹)	2022-23 Batch V Installment Fee (₹)	2022-23 Batch Total Fee (₹) (including caution Deposit)	
16.28	M.Tech Computer Science & Information Security	2	2	2,10,000	10,000	2,20,000	2,10,000	-	-	-	-	4,30,000
16.29	M.Tech Construction Engg & Management	2	2	2,10,000	10,000	2,20,000	2,10,000	-	-	-	-	4,30,000
16.30	M.Tech Embedded Control and Automation	2	2	2,00,000	10,000	2,10,000	2,00,000	-	-	-	-	4,10,000
16.31	M.Tech Data Science	2	2	2,18,000	10,000	2,28,000	2,18,000	-	-	-	-	4,46,000
16.32	M.Tech Defence Technology	2	2	1,75,000	10,000	1,85,000	1,75,000	-	-	-	-	3,60,000
16.33	M.Tech Digital Electronics & Communication Engg	2	2	2,10,000	10,000	2,20,000	2,10,000	-	-	-	-	4,30,000
16.34	M.Tech Electric Vehicle Technology	2	2	2,00,000	10,000	2,10,000	2,00,000	-	-	-	-	4,10,000
16.35	M.Tech Engineering Management	2	2	2,00,000	10,000	2,10,000	2,00,000	-	-	-	-	4,10,000
16.36	M.Tech Environmental Engg	2	2	2,00,000	10,000	2,10,000	2,00,000	-	-	-	-	4,10,000
16.37	M.Tech Industrial Automation & Robotics	2	2	2,19,000	10,000	2,29,000	2,19,000	-	-	-	-	4,48,000
16.38	M.Tech Industrial Biotechnology	2	2	1,82,000	10,000	1,92,000	1,82,000	-	-	-	-	3,74,000
16.39	M.Tech Internet of Things	2	2	2,00,000	10,000	2,10,000	2,00,000	-	-	-	-	4,10,000
16.40	M.Tech Machine Intelligence & Decision Science	2	2	2,00,000	10,000	2,10,000	2,00,000	-	-	-	-	4,10,000
16.41	M.Tech Manufacturing Engg	2	2	2,00,000	10,000	2,10,000	2,00,000	-	-	-	-	4,10,000
16.42	M.Tech Medical Informatics	2	2	1,75,000	10,000	1,85,000	1,75,000	-	-	-	-	3,60,000
16.43	M.Tech Microelectronics	2	2	2,19,000	10,000	2,29,000	2,19,000	-	-	-	-	4,48,000
16.44	M.Tech Power Electronics & Drives	2	2	2,00,000	10,000	2,10,000	2,00,000	-	-	-	-	4,10,000
16.45	M.Tech Software Engg	2	2	2,00,000	10,000	2,10,000	2,00,000	-	-	-	-	4,10,000
16.46	M.Tech Structural Engg	2	2	2,19,000	10,000	2,29,000	2,19,000	-	-	-	-	4,48,000
16.47	M.Tech Thermal Sciences & Energy Systems	2	2	2,00,000	10,000	2,10,000	2,00,000	-	-	-	-	4,10,000
16.48	M.Tech Wireless & Mobile Communication	2	2	2,00,000	10,000	2,10,000	2,00,000	-	-	-	-	4,10,000
16.49	Master of Computer Applications (MCA)	2	2	1,86,000	10,000	1,96,000	1,86,000	-	-	-	-	3,82,000

## COURSE FEES

CODE	COURSE	Course Duration (m years)	Total # of fee installments (yearly)	General Category																	
				Course Fee & Caution Deposit							2022-23 Batch Total Fee (₹) (including caution Deposit)										
				2022-23 Batch I Installment Fee (₹)	Caution Deposit (Refundable) (₹)	2022-23 Batch I Installment Total (₹)	2022-23 Batch II Installment Fee (₹)	2022-23 Batch III Installment Fee (₹)	2022-23 Batch IV Installment Fee (₹)	2022-23 Batch V Installment Fee (₹)											
<b>17</b>	<b>Manipal Institute of Technology, Bengaluru</b>																				
	<b>Under Graduate Programs (08)</b>																				
17.01	B.Tech Computer Science & Engg	4	4	3,25,000	10,000	3,35,000	5,09,000	5,09,000	5,09,000	5,09,000	-	18,62,000									
17.01	B.Tech Computer Science & Engg - Lateral	3	3	5,04,000	10,000	5,14,000	5,04,000	5,04,000	-	-	-	15,22,000									
17.02	B.Tech Computer Science & Engg (Artificial Intelligence)	4	4	3,25,000	10,000	3,35,000	5,09,000	5,09,000	5,09,000	5,09,000	-	18,62,000									
17.02	B.Tech Computer Science & Engg (Artificial Intelligence) - Lateral	3	3	5,09,000	10,000	5,19,000	5,09,000	5,09,000	-	-	-	15,37,000									
17.03	B.Tech Computer Science & Engg (Cyber Security)	4	4	3,25,000	10,000	3,35,000	5,09,000	5,09,000	5,09,000	5,09,000	-	18,62,000									
17.03	B.Tech Computer Science & Engg (Cyber Security) - Lateral	3	3	5,04,000	10,000	5,14,000	5,04,000	5,04,000	-	-	-	15,22,000									
17.04	B.Tech Electronics & Communication Engg	4	4	3,25,000	10,000	3,35,000	5,09,000	5,09,000	5,09,000	5,09,000	-	18,62,000									
17.04	B.Tech Electronics & Communication Engg - Lateral	3	3	5,04,000	10,000	5,14,000	5,04,000	5,04,000	-	-	-	15,22,000									
17.05	B.Tech Information Technology	4	4	3,25,000	10,000	3,35,000	5,09,000	5,09,000	5,09,000	5,09,000	-	18,62,000									
17.05	B.Tech Information Technology - Lateral	3	3	5,04,000	10,000	5,14,000	5,04,000	5,04,000	-	-	-	15,22,000									
<b>18</b>	<b>Department of Science (DSC), Manipal</b>																				
	<b>Under Graduate Programs (01)</b>																				
18.01	Integrated M.Sc. Mathematics & Computing	5	5	1,25,000	10,000	1,35,000	1,25,000	1,25,000	1,25,000	1,25,000	1,25,000	6,35,000									
	<b>Post Graduate Programs (04)</b>																				
18.02	M.Sc. Applied Mathematics & Computing	2	2	97,000	5,000	1,02,000	97,000	97,000	97,000	97,000	97,000	1,99,000									
18.03	M.Sc. Chemistry	2	2	97,000	5,000	1,02,000	97,000	97,000	97,000	97,000	97,000	1,99,000									
18.04	M.Sc. Geology	2	2	97,000	5,000	1,02,000	97,000	97,000	97,000	97,000	97,000	1,99,000									
18.05	M.Sc. Physics	2	2	97,000	5,000	1,02,000	97,000	97,000	97,000	97,000	97,000	1,99,000									

## COURSE FEES

## General Category

CODE	COURSE	Course Duration (m years)	Total # of fee installments (yearly)	Course Fee & Caution Deposit						2022-23	
				2022-23 Batch I Installment Fee (₹)	Caution Deposit (Refundable) (₹)	2022-23 Batch I Installment Total (₹)	2022-23 Batch II Installment Fee (₹)	2022-23 Batch III Installment Fee (₹)	2022-23 Batch IV Installment Fee (₹)	2022-23 Batch V Installment Fee (₹)	2022-23 Batch Total Fee (including caution Deposit) (₹)
19	<b>Manipal School of Information Sciences (MSIS), Manipal</b>										
	Post Graduate Programs (05)										
19.01	ME Artificial Intelligence & Machine Learning	2	2	2,31,000	10,000	2,41,000	2,31,000				4,72,000
19.02	ME Big Data Analytics	2	2	2,31,000	10,000	2,41,000	2,31,000				4,72,000
19.03	ME Cloud Computing	2	2	2,31,000	10,000	2,41,000	2,31,000				4,72,000
19.04	ME Embedded Systems	2	2	2,31,000	10,000	2,41,000	2,31,000				4,72,000
19.05	ME VLSI Design	2	2	2,31,000	10,000	2,41,000	2,31,000				4,72,000
20	<b>Manipal School of Architecture &amp; Planning (MSAP), Manipal</b>										
	Under Graduate Programs (01)										
20.01	Bachelor of Architecture (BArch)	5	5	4,06,000	10,000	4,16,000	4,06,000	4,06,000	4,06,000	4,06,000	20,40,000
	Post Graduate Programs (02)										
20.02	MArch Urban Design & Development	2	2	1,89,000	10,000	1,99,000	1,89,000				3,88,000
20.03	MDes Sustainable Design	2	2	1,63,000	10,000	1,73,000	1,63,000				3,36,000
21	<b>Department of Design (DOD), Manipal</b>										
	Under Graduate Programs (02)										
21.01	BDes Fashion Design	4	4	2,26,000	10,000	2,36,000	2,26,000	2,26,000	2,26,000		9,14,000
21.02	BDes Interior Design	4	4	2,26,000	10,000	2,36,000	2,26,000	2,26,000	2,26,000		9,14,000
	Post Graduate Programs (02)										
21.03	MA Fashion Management	2	2	1,21,000	10,000	1,31,000	1,21,000				2,52,000
21.04	MDes Interior Design	2	2	1,93,000	10,000	2,03,000	1,93,000				3,96,000
	Certificate (01)										
21.05	Certificate Fashion Design	1	1	1,10,000	-	1,10,000					1,10,000
22	<b>T. A. Pai Management Institute, TAPMI, Manipal</b>										
	Post Graduate Programs (04)										
22.01	MBA Banking & Financial Services	2	2	8,00,000	10,000	8,10,000	8,00,000				16,10,000
22.02	MBA Human Resource Management	2	2	8,00,000	10,000	8,10,000	8,00,000				16,10,000

## COURSE FEES

CODE	COURSE	Course Duration (in years)	Total # of fee installments (yearly)	General Category										
				Course Fee & Caution Deposit						2022-23				
				2022-23 Batch I Installment Fee (₹)	Caution Deposit (Refundable) (₹)	2022-23 Batch I Installment Total (₹)	2022-23 Batch II Installment Fee (₹)	2022-23 Batch III Installment Fee (₹)	2022-23 Batch IV Installment Fee (₹)	2022-23 Batch V Installment Fee (₹)	2022-23 Batch Total Fee (₹) (including caution Deposit)			
22.03	MBA Marketing	2	2	8,00,000	10,000	8,10,000	8,00,000							16,10,000
22.04	MBA	2	2	8,00,000	10,000	8,10,000	8,00,000							16,10,000
23	<b>T. A. Pai Management Institute, TAPMI, Bengaluru</b>													
	Under Graduate Programs (01)													
23.01	BBA (Hons)	4	4	3,75,000	10,000	3,85,000	3,75,000	3,75,000	3,75,000	3,75,000				15,10,000
24	<b>Manipal Centre for Business Practice (MCBP), Bengaluru</b>													
	Under Graduate Programs (02)													
24.01	BA Data Sciences	3	3	4,00,000	10,000	4,10,000	4,00,000	4,00,000	4,00,000					12,10,000
24.02	Integrated Program in Management (IPM)	5	5	3,00,000	10,000	3,10,000	3,00,000	3,00,000	3,00,000	4,50,000	4,50,000			18,10,000
	Post Graduate Programs (02)													
24.03	PGP in Analytical Consulting	1	1	20,00,000	-	20,00,000								20,00,000
24.04	PGP in General Management	1	1	20,00,000	-	20,00,000								20,00,000
25	<b>Department of Commerce (DOC), Manipal</b>													
	Under Graduate Programs (15)													
25.01	BBA Banking	3	3	1,85,000	10,000	1,95,000	1,85,000	1,85,000	1,85,000	1,85,000				5,65,000
25.02	BBA Business Analytics	3	3	1,85,000	10,000	1,95,000	1,85,000	1,85,000	1,85,000	1,85,000				5,65,000
25.03	BBA Economic Studies	3	3	1,85,000	10,000	1,95,000	1,85,000	1,85,000	1,85,000	1,85,000				5,65,000
25.04	BBA Family Business Management	3	3	1,85,000	10,000	1,95,000	1,85,000	1,85,000	1,85,000	1,85,000				5,65,000
25.05	BBA Financial Markets	3	3	1,85,000	10,000	1,95,000	1,85,000	1,85,000	1,85,000	1,85,000				5,65,000
25.06	BBA Human Resource Management	3	3	1,85,000	10,000	1,95,000	1,85,000	1,85,000	1,85,000	1,85,000				5,65,000
25.07	BBA Insurance	3	3	1,85,000	10,000	1,95,000	1,85,000	1,85,000	1,85,000	1,85,000				5,65,000
25.08	BBA Logistics & Supply Chain Management	3	3	1,85,000	10,000	1,95,000	1,85,000	1,85,000	1,85,000	1,85,000				5,65,000
25.09	BBA Marketing	3	3	1,85,000	10,000	1,95,000	1,85,000	1,85,000	1,85,000	1,85,000				5,65,000
25.10	BBA Professional	3	3	1,85,000	10,000	1,95,000	1,85,000	1,85,000	1,85,000	1,85,000				5,65,000
25.11	BCom Business Process Services	3	3	1,69,000	10,000	1,79,000	1,69,000	1,69,000	1,69,000	1,69,000				5,17,000
25.12	BCom Professional	3	3	1,69,000	10,000	1,79,000	1,69,000	1,69,000	1,69,000	1,69,000				5,17,000

## COURSE FEES

CODE	COURSE	Duration (m years)	Total # of fee installments (yearly)	General Category										
				Course Fee & Caution Deposit						2022-23				
				2022-23 Batch I Installment Fee (₹)	Caution Deposit (Refundable) (₹)	2022-23 Batch I Installment Total (₹)	2022-23 Batch II Installment Fee (₹)	2022-23 Batch III Installment Fee (₹)	2022-23 Batch IV Installment Fee (₹)	2022-23 Batch V Installment Fee (₹)	2022-23 Batch Total Fee (₹) (including caution Deposit)			
<b>Post Graduate Programs (07)</b>														
25.13	MA Digital & Creative Marketing	2	2	2,20,000	10,000	2,30,000	2,20,000							4,50,000
25.14	MCom Banking Technology	2	2	80,000	5,000	85,000	80,000							1,65,000
25.15	MCom Logistics & Supply Chain	2	2	80,000	5,000	85,000	80,000							1,65,000
25.16	MCom Professional	2	2	80,000	5,000	85,000	80,000							1,65,000
25.17	M.Sc. Business Analytics	2	2	1,82,000	10,000	1,92,000	1,82,000							3,74,000
25.18	M.Sc. Financial Economics	2	2	1,82,000	10,000	1,92,000	1,82,000							3,74,000
25.19	M.Sc. Health Economics	2	2	1,82,000	10,000	1,92,000	1,82,000							3,74,000
<b>Post Graduate Diploma Programs (01)</b>														
25.20	PG Diploma Logistics & Supply Chain	1	1	1,74,000	-	1,74,000								1,74,000
<b>Department of Atomic and Molecular Physics (DAMP), Manipal</b>														
<b>Post Graduate Programs (02)</b>														
26.01	M.Sc. Nanoscience & Technology	2	2	97,000	5,000	1,02,000	97,000							1,99,000
26.02	M.Sc. Photonics	2	2	97,000	5,000	1,02,000	97,000							1,99,000
<b>Welcomgroup Graduate School of Hotel Administration (WGSHA), Manipal</b>														
<b>Under Graduate Programs (02)</b>														
27.01	Bachelor of Hotel Management (BHM)	4	4	3,72,000	10,000	3,82,000	3,72,000	3,72,000	3,72,000					14,98,000
27.02	BA Culinary Arts	3	3	3,50,000	10,000	3,60,000	3,50,000	3,50,000						10,60,000
<b>Post Graduate Programs (03)</b>														
27.03	MA Indian Cuisine & Food Culture	2	2	2,90,000	10,000	3,00,000	2,90,000							5,90,000
27.04	Master of Hotel Management	2	2	2,75,000	10,000	2,85,000	2,75,000							5,60,000
27.05	M.Sc. Dietetics & Applied Nutrition	2	2	2,00,000	10,000	2,10,000	2,00,000							4,10,000
<b>Manipal Centre for Natural Sciences (MCNS), Manipal</b>														
<b>Post Graduate Programs (01)</b>														
28.01	Integrated M.Sc. - PhD Natural Sciences	2+3	2	97,000	5,000	1,02,000	97,000							1,99,000





## COURSE FEES

## General Category

CODE	COURSE	Duration (m years)	Total # of fee installments (yearly)	Course Fee & Caution Deposit						2022-23 Batch Total Fee (₹) (including caution Deposit)	
				2022-23 Batch I Installment Fee (₹)	Caution Deposit (Refundable) (₹)	2022-23 Batch I Installment Total (₹)	2022-23 Batch II Installment Fee (₹)	2022-23 Batch III Installment Fee (₹)	2022-23 Batch IV Installment Fee (₹)		2022-23 Batch V Installment Fee (₹)
<b>34</b>	<b>Department of Philosophy (DPH), Manipal</b>										
	Post Graduate Programs (02)										
34.01	MA Indian Philosophy	2	2	30,000	5,000	35,000	30,000				65,000
34.02	MA Sanskrit Studies	2	2	25,000	5,000	30,000	25,000				55,000
	Post Graduate Diploma Programs (02)										
34.03	PG Diploma Indian Philosophy	1	1	30,000	-	30,000					30,000
34.04	PG Diploma Sanskrit Studies	1	1	25,000	-	25,000					25,000
<b>35</b>	<b>Department of Geopolitics &amp; International Relations (DGIR), Manipal</b>										
	Post Graduate Programs (01)										
35.01	MA Geopolitics & International Relations	2	2	1,40,000	10,000	1,50,000	1,40,000				2,90,000
<b>36</b>	<b>Gandhian Centre for Philosophical Arts &amp; Sciences (GCPAS), Manipal</b>										
	Under Graduate Programs (02)										
36.01	BA Aesthetics & Peace Studies	4	4	50,000	5,000	55,000	50,000	50,000			2,05,000
	Post Graduate Programs (02)										
36.02	MA Art & Peace Studies	2	2	70,000	5,000	75,000	70,000				1,45,000
36.03	MA Ecosophical Aesthetics	2	2	70,000	5,000	75,000	70,000				1,45,000
<b>37</b>	<b>Department of Library &amp; Information Science (DLIS), Manipal</b>										
	Post Graduate Programs (01)										
37.01	Master of Library and Information Sciences (M.Lib.I.Sc.)	2	2	50,000	5,000	55,000	50,000				1,05,000

## COURSE FEES

## Foreign/NRI Category

CODE	COURSE	Course Duration (in years)	Total # of fee installments (yearly)	Course Fee & Caution Deposit						2022-23 Batch Total Fee (US \$) (including caution Deposit)
				2022-23 Batch I Installment Fee (US \$)	Caution Deposit (US \$) (Refundable)	2022-23 Batch I Installment Total (US \$)	2022-23 Batch II Installment Fee (US \$)	2022-23 Batch III Installment Fee (US \$)	2022-23 Batch IV Installment Fee (US \$)	
<b>1</b>	<b>Kasturba Medical College, Manipal</b>									
	<b>Post Graduate Programs (09)</b>									
1.27	M.Sc. Clinical Embryology	2	2	17,400	200	17,600	17,400			35,000
1.28	M.Sc. Forensic Science	2	2	4,000	200	4,200	4,000			8,200
1.29	M.Sc. Genetic Counseling	2	2	2,800	100	2,900	2,800			5,700
1.30	M.Sc. Reproductive and Developmental Biology	2	2	6,700	200	6,900	6,700			13,600
1.31	M.Sc. (Medical) Anatomy	2	2	3,200	200	3,400	3,200			6,600
1.32	M.Sc. (Medical) Biochemistry	2	2	3,500	200	3,700	3,500			7,200
1.33	M.Sc. (Medical) Microbiology	2	2	3,500	200	3,700	3,500			7,200
1.34	M.Sc. (Medical) Pharmacology	2	2	3,200	200	3,400	3,200			6,600
1.35	M.Sc. (Medical) Physiology	2	2	3,200	200	3,400	3,200			6,600
	<b>Super Speciality Programs (01)</b>									
1.36	MPhil Psychiatric Social Work	2	2	3,100	200	3,300	3,100			6,400
<b>2</b>	<b>Kasturba Medical College, Mangalore</b>									
	<b>Under Graduate Programs (07)</b>									
2.22	Bachelor in Audiology & Speech Language Pathology (BASLP)	4	3	7,000	200	7,200	7,000	7,000		21,200
2.23	Bachelor of Physiotherapy - BPT	4.5	4	7,000	200	7,200	7,000	7,000	7,000	28,200
2.24	B.Sc. Cardiovascular Technology	4	3	7,000	200	7,200	7,000	7,000		21,200
2.25	B.Sc. Medical Imaging Technology	4	3	5,900	200	6,100	5,900	5,900		17,900
2.26	B.Sc. Radiotherapy Technology	4	3	5,000	200	5,200	5,000	5,000		15,200
2.27	B.Sc. Renal Replacement Therapy & Dialysis Technology	4	3	5,000	200	5,200	5,000	5,000		15,200
2.28	B.Sc. Respiratory Therapy	4	3	6,500	200	6,700	6,500	6,500		19,700
	<b>Post Graduate Programs (15)</b>									
2.29	MPT Cardiopulmonary Sciences	2	2	11,700	200	11,900	11,700			23,600
2.30	MPT Community Physiotherapy	2	2	11,700	200	11,900	11,700			23,600
2.31	MPT Geriatrics	2	2	11,700	200	11,900	11,700			23,600

## COURSE FEES

## Foreign/NRI Category

CODE	COURSE	Course Duration (in years)	Total # of fee installments (yearly)	Course Fee & Caution Deposit						2022-23 Batch Total Fee (US \$) (including caution Deposit)
				2022-23 Batch I Installment Fee (US \$)	Caution Deposit (US \$) (Refundable)	2022-23 Batch I Installment Total (US \$)	2022-23 Batch II Installment Fee (US \$)	2022-23 Batch III Installment Fee (US \$)	2022-23 Batch IV Installment Fee (US \$)	
2.32	MPT Musculoskeletal Sciences	2	2	11,700	200	11,900	11,700			23,600
2.33	MPT Neurosciences	2	2	11,700	200	11,900	11,700			23,600
2.34	MPT Obstetrics & Gynecology	2	2	11,700	200	11,900	11,700			23,600
2.35	MPT Paediatrics	2	2	11,700	200	11,900	11,700			23,600
2.36	M.Sc. Audiology	2	2	11,700	200	11,900	11,700			23,600
2.37	M.Sc. Clinical Psychology	2	2	9,800	200	10,000	9,800			19,800
2.38	M.Sc. Speech Language Pathology	2	2	11,700	200	11,900	11,700			23,600
2.39	M.Sc. (Medical) Anatomy	2	2	3,200	200	3,400	3,200			6,600
2.40	M.Sc. (Medical) Biochemistry	2	2	3,500	200	3,700	3,500			7,200
2.41	M.Sc. (Medical) Microbiology	2	2	3,500	200	3,700	3,500			7,200
2.42	M.Sc. (Medical) Pharmacology	2	2	3,200	200	3,400	3,200			6,600
2.43	M.Sc. (Medical) Physiology	2	2	3,200	200	3,400	3,200			6,600
<b>3</b>	<b>Manipal Tata Medical College, Jamshedpur</b>									
Under Graduate Programs (07)										
3.02	Bachelor of Optometry - B.Optom	4	3	5,900	200	6,100	5,900	5,900		17,900
3.03	B.Sc.Cardiovascular Technology	4	3	7,000	200	7,200	7,000	7,000		21,200
3.04	B.Sc.Exercise & Sports Sciences	3	3	5,000	200	5,200	5,000	5,000		15,200
3.05	B.Sc. Health Information Management	4	3	4,400	200	4,600	4,400	4,400		13,400
3.06	B.Sc. Medical Imaging Technology	4	3	5,900	200	6,100	5,900	5,900		17,900
3.07	B.Sc. Medical Laboratory Technology	4	3	3,400	200	3,600	3,400	3,400		10,400
3.08	B.Sc. Renal Replacement Therapy & Dialysis Technology	4	3	5,000	200	5,200	5,000	5,000		15,200
<b>4</b>	<b>Center for Integrative Medicine &amp; Research (CIMR), Manipal</b>									
Division of Yoga										
Post Graduate Programs (01)										
4.01	M.Sc. Yoga Therapy	2	2	1,600	100	1,700	1,600	1,600		3,300
Division of Ayurveda										
Post Graduate Certificate Programs (01)										
4.02	PG Certificate Panchakarma	6 mnt	1	1,200	-	1,200				1,200

## COURSE FEES

## Foreign/NRI Category

CODE	COURSE	Course Duration (in years)	Total # of fee installments (yearly)	Course Fee & Caution Deposit						2022-23 Batch Total Fee (US \$) (including caution Deposit)
				2022-23 Batch I Installment Fee (US \$)	Caution Deposit (US \$) (Refundable)	2022-23 Batch I Installment Total (US \$)	2022-23 Batch II Installment Fee (US \$)	2022-23 Batch III Installment Fee (US \$)	2022-23 Batch IV Installment Fee (US \$)	
<b>Certificate Programs (01)</b>										
4.03	Certificate Panchakarma Technician & Massage Therapist	1	1	400	-	400				400
<b>5 Manipal College of Dental Sciences (MCODS), Manipal</b>										
<b>Under Graduate Programs (01)</b>										
5.01	Bachelor of Dental Surgery (BDS)	5	4	19,200	200	19,400	19,200	19,200	19,200	77,000
<b>Post Graduate Programs (09)</b>										
5.02	MDS Conservative Dentistry and Endodontics	3	3	46,300	200	46,500	46,300	46,300		1,39,100
5.03	MDS Oral & Maxillofacial Pathology & Oral Microbiology	3	3	24,000	200	24,200	24,000	24,000		72,200
5.04	MDS Oral & Maxillofacial Surgery	3	3	40,200	200	40,400	40,200	40,200		1,20,800
5.05	MDS Oral Medicine & Radiology	3	3	24,000	200	24,200	24,000	24,000		72,200
5.06	MDS Orthodontics & Dentofacial Orthopaedics	3	3	46,300	200	46,500	46,300	46,300		1,39,100
5.07	MDS Paediatric & Preventive Dentistry	3	3	40,200	200	40,400	40,200	40,200		1,20,800
5.08	MDS Periodontology	3	3	32,000	200	32,200	32,000	32,000		96,200
5.09	MDS Prosthodontics & Crown & Bridge	3	3	40,200	200	40,400	40,200	40,200		1,20,800
5.10	MDS Public Health Dentistry	3	3	29,800	200	30,000	29,800	29,800		89,600
<b>6 Manipal College of Dental Sciences, Mangalore</b>										
<b>Under Graduate Programs (01)</b>										
6.01	Bachelor of Dental Surgery (BDS)	5	4	19,200	200	19,400	19,200	19,200	19,200	77,000
<b>Post Graduate Programs (09)</b>										
6.02	MDS Conservative Dentistry and Endodontics	3	3	46,300	200	46,500	46,300	46,300		1,39,100
6.03	MDS Oral & Maxillofacial Pathology & Oral Microbiology	3	3	24,000	200	24,200	24,000	24,000		72,200
6.04	MDS Oral & Maxillofacial Surgery	3	3	40,200	200	40,400	40,200	40,200		1,20,800
6.05	MDS Oral Medicine & Radiology	3	3	24,000	200	24,200	24,000	24,000		72,200



## COURSE FEES

## Foreign/NRI Category

CODE	COURSE	Course Duration (in years)	Total # of fee installments (yearly)	Course Fee & Caution Deposit						2022-23 Batch Total Fee (US \$) (including caution Deposit)
				2022-23 Batch I Installment Fee (US \$)	Caution Deposit (US \$) (Refundable)	2022-23 Batch I Installment Total (US \$)	2022-23 Batch II Installment Fee (US \$)	2022-23 Batch III Installment Fee (US \$)	2022-23 Batch IV Installment Fee (US \$)	
6.06	MDS Orthodontics & Dentofacial Orthopaedics	3	3	46,300	200	46,500	46,300	46,300		1,39,100
6.07	MDS Paediatric & Preventive Dentistry	3	3	40,200	200	40,400	40,200	40,200		1,20,800
6.08	MDS Periodontology	3	3	32,000	200	32,200	32,000	32,000		96,200
6.09	MDS Prosthodontics & Crown & Bridge	3	3	40,200	200	40,400	40,200	40,200		1,20,800
6.10	MDS Public Health Dentistry	3	3	29,800	200	30,000	29,800	29,800		89,600
<b>7</b>	<b>Manipal College of Pharmaceutical Sciences (MCOPS), Manipal</b>									
<b>Diploma Programs (01)</b>										
7.01	Diploma in Pharmacy (DPHarm)	2	2	1,900	100	2,000	1,900			3,900
<b>Under Graduate Programs (03)</b>										
7.02	Bachelor of Pharmacy (BPharm)	4	4	8,600	200	8,800	8,600	8,600	8,600	34,600
7.02	Bachelor of Pharmacy (BPharm) - Lateral	3	3	8,600	200	8,800	8,600	8,600		26,000
7.03	Doctor of Pharmacy (PharmD)	6	5	9,900	200	10,100	9,900	9,900	9,900	49,700
<b>Post Graduate Programs (12)</b>										
7.04	MPharm Industrial Pharmacy	2	2	9,500	200	9,700	9,500			19,200
7.05	MPharm Pharmaceutical Administration	2	2	9,500	200	9,700	9,500			19,200
7.06	MPharm Pharmaceutical Analysis	2	2	9,500	200	9,700	9,500			19,200
7.07	MPharm Pharmaceutical Biotechnology	2	2	9,500	200	9,700	9,500			19,200
7.08	MPharm Pharmaceutical Chemistry	2	2	9,500	200	9,700	9,500			19,200
7.09	MPharm Pharmaceutical Quality Assurance	2	2	9,500	200	9,700	9,500			19,200
7.10	MPharm Pharmaceutical Regulatory Affairs	2	2	9,500	200	9,700	9,500			19,200
7.11	MPharm Pharmaceutics	2	2	9,500	200	9,700	9,500			19,200
7.12	MPharm Pharmacognosy	2	2	9,500	200	9,700	9,500			19,200
7.13	MPharm Pharmacology	2	2	9,500	200	9,700	9,500			19,200

## COURSE FEES

## Foreign/NRI Category

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				2022-23 Batch I Installment Fee (US \$)	Caution Deposit (US \$) (Refundable)	2022-23 Batch I Installment Total (US \$)	2022-23 Batch II Installment Fee (US \$)	2022-23 Batch III Installment Fee (US \$)	2022-23 Batch IV Installment Fee (US \$)		2022-23 Batch V Installment Fee (US \$)
7.14	MPharm Pharmacy Practice	2	2	9,500	200	9,700	9,500				19,200
7.15	PharmD Post Baccalaureate	3	2	13,100	200	13,300	13,100				26,400
<b>8</b>	<b>Manipal College of Health Professions (MCHP), Manipal</b>										
	<b>Under Graduate Programs (20)</b>										
8.01	Bachelor in Audiology & Speech Language Pathology (BASLP)	4	3	7,000	200	7,200	7,000	7,000	7,000		21,200
8.02	Bachelor of Occupational Therapy - BOT	4.5	4	7,000	200	7,200	7,000	7,000	7,000		28,200
8.03	Bachelor of Optometry - B.Optom	4	3	5,900	200	6,100	5,900	5,900			17,900
8.04	Bachelor of Physiotherapy - BPT	4.5	4	7,000	200	7,200	7,000	7,000	7,000		28,200
8.05	B.Sc.Anaesthesia & Operation Theatre Technology	4	3	5,000	200	5,200	5,000	5,000			15,200
8.06	B.Sc.Cardiovascular Technology	4	3	7,000	200	7,200	7,000	7,000	7,000		21,200
8.07	B.Sc.Clinical Nutrition & Dietetics	4	3	3,400	200	3,600	3,400	3,400			10,400
8.08	B.Sc.Emergency Medical Technology	4	3	5,300	200	5,500	5,300	5,300			16,100
8.09	B.Sc.Exercise & Sports Sciences	3	3	5,000	200	5,200	5,000	5,000			15,200
8.09	B.Sc.(Hons) Exercise & Sports Sciences	4	4	5,000	200	5,200	5,000	5,000	5,000		20,200
8.10	B.Sc.Health Information Management	4	3	4,400	200	4,600	4,400	4,400			13,400
8.11	B.Sc.Medical Imaging Technology	4	3	5,900	200	6,100	5,900	5,900			17,900
8.12	B.Sc.Medical Laboratory Technology	4	3	3,400	200	3,600	3,400	3,400			10,400
8.13	B.Sc.Nuclear Medicine Technology	4	3	7,000	200	7,200	7,000	7,000			21,200
8.14	B.Sc.Perfusion Technology	4	3	5,000	200	5,200	5,000	5,000			15,200
8.15	B.Sc.Physician Assistant	4	3	4,400	200	4,600	4,400	4,400			13,400
8.16	B.Sc.Prosthetics & Orthotics	4.5	4	4,400	200	4,600	4,400	4,400	4,400		17,800
8.17	B.Sc.Psychology	3	3	5,600	200	5,800	5,600	5,600			17,000
8.17	B.Sc.(Hons) Psychology	4	4	5,600	200	5,800	5,600	5,600	5,600		22,600
8.18	B.Sc.Radiotherapy Technology	4	3	5,000	200	5,200	5,000	5,000			15,200
8.19	B.Sc.Renal Replacement Therapy & Dialysis Technology	4	3	5,000	200	5,200	5,000	5,000			15,200

## COURSE FEES

## Foreign/NRI Category

CODE	COURSE	Course Duration (in years)	Total # of fee installments (yearly)	Course Fee & Caution Deposit						2022-23 Batch Total Fee (US \$) (including caution deposit)
				2022-23 Batch I Installment Fee (US \$)	Caution Deposit (US \$) (Refundable)	2022-23 Batch I Installment Total (US \$)	2022-23 Batch II Installment Fee (US \$)	2022-23 Batch III Installment Fee (US \$)	2022-23 Batch IV Installment Fee (US \$)	
8.20	B.Sc. Respiratory Therapy	4	3	6,500	200	6,700	6,500	6,500	6,500	19,700
Post Graduate Programs (33)										
8.21	MOT Developmental Disabilities	2	2	8,500	200	8,700	8,500			17,200
8.22	MOT Hand & Musculoskeletal Conditions	2	2	8,500	200	8,700	8,500			17,200
8.23	MOT Mental Health & Psychosocial Rehabilitation	2	2	8,500	200	8,700	8,500			17,200
8.24	MOT Neuro Rehabilitation	2	2	8,500	200	8,700	8,500			17,200
8.25	Master of Optometry	2	2	8,400	200	8,600	8,400			17,000
8.26	MPT Cardiopulmonary Sciences	2	2	11,700	200	11,900	11,700			23,600
8.27	MPT Community Physiotherapy	2	2	11,700	200	11,900	11,700			23,600
8.28	MPT Geriatrics	2	2	11,700	200	11,900	11,700			23,600
8.29	MPT Musculoskeletal Sciences	2	2	11,700	200	11,900	11,700			23,600
8.30	MPT Neurosciences	2	2	11,700	200	11,900	11,700			23,600
8.31	MPT Obstetrics & Gynaecology	2	2	11,700	200	11,900	11,700			23,600
8.32	MPT Paediatrics	2	2	11,700	200	11,900	11,700			23,600
8.33	M.Sc. Anaesthesia & Operation Theatre Technology	2	2	6,100	200	6,300	6,100			12,400
8.34	M.Sc. Audiology	2	2	11,700	200	11,900	11,700			23,600
8.35	M.Sc. Cardiac Catheterization & Intervention Technology	2	2	8,800	200	9,000	8,800			17,800
8.36	M.Sc. Clinical Psychology	2	2	9,800	200	10,000	9,800			19,800
8.37	M.Sc. Echocardiography	2	2	7,400	200	7,600	7,400			15,000
8.38	M.Sc. Emergency Medical Technology	2	2	6,100	200	6,300	6,100			12,400
8.39	M.Sc. Exercise & Sports Sciences	2	2	4,500	200	4,700	4,500			9,200
8.40	M.Sc. Health Informatics (Healthcare IT Management)	2	2	4,100	200	4,300	4,100			8,400
8.41	M.Sc. Health Information Management	2	2	5,200	200	5,400	5,200			10,600
8.42	M.Sc. Medical Imaging Technology	2	2	9,000	200	9,200	9,000			18,200

## COURSE FEES

## Foreign/NRI Category

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				2022-23 Batch I Installment Fee (US \$)	Caution Deposit (US \$) (Refundable)	2022-23 Batch I Installment Total (US \$)	2022-23 Batch II Installment Fee (US \$)	2022-23 Batch III Installment Fee (US \$)	2022-23 Batch IV Installment Fee (US \$)	
8.43	M.Sc. Medical Radiation Physics	2	2	6,100	200	6,300	6,100	6,100		12,400
8.44	M.Sc. Nuclear Medicine Technology	2	2	7,400	200	7,600	7,400	7,400		15,000
8.45	M.Sc. Perfusion Technology	2	2	6,100	200	6,300	6,100	6,100		12,400
8.46	M.Sc. Renal Replacement Therapy & Dialysis Technology	2	2	6,600	200	6,800	6,600	6,600		13,400
8.47	M.Sc. Speech Language Pathology	2	2	11,700	200	11,900	11,700	11,700		23,600
8.48	M.Sc. MLT Clinical Biochemistry	2	2	6,100	200	6,300	6,100	6,100		12,400
8.49	M.Sc. MLT Haematology & Immunohaematology	2	2	6,100	200	6,300	6,100	6,100		12,400
8.50	M.Sc. MLT Microbiology & Immunology	2	2	6,100	200	6,300	6,100	6,100		12,400
8.51	M.Sc. MLT Public Health Laboratory Science	2	2	6,100	200	6,300	6,100	6,100		12,400
8.52	M.Sc. RT Adult Respiratory Care	2	2	6,600	200	6,800	6,600	6,600		13,400
8.53	M.Sc. RT Neonatal & Paediatric Respiratory Care	2	2	6,600	200	6,800	6,600	6,600		13,400
<b>Super Speciality Programs (01)</b>										
8.54	MPhil Clinical Psychology	2	2	7,600	200	7,800	7,600	7,600		15,400
<b>9</b>	<b>Manipal Hospital Bengaluru</b>									
<b>Post Graduate Programs (12)</b>										
9.01	MPT Cardiopulmonary Sciences	2	2	11,700	200	11,900	11,700	11,700		23,600
9.02	MPT Musculoskeletal Sciences	2	2	11,700	200	11,900	11,700	11,700		23,600
9.03	MPT Neurosciences	2	2	11,700	200	11,900	11,700	11,700		23,600
9.04	MPT Paediatrics	2	2	11,700	200	11,900	11,700	11,700		23,600
9.05	M.Sc. Cardiac Catheterization & Interventional Technology	2	2	8,800	200	9,000	8,800	8,800		17,800
9.06	M.Sc. Clinical Psychology	2	2	9,800	200	10,000	9,800	9,800		19,800
9.07	M.Sc. Echocardiography	2	2	7,400	200	7,600	7,400	7,400		15,000
9.08	M.Sc. Medical Imaging Technology	2	2	9,000	200	9,200	9,000	9,000		18,200
9.09	M.Sc. Renal Replacement Therapy & Dialysis Technology	2	2	6,600	200	6,800	6,600	6,600		13,400

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## Foreign/NRI Category

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				2022-23 Batch I Installment Fee (US \$)	Caution Deposit (US \$) (Refundable)	2022-23 Batch I Installment Total (US \$)	2022-23 Batch II Installment Fee (US \$)	2022-23 Batch III Installment Fee (US \$)	2022-23 Batch IV Installment Fee (US \$)	
9.10	M.Sc. MLT Clinical Biochemistry	2	2	6,100	200	6,300	6,100			12,400
9.11	M.Sc. MLT Haematology & Immunohaematology	2	2	6,100	200	6,300	6,100			12,400
9.12	M.Sc. MLT Microbiology & Immunology	2	2	6,100	200	6,300	6,100			12,400
<b>10</b>	<b>Manipal College of Nursing, Manipal</b>									
<b>Under Graduate Programs (02)</b>										
10.01	B.Sc. Nursing	4	4	4,700	200	4,900	4,700	4,700	4,700	19,000
10.02	Post Basic B.Sc. Nursing	2	2	2,900	100	3,000	2,900			5,900
<b>Post Graduate Programs (06)</b>										
10.03	M.Sc. Child Health (Paediatric Nursing)	2	2	4,600	200	4,800	4,600			9,400
10.04	M.Sc. Community Health Nursing	2	2	4,600	200	4,800	4,600			9,400
10.05	M.Sc. Medical Surgical Nursing	2	2	4,600	200	4,800	4,600			9,400
10.06	M.Sc. Obstetrics & Gynaecology Nursing	2	2	4,600	200	4,800	4,600			9,400
10.07	M.Sc. Psychiatric (Mental Health) Nursing	2	2	4,600	200	4,800	4,600			9,400
10.08	Nurse Practitioner Critical Care Postgraduate Residency Program	2	2	4,600	200	4,800	4,600			9,400
<b>11</b>	<b>Manipal School of Life Sciences (MSLS), Manipal</b>									
<b>Under Graduate Programs (01)</b>										
11.01	B.Sc. Biotechnology	3	3	4,200	200	4,400	4,200	4,200		12,800
<b>Post Graduate Programs (07)</b>										
11.02	M.Sc. Bioinformatics	2	2	4,700	200	4,900	4,700			9,600
11.03	M.Sc. Genome Engineering	2	2	7,000	200	7,200	7,000			14,200
11.04	M.Sc. Medical Biotechnology	2	2	8,100	200	8,300	8,100			16,400
11.05	M.Sc. Molecular Biology & Human Genetics	2	2	8,100	200	8,300	8,100			16,400
11.06	M.Sc. Systems Biology	2	2	6,700	200	6,900	6,700			13,600



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				2022-23 Batch I Installment Fee (US \$)	Caution Deposit (US \$) (Refundable)	2022-23 Batch I Installment Total (US \$)	2022-23 Batch II Installment Fee (US \$)	2022-23 Batch III Installment Fee (US \$)	2022-23 Batch IV Installment Fee (US \$)		2022-23 Batch V Installment Fee (US \$)
11.07	M.Sc. Tissue Engineering	2	2	7,000	200	7,200	7,000				14,200
11.08	M.Sc. by Research in Life Sciences	2	2	7,400	200	7,600	7,400				15,000
<b>12</b>	<b>Prasanna School of Public Health (PSPH), Manipal</b>										
	<b>Post Graduate Programs (12)</b>										
12.01	Master of Hospital Administration	2	2	6,200	200	6,400	6,200				12,600
12.02	MPH Environment & Occupational Health	2	2	4,700	200	4,900	4,700				9,600
12.03	MPH Epidemiology	2	2	4,700	200	4,900	4,700				9,600
12.04	MPH Global Health	2	2	4,700	200	4,900	4,700				9,600
12.05	MPH Health Policy	2	2	4,700	200	4,900	4,700				9,600
12.06	MPH Maternal & Child Health	2	2	4,700	200	4,900	4,700				9,600
12.07	M.Sc. Biostatistics	2	2	3,600	200	3,800	3,600				7,400
12.08	M.Sc. Data Science	2	2	4,300	200	4,500	4,300				8,800
12.09	M.Sc. Digital Epidemiology	2	2	4,400	200	4,600	4,400				9,000
12.10	MSW Community Development	2	2	2,600	100	2,700	2,600				5,300
12.11	MSW Human Resource Management & Industrial Relations	2	2	2,600	100	2,700	2,600				5,300
12.12	MSW Medical and Psychiatric Social Work	2	2	2,600	100	2,700	2,600				5,300
	<b>Certificate Programs (01)</b>										
12.13	Certificate Leadership in Public Health	1	1	3,400	-	3,400	3,400				3,400
<b>13</b>	<b>Manipal Institute of Virology (MIV), Manipal</b>										
	<b>Post Graduate Programs (01)</b>										
13.01	M.Sc. Clinical Virology	2	2	4,500	200	4,700	4,500				9,200
<b>14</b>	<b>Manipal Institute of Regenerative Medicine (MIRM), Bengaluru</b>										
	<b>Post Graduate Programs (01)</b>										
14.01	M.Sc. Stem Cell Technology & Regenerative Biology	2	2	9,500	200	9,700	9,500				19,200

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				2022-23 Batch I Installation Fee (US \$)	Caution Deposit (US \$) (Refundable)	2022-23 Batch I Installation Total (US \$)	2022-23 Batch II Installation Fee (US \$)	2022-23 Batch III Installation Fee (US \$)	2022-23 Batch IV Installation Fee (US \$)	2022-23 Batch V Installation Fee (US \$)
<b>Post Graduate Diploma Programs (01)</b>										
14.02	Advanced PG Diploma Stem Cell & Regenerative Biology	1	1	7,200	-	7,200				7,200
<b>Super Speciality Programs (01)</b>										
14.03	MPhil Stem Cell Technology & Regenerative Biology	1	1	13,800	-	13,800				13,800
<b>15 Manipal Center for Biotherapeutics Research</b>										
<b>Post Graduate Programs (01)</b>										
15.01	M.Sc. by Research in Biotherapeutics	2	2	7,500	200	7,700	7,500			15,200
<b>16 Manipal Institute of Technology, Manipal</b>										
<b>Under Graduate Programs (18)</b>										
16.01	B.Tech Aeronautical Engg	4	4	9,900	200	10,100	11,400	11,400	11,400	44,300
16.02	B.Tech Automobile Engg	4	4	9,900	200	10,100	11,400	11,400	11,400	44,300
16.03	B.Tech Biomedical Engg	4	4	9,900	200	10,100	8,700	8,700	8,700	36,200
16.04	B.Tech Biotechnology	4	4	9,900	200	10,100	8,700	8,700	8,700	36,200
16.05	B.Tech Chemical Engg	4	4	9,900	200	10,100	11,400	11,400	11,400	44,300
16.06	B.Tech Civil Engg	4	4	9,900	200	10,100	11,400	11,400	11,400	44,300
16.07	B.Tech Computer & Communication Engg	4	4	9,900	200	10,100	13,000	13,000	13,000	49,100
16.08	B.Tech Computer Science & Engg	4	4	9,900	200	10,100	13,000	13,000	13,000	49,100
16.09	B.Tech Computer Science & Engg (Artificial Intelligence & Machine Learning)	4	4	9,900	200	10,100	13,000	13,000	13,000	49,100
16.10	B.Tech Cyber Physical Systems	4	4	9,900	200	10,100	11,400	11,400	11,400	44,300
16.11	B.Tech Data Science & Engg	4	4	9,900	200	10,100	13,000	13,000	13,000	49,100
16.12	B.Tech Electrical & Electronics Engg	4	4	9,900	200	10,100	11,400	11,400	11,400	44,300
16.13	B.Tech Electronics & Communication Engg	4	4	9,900	200	10,100	11,400	11,400	11,400	44,300
16.14	B.Tech Electronics & Instrumentation Engg	4	4	9,900	200	10,100	8,700	8,700	8,700	36,200

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				2022-23 Batch I Installation Fee (US \$)	Caution Deposit (US \$) (Refundable)	2022-23 Batch I Installation Total (US \$)	2022-23 Batch II Installation Fee (US \$)	2022-23 Batch III Installation Fee (US \$)	2022-23 Batch IV Installation Fee (US \$)	2022-23 Batch V Installation Fee (US \$)	2022-23 Batch Total Fee (US \$) (including caution deposit)
16.15	B.Tech Industrial Engg	4	4	9,900	200	10,100	8,700	8,700	8,700	-	36,200
16.16	B.Tech Information Technology	4	4	9,900	200	10,100	13,000	13,000	13,000	-	49,100
16.17	B.Tech Mechanical Engg	4	4	9,900	200	10,100	11,400	11,400	11,400	-	44,300
16.18	B.Tech Mechatronics	4	4	9,900	200	10,100	11,400	11,400	11,400	-	44,300
Post Graduate Programs (30)											
16.20	M.Tech Applied Computational Fluid Dynamics	2	2	4,900	200	5,100	4,900	4,900	-	-	10,000
16.21	M.Tech Automobile Engg	2	2	4,900	200	5,100	4,900	4,900	-	-	10,000
16.22	M.Tech Avionics	2	2	5,600	200	5,800	5,600	5,600	-	-	11,400
16.23	M.Tech Biomedical Engg	2	2	4,900	200	5,100	4,900	4,900	-	-	10,000
16.24	M.Tech Chemical Engg	2	2	4,900	200	5,100	4,900	4,900	-	-	10,000
16.25	M.Tech Computer Aided Analysis & Design	2	2	6,100	200	6,300	6,100	6,100	-	-	12,400
16.26	M.Tech Computer Networking & Engg	2	2	5,600	200	5,800	5,600	5,600	-	-	11,400
16.27	M.Tech Computer Science & Engg	2	2	6,100	200	6,300	6,100	6,100	-	-	12,400
16.28	M.Tech Computer Science & Information Security	2	2	5,800	200	6,000	5,800	5,800	-	-	11,800
16.29	M.Tech Construction Engg & Management	2	2	5,800	200	6,000	5,800	5,800	-	-	11,800
16.30	M.Tech Embedded Control and Automation	2	2	5,600	200	5,800	5,600	5,600	-	-	11,400
16.31	M.Tech Data Science	2	2	6,100	200	6,300	6,100	6,100	-	-	12,400
16.32	M.Tech Defence Technology	2	2	4,900	200	5,100	4,900	4,900	-	-	10,000
16.33	M.Tech Digital Electronics & Communication Engg	2	2	5,800	200	6,000	5,800	5,800	-	-	11,800
16.34	M.Tech Electric Vehicle Technology	2	2	5,600	200	5,800	5,600	5,600	-	-	11,400
16.35	M.Tech Engineering Management	2	2	5,600	200	5,800	5,600	5,600	-	-	11,400
16.36	M.Tech Environmental Engg	2	2	5,600	200	5,800	5,600	5,600	-	-	11,400
16.37	M.Tech Industrial Automation & Robotics	2	2	6,100	200	6,300	6,100	6,100	-	-	12,400

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16.38	M.Tech Industrial Biotechnology	2	2	5,100	200	5,300	5,100	-	-	-	10,400
16.39	M.Tech Internet of Things	2	2	5,600	200	5,800	5,600	-	-	-	11,400
16.40	M.Tech Machine Intelligence & Decision Science	2	2	5,600	200	5,800	5,600	-	-	-	11,400
16.41	M.Tech Manufacturing Engg	2	2	5,600	200	5,800	5,600	-	-	-	11,400
16.42	M.Tech Medical Informatics	2	2	4,900	200	5,100	4,900	-	-	-	10,000
16.43	M.Tech Microelectronics	2	2	6,100	200	6,300	6,100	-	-	-	12,400
16.44	M.Tech Power Electronics & Drives	2	2	5,600	200	5,800	5,600	-	-	-	11,400
16.45	M.Tech Software Engg	2	2	5,600	200	5,800	5,600	-	-	-	11,400
16.46	M.Tech Structural Engg	2	2	6,100	200	6,300	6,100	-	-	-	12,400
16.47	M.Tech Thermal Sciences & Energy Systems	2	2	5,600	200	5,800	5,600	-	-	-	11,400
16.48	M.Tech Wireless & Mobile Communication	2	2	5,600	200	5,800	5,600	-	-	-	11,400
16.49	Master of Computer Applications (MCA)	2	2	5,200	200	5,400	5,200	-	-	-	10,600
<b>17</b>	<b>Manipal Institute of Technology, Bengaluru</b>										
	<b>Under Graduate Programs (03)</b>										
17.01	B.Tech Computer Science & Engg	4	4	9,900	200	10,100	13,000	13,000	13,000	13,000	49,100
17.02	B.Tech Computer Science & Engg (Artificial Intelligence)	4	4	9,900	200	10,100	13,000	13,000	13,000	13,000	49,100
17.03	B.Tech Computer Science & Engg (Cyber Security)	4	4	9,900	200	10,100	13,000	13,000	13,000	13,000	49,100
17.04	B.Tech Electronics & Communication Engg	4	4	9,900	200	10,100	11,400	11,400	11,400	11,400	44,300
17.05	B.Tech Information Technology	4	4	9,900	200	10,100	13,000	13,000	13,000	13,000	49,100
<b>18</b>	<b>Department of Science (DSC), Manipal</b>										
	<b>Under Graduate Programs (01)</b>										
18.01	Integrated M.Sc. Mathematics & Computing	5	5	3,500	200	3,700	3,500	3,500	3,500	3,500	17,700

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				2022-23 Batch I Installation Fee (US \$)	Caution Deposit (US \$) (Refundable)	2022-23 Batch I Installation Total (US \$)	2022-23 Batch II Installation Fee (US \$)	2022-23 Batch III Installation Fee (US \$)	2022-23 Batch IV Installation Fee (US \$)	
<b>Post Graduate Programs (04)</b>										
18.02	M.Sc. Applied Mathematics & Computing	2	2	2,700	100	2,800	2,700			5,500
18.03	M.Sc. Chemistry	2	2	2,700	100	2,800	2,700			5,500
18.04	M.Sc. Geology	2	2	2,700	100	2,800	2,700			5,500
18.05	M.Sc. Physics	2	2	2,700	100	2,800	2,700			5,500
<b>19 Manipal School of Information Sciences (MSIS), Manipal</b>										
<b>Post Graduate Programs (05)</b>										
19.01	ME Artificial Intelligence & Machine Learning	2	2	6,400	200	6,600	6,400			13,000
19.02	ME Big Data Analytics	2	2	6,400	200	6,600	6,400			13,000
19.03	ME Cloud Computing	2	2	6,400	200	6,600	6,400			13,000
19.04	ME Embedded Systems	2	2	6,400	200	6,600	6,400			13,000
19.05	ME VLSI Design	2	2	6,400	200	6,600	6,400			13,000
<b>20 Manipal School of Architecture &amp; Planning (MSAP), Manipal</b>										
<b>Under Graduate Programs (01)</b>										
20.01	Bachelor of Architecture (BArch)	5	5	11,300	200	11,500	11,300	11,300	11,300	56,700
<b>Post Graduate Programs (02)</b>										
20.02	MArch Urban Design & Development	2	2	5,300	200	5,500	5,300			10,800
20.03	MDes Sustainable Design	2	2	5,000	200	5,200	5,000			10,200
<b>21 Department of Design (DOD), Manipal</b>										
<b>Under Graduate Programs (04)</b>										
21.01	BDes Fashion Design	4	4	5,000	200	5,200	5,000	5,000	5,000	20,200
21.02	BDes Interior Design	4	4	5,000	200	5,200	5,000	5,000	5,000	20,200
<b>Post Graduate Programs (03)</b>										
21.03	MA Fashion Management	2	2	3,400	200	3,600	3,400			7,000
21.04	MDes Interior Design	2	2	5,000	200	5,200	5,000			10,200
21.05	Certificate Fashion Design	1	1	3,100	-	3,100				3,100





## COURSE FEES

## Foreign/NRI Category

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				2022-23 Batch I Installment Fee (US \$)	Caution Deposit (US \$) (Refundable)	2022-23 Batch I Installment Total (US \$)	2022-23 Batch II Installment Fee (US \$)	2022-23 Batch III Installment Fee (US \$)	2022-23 Batch IV Installment Fee (US \$)	
25.09	BBA Marketing	3	3	5,100	200	5,300	5,100	5,100	5,100	15,500
25.10	BBA Professional	3	3	5,100	200	5,300	5,100	5,100	5,100	15,500
25.11	BCom Business Process Serviss	3	3	4,700	200	4,900	4,700	4,700	4,700	14,300
25.12	BCom Professional	3	3	4,700	200	4,900	4,700	4,700	4,700	14,300
<b>Post Graduate Programs (07)</b>										
25.13	MA Digital & Creative Marketing	2	2	4,400	200	4,600	4,400	4,400		9,000
25.14	MCom Banking Technology	2	2	2,200	100	2,300	2,200	2,200		4,500
25.15	MCom Logistics & Supply Chain	2	2	2,200	100	2,300	2,200	2,200		4,500
25.16	MCom Professional	2	2	2,200	100	2,300	2,200	2,200		4,500
25.17	M.Sc. Business Analytics	2	2	3,400	200	3,600	3,400	3,400		7,000
25.18	M.Sc. Financial Economics	2	2	3,400	200	3,600	3,400	3,400		7,000
25.19	M.Sc. Health Economics	2	2	3,400	200	3,600	3,400	3,400		7,000
<b>Post Graduate Diploma Programs (01)</b>										
25.20	PG Diploma Logistics & Supply Chain	1	1	4,300	-	4,300	4,300			4,300
<b>26 Department of Atomic and Molecular Physics (DAMP), Manipal</b>										
<b>Post Graduate Programs (02)</b>										
26.01	M.Sc. Nanoscience & Technology	2	2	2,700	100	2,800	2,700	2,700		5,500
26.02	M.Sc. Photonics	2	2	2,700	100	2,800	2,700	2,700		5,500
<b>27 Welcomgroup Graduate School of Hotel Administration (WGSHA), Manipal</b>										
<b>Under Graduate Programs (02)</b>										
27.01	Bachelor of Hotel Management (BHM)	4	4	8,500	200	8,700	8,500	8,500	8,500	34,200
27.02	BA Culinary Arts	3	3	7,500	200	7,700	7,500	7,500		22,700
<b>Post Graduate Programs (03)</b>										
27.03	MA Indian Cuisine & Food Culture	2	2	6,000	200	6,200	6,000	6,000		12,200
27.04	Master of Hotel Management	2	2	5,000	200	5,200	5,000	5,000		10,200
27.05	M.Sc. Dietetics & Applied Nutrition	2	2	5,000	200	5,200	5,000	5,000		10,200

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				2022-23 Batch I Installment Fee (US \$)	Caution Deposit (US \$) (Refundable)	2022-23 Batch I Installment Total (US \$)	2022-23 Batch II Installment Fee (US \$)	2022-23 Batch III Installment Fee (US \$)	
<b>28</b>	<b>Manipal Centre for Natural Sciences (MCNS), Manipal</b>								
	Post Graduate Programs (01)								
28.01	Integrated M.Sc. - PhD Natural Sciences	2+3	2	2,700	100	2,800	2,700	2,700	5,500
<b>30</b>	<b>Manipal Institute of Communication (MIC), Manipal</b>								
	Under Graduate Programs (04)								
30.01	BA Media & Communication	3	3	6,000	200	6,200	6,000	6,000	18,200
30.02	B.Sc.Animation	3	3	6,800	200	7,000	6,800	6,800	20,600
30.03	BVoc Graphics and Digital Media	3	3	4,200	200	4,400	4,200	4,200	12,800
	Post Graduate Programs (02)								
30.04	MA Film Art & Film Making	1+1	1	8,200	-	8,200			8,200
30.05	MA Media & Communication	2	2	7,400	200	7,600	7,400		15,000
	Post Graduate Diploma Programs (03)								
30.06	PG Diploma Corporate Communication	1	1	5,100	-	5,100			5,100
30.07	PG Diploma Health Communication	1	1	5,100		5,100			5,100
30.08	PG Diploma Sports Communication	1	1	2,400	-	2,400			2,400
	Certificate Programs (01)								
30.09	Certificate Animation Technology	6 mnt	1	1,800	-	1,800			1,800
<b>31</b>	<b>Manipal Center for Humanities (MCH), Manipal</b>								
	Under Graduate Programs (01)								
31.01	BA Humanities	3	3	1,800	100	1,900	1,800	1,800	5,500
	Post Graduate Programs (03)								
31.02	MA English	2	2	1,900	100	2,000	1,900		3,900
31.03	MA History	2	2	1,900	100	2,000	1,900		3,900
31.04	MA Sociology	2	2	1,900	100	2,000	1,900		3,900
<b>32</b>	<b>Manipal Centre for European Studies (MCES), Manipal</b>								
	Post Graduate Programs (01)								
32.01	MA European Studies	2	2	2,200	100	2,300	2,200	2,200	4,500

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<b>33</b>	<b>Department of Languages (DLG), Manipal</b>									
	<b>Under Graduate Programs (01)</b>									
33.01	BA Foreign Languages & Intercultural Studies	3	3	1,200	100	1,300	1,200	1,200	1,200	3,700
<b>34</b>	<b>Department of Philosophy (DPH), Manipal</b>									
	<b>Post Graduate Programs (02)</b>									
34.01	MA Indian Philosophy	2	2	800	100	900	800			1,700
34.02	MA Sanskrit Studies	2	2	800	100	900	800			1,700
	<b>Post Graduate Diploma Programs (02)</b>									
34.03	PG Diploma Indian Philosophy	1	1	800	-	800				800
34.04	PG Diploma Sanskrit Studies	1	1	800	-	800				800
<b>35</b>	<b>Department of Geopolitics &amp; International Relations (DGIR), Manipal</b>									
	<b>Post Graduate Programs (01)</b>									
35.01	MA Geopolitics & International Relations	2	2	3,900	200	4,100	3,900			8,000
<b>36</b>	<b>Gandhian Centre for Philosophical Arts &amp; Sciences (GCPAS), Manipal</b>									
	<b>Under Graduate Programs (02)</b>									
36.01	BA Aesthetics & Peace Studies	4	4	1,500	100	1,600	1,500	1,500	1,500	6,100
	<b>Post Graduate Programs (02)</b>									
36.02	MA Art & Peace Studies	2	2	2,000	100	2,100	2,000			4,100
36.03	MA Ecosophical Aesthetics	2	2	2,000	100	2,100	2,000			4,100
<b>37</b>	<b>Department of Library &amp; Information Science (DLIS), Manipal</b>									
	<b>Post Graduate Programs (01)</b>									
37.01	Master of Library and Information Sciences (M.Lib.I.Sc.)	2	2	1,200	100	1,300	1,200			2,500

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<b>1</b>	<b>Kasturba Medical College (KMC), Manipal</b>																			
	<b>Post Graduate Programs (09)</b>																			
1.27	M.Sc. Clinical Embryology	2	2	10,900	200	11,100	10,900	-	-	-	-	-	-	-	-	-	-	-	-	22,000
1.28	M.Sc. Forensic Science	2	2	3,200	200	3,400	3,200	-	-	-	-	-	-	-	-	-	-	-	-	6,600
1.29	M.Sc. Genetic Counseling	2	2	1,700	100	1,800	1,700	-	-	-	-	-	-	-	-	-	-	-	-	3,500
1.3	M.Sc. Reproductive and Developmental Biology	2	2	4,200	200	4,400	4,200	-	-	-	-	-	-	-	-	-	-	-	-	8,600
1.31	M.Sc. (Medical) Anatomy	2	2	2,000	100	2,100	2,000	-	-	-	-	-	-	-	-	-	-	-	-	4,100
1.32	M.Sc. (Medical) Biochemistry	2	2	2,200	100	2,300	2,200	-	-	-	-	-	-	-	-	-	-	-	-	4,500
1.33	M.Sc. (Medical) Microbiology	2	2	2,200	100	2,300	2,200	-	-	-	-	-	-	-	-	-	-	-	-	4,500
1.34	M.Sc. (Medical) Pharmacology	2	2	2,000	100	2,100	2,000	-	-	-	-	-	-	-	-	-	-	-	-	4,100
1.35	M.Sc. (Medical) Physiology	2	2	2,000	100	2,100	2,000	-	-	-	-	-	-	-	-	-	-	-	-	4,100
	<b>Super Speciality Programs (01)</b>																			
1.36	MPHil Psychiatric Social Work	2	2	1,900	100	2,000	1,900	-	-	-	-	-	-	-	-	-	-	-	-	3,900
<b>3</b>	<b>MTMC Jamshedpur</b>																			
	<b>Under Graduate Programs (07)</b>																			
3.02	Bachelor of Optometry - B.Optom	4	3	3,700	200	3,900	3,700	3,700	3,700	-	-	-	-	-	-	-	-	-	-	11,300
3.03	B.Sc.Cardiovascular Technology	4	3	4,600	200	4,800	4,600	4,600	4,600	-	-	-	-	-	-	-	-	-	-	14,000
3.04	B.Sc.Exercise & Sports Sciences	3	3	3,200	200	3,400	3,200	3,200	3,200	-	-	-	-	-	-	-	-	-	-	9,800
3.05	B.Sc.Health Information Management	4	3	2,700	100	2,800	2,700	2,700	2,700	-	-	-	-	-	-	-	-	-	-	8,200
3.06	B.Sc.Medical Imaging Technology	4	3	3,700	200	3,900	3,700	3,700	3,700	-	-	-	-	-	-	-	-	-	-	11,300
3.07	B.Sc.Medical Laboratory Technology	4	3	2,100	100	2,200	2,100	2,100	2,100	-	-	-	-	-	-	-	-	-	-	6,400
3.08	B.Sc.Renal Replacement Therapy & Dialysis Technology	4	3	3,200	200	3,400	3,200	3,200	3,200	-	-	-	-	-	-	-	-	-	-	9,800
<b>4</b>	<b>Center for Integrative Medicine &amp; Research (CIMR), Manipal</b>																			
	<b>Division of Yoga</b>																			
	<b>Post Graduate Programs (01)</b>																			
4.01	M.Sc. Yoga Therapy	2	2	1,000	100	1,100	1,000	1,000	1,000	-	-	-	-	-	-	-	-	-	-	2,100



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<b>Division of Ayurveda</b>										
<b>Post Graduate Certificate Programs (01)</b>										
4.02	PG Certificate Panchakarma	6 mnt	1	900	100	1,000	-	-	-	1,000
<b>Certificate Programs (01)</b>										
4.03	Certificate Panchakarma Technician & Massage Therapist	1	1	200	100	300	-	-	-	300
<b>5 Manipal College of Dental Sciences (MCODS), Manipal</b>										
<b>Post Graduate Diploma Programs (03)</b>										
5.12	PG Certificate Aesthetic Dentistry	1	1	5,800	200	6,000	-	-	-	6,000
5.13	PG Certificate Laser Dentistry	6 mnt	1	2,900	100	3,000	-	-	-	3,000
5.14	PG Certificate Oral Implantology	1	1	7,700	200	7,900	-	-	-	7,900
<b>6 Manipal College of Dental Sciences, Mangalore</b>										
<b>Fellowship Programs (01)</b>										
6.12	Fellowship Restorative Dentistry	1	1	8,600	200	8,800	-	-	-	8,800
<b>7 Manipal College of Pharmaceutical Sciences (MCOPS), Manipal</b>										
<b>Diploma Programs (01)</b>										
7.01	Diploma in Pharmacy (DPharm)	2	2	1,200	100	1,300	1,200	-	-	2,500
<b>Under Graduate Programs (03)</b>										
7.02	Bachelor of Pharmacy (BPharm)	4	4	5,800	200	6,000	5,800	5,800	-	23,400
7.02	Bachelor of Pharmacy (BPharm) - Lateral	3	3	5,800	200	6,000	5,800	5,800	-	17,600
7.03	Doctor of Pharmacy (PharmD)	6	5	8,800	200	9,000	8,800	8,800	8,800	44,200
<b>Post Graduate Programs (12)</b>										
7.04	MPharm Industrial Pharmacy	2	2	7,900	200	8,100	7,900	-	-	16,000
7.05	MPharm Pharmaceutical Administration	2	2	7,700	200	7,900	7,700	-	-	15,600
7.06	MPharm Pharmaceutical Analysis	2	2	7,700	200	7,900	7,700	-	-	15,600
7.07	MPharm Pharmaceutical Biotechnology	2	2	7,400	200	7,600	7,400	-	-	15,000

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7.08	MPharm Pharmaceutical Chemistry	2	2	7,400	200	7,600	7,400	-	-	-	15,000
7.09	MPharm Pharmaceutical Quality Assurance	2	2	7,900	200	8,100	7,900	-	-	-	16,000
7.1	MPharm Pharmaceutical Regulatory Affairs	2	2	7,900	200	8,100	7,900	-	-	-	16,000
7.11	MPharm Pharmaceuticals	2	2	7,900	200	8,100	7,900	-	-	-	16,000
7.12	MPharm Pharmacognosy	2	2	7,400	200	7,600	7,400	-	-	-	15,000
7.13	MPharm Pharmacology	2	2	7,900	200	8,100	7,900	-	-	-	16,000
7.14	MPharm Pharmacy Practice	2	2	7,400	200	7,600	7,400	-	-	-	15,000
7.15	PharmD Post Baccalaureate	3	2	8,600	200	8,800	8,600	-	-	-	17,400
<b>8</b>	<b>Manipal College of Health Professions (MCHP), Manipal</b>										
Under Graduate Programs (22)											
8.01	Bachelor in Audiology & Speech Language Pathology (BASLP)	4	3	4,600	200	4,800	4,600	4,600	-	-	14,000
8.02	Bachelor of Occupational Therapy - BOT	4.5	4	4,600	200	4,800	4,600	4,600	4,600	-	18,600
8.03	Bachelor of Optometry - B.Optom	4	3	3,700	200	3,900	3,700	3,700	-	-	11,300
8.04	Bachelor of Physiotherapy - BPT	4.5	4	4,600	200	4,800	4,600	4,600	4,600	-	18,600
8.05	B.Sc. Anaesthesia & Operation Theatre Technology	4	3	3,200	200	3,400	3,200	3,200	-	-	9,800
8.06	B.Sc. Cardiovascular Technology	4	3	4,600	200	4,800	4,600	4,600	-	-	14,000
8.07	B.Sc. Clinical Nutrition & Dietetics	4	3	2,100	100	2,200	2,100	2,100	-	-	6,400
8.08	B.Sc. Emergency Medical Technology	4	3	3,300	200	3,500	3,300	3,300	-	-	10,100
8.09	B.Sc. Exercise & Sports Sciences	3	3	3,200	200	3,400	3,200	3,200	-	-	9,800
8.09	B.Sc. (Hons) Exercise & Sports Sciences	4	4	3,200	200	3,400	3,200	3,200	3,200	-	13,000
8.1	B.Sc. Health Information Management	4	3	2,700	100	2,800	2,700	2,700	-	-	8,200
8.11	B.Sc. Medical Imaging Technology	4	3	3,700	200	3,900	3,700	3,700	-	-	11,300
8.12	B.Sc. Medical Laboratory Technology	4	3	2,100	100	2,200	2,100	2,100	-	-	6,400
8.13	B.Sc. Nuclear Medicine Technology	4	3	4,600	200	4,800	4,600	4,600	-	-	14,000

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8.14	B.Sc.Perfusion Technology	4	3	3,200	200	3,400	3,200	3,200	-	-	9,800	
8.15	B.Sc.Physician Assistant	4	3	2,700	100	2,800	2,700	2,700	-	-	8,200	
8.16	B.Sc.Prosthetics & Orthotics	4.5	4	2,700	100	2,800	2,700	2,700	2,700	-	10,900	
8.17	B.Sc.Psychology	3	3	3,500	200	3,700	3,500	3,500	-	-	10,700	
8.17	B.Sc.(Hons) Psychology	4	4	3,500	200	3,700	3,500	3,500	3,500	-	14,200	
8.18	B.Sc.Radiotherapy Technology	4	3	3,200	200	3,400	3,200	3,200	-	-	9,800	
8.19	B.Sc.Renal Replacement Therapy & Dialysis Technology	4	3	3,200	200	3,400	3,200	3,200	-	-	9,800	
8.2	B.Sc.Respiratory Therapy	4	3	4,000	200	4,200	4,000	4,000	-	-	12,200	
Post Graduate Programs (33)												
8.21	MOT Developmental Disabilities	2	2	5,300	200	5,500	5,300	5,300	-	-	10,800	
8.22	MOT Hand & Musculoskeletal Conditions	2	2	5,300	200	5,500	5,300	5,300	-	-	10,800	
8.23	MOT Mental Health & Psychosocial Rehabilitation	2	2	5,300	200	5,500	5,300	5,300	-	-	10,800	
8.24	MOT Neuro Rehabilitation	2	2	5,300	200	5,500	5,300	5,300	-	-	10,800	
8.25	Master of Optometry	2	2	5,200	200	5,400	5,200	5,200	-	-	10,600	
8.26	MPT Cardiopulmonary Sciences	2	2	7,300	200	7,500	7,300	7,300	-	-	14,800	
8.27	MPT Community Physiotherapy	2	2	7,300	200	7,500	7,300	7,300	-	-	14,800	
8.28	MPT Geriatrics	2	2	7,300	200	7,500	7,300	7,300	-	-	14,800	
8.29	MPT Musculoskeletal Sciences	2	2	7,300	200	7,500	7,300	7,300	-	-	14,800	
8.3	MPT Neurosciences	2	2	7,300	200	7,500	7,300	7,300	-	-	14,800	
8.31	MPT Obstetrics & Gynaecology	2	2	7,300	200	7,500	7,300	7,300	-	-	14,800	
8.32	MPT Paediatrics	2	2	7,300	200	7,500	7,300	7,300	-	-	14,800	
8.33	M.Sc. Anaesthesia & Operation Theatre Technology	2	2	3,800	200	4,000	3,800	3,800	-	-	7,800	
8.34	M.Sc. Audiology	2	2	7,300	200	7,500	7,300	7,300	-	-	14,800	
8.35	M.Sc. Cardiac Catheterization & Intervention Technology	2	2	5,500	200	5,700	5,500	5,500	-	-	11,200	

## COURSE FEES

### Foreign/NRI Category

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8.36	M.Sc. Clinical Psychology	2	2	6,100	200	6,300	6,100	-	-	-	12,400
8.37	M.Sc. Echocardiography	2	2	4,600	200	4,800	4,600	-	-	-	9,400
8.38	M.Sc. Emergency Medical Technology	2	2	3,800	200	4,000	3,800	-	-	-	7,800
8.39	M.Sc. Exercise & Sports Sciences	2	2	3,800	200	4,000	3,800	-	-	-	7,800
8.4	M.Sc. Health Informatics (Healthcare IT Management)	2	2	3,200	200	3,400	3,200	-	-	-	6,600
8.41	M.Sc. Health Information Management	2	2	3,200	200	3,400	3,200	-	-	-	6,600
8.42	M.Sc. Medical Imaging Technology	2	2	5,600	200	5,800	5,600	-	-	-	11,400
8.43	M.Sc. Medical Radiation Physics	2	2	3,800	200	4,000	3,800	-	-	-	7,800
8.44	M.Sc. Nuclear Medicine Technology	2	2	4,600	200	4,800	4,600	-	-	-	9,400
8.45	M.Sc. Perfusion Technology	2	2	3,800	200	4,000	3,800	-	-	-	7,800
8.46	M.Sc. Renal Replacement Therapy & Dialysis Technology	2	2	4,800	200	5,000	4,800	-	-	-	9,800
8.47	M.Sc. Speech Language Pathology	2	2	7,300	200	7,500	7,300	-	-	-	14,800
8.48	M.Sc. MLT Clinical Biochemistry	2	2	3,800	200	4,000	3,800	-	-	-	7,800
8.49	M.Sc. MLT Haematology & Immunohaematology	2	2	3,800	200	4,000	3,800	-	-	-	7,800
8.5	M.Sc. MLT Microbiology & Immunology	2	2	3,800	200	4,000	3,800	-	-	-	7,800
8.51	M.Sc. MLT Public Health Laboratory Science	2	2	3,800	200	4,000	3,800	-	-	-	7,800
8.52	M.Sc. RT Adult Respiratory Care	2	2	4,200	200	4,400	4,200	-	-	-	8,600
8.53	M.Sc. RT Neonatal & Paediatric Respiratory Care	2	2	4,200	200	4,400	4,200	-	-	-	8,600
<b>Super Speciality Programs (01)</b>											
8.54	MPhil Clinical Psychology	2	2	5,800	200	6,000	5,800	-	-	-	11,800
<b>10</b>	<b>Manipal College of Nursing, Manipal</b>										
<b>Under Graduate Programs (02)</b>											
10.01	B.Sc. Nursing	4	4	2,900	100	3,000	2,900	2,900	2,900	-	11,700
10.02	Post Basic B.Sc. Nursing	2	2	1,800	100	1,900	1,800	-	-	-	3,700

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<b>Post Graduate Programs (06)</b>										
10.03	M.Sc. Child Health (Paediatric Nursing)	2	2	2,900	100	3,000	2,900	-	-	5,900
10.04	M.Sc. Community Health Nursing	2	2	2,900	100	3,000	2,900	-	-	5,900
10.05	M.Sc. Medical Surgical Nursing	2	2	2,900	100	3,000	2,900	-	-	5,900
10.06	M.Sc. Obstetrics & Gynaecology Nursing	2	2	2,900	100	3,000	2,900	-	-	5,900
10.07	M.Sc. Psychiatric (Mental Health) Nursing	2	2	2,900	100	3,000	2,900	-	-	5,900
10.08	Nurse Practitioner Critical Care Postgraduate Residency Program	2	2	2,900	100	3,000	2,900	-	-	5,900
<b>11</b>	<b>Manipal School of Life Sciences (MSLS), Manipal</b>									
<b>Under Graduate Programs (02)</b>										
11.01	B.Sc. Biotechnology	3	3	2,600	100	2,700	2,600	2,600	-	7,900
11.01	B.Sc.(Hons) Biotechnology	4	4	2,600	100	2,700	2,600	2,600	2,600	10,500
<b>Post Graduate Programs (07)</b>										
11.02	M.Sc. Bioinformatics	2	2	2,900	100	3,000	2,900	-	-	5,900
11.03	M.Sc. Genome Engineering	2	2	5,100	200	5,300	5,100	-	-	10,400
11.04	M.Sc. Medical Biotechnology	2	2	5,100	200	5,300	5,100	-	-	10,400
11.05	M.Sc. Molecular Biology & Human Genetics	2	2	5,100	200	5,300	5,100	-	-	10,400
11.06	M.Sc. Systems Biology	2	2	4,200	200	4,400	4,200	-	-	8,600
11.07	M.Sc. Tissue Engineering	2	2	5,100	200	5,300	5,100	-	-	10,400
11.08	M.Sc. by Research in Life Sciences	2	2	5,100	200	5,300	5,100	-	-	10,400
<b>Post Graduate Diploma Programs (01)</b>										
11.09	PG Diploma Cellular & Molecular Diagnostics	1	1	900	100	1,000	-	-	-	1,000
<b>12</b>	<b>Prasanna School of Public Health (PSPH), Manipal</b>									
<b>Post Graduate Programs (12)</b>										
12.01	Master of Hospital Administration	2	2	3,900	200	4,100	3,900	-	-	8,000



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12.02	MPH Environment & Occupational Health	2	2	2,900	100	3,000	2,900	-	-	-	5,900
12.03	MPH Epidemiology	2	2	2,900	100	3,000	2,900	-	-	-	5,900
12.04	MPH Global Health	2	2	2,900	100	3,000	2,900	-	-	-	5,900
12.05	MPH Health Policy	2	2	2,900	100	3,000	2,900	-	-	-	5,900
12.06	MPH Maternal & Child Health	2	2	2,900	100	3,000	2,900	-	-	-	5,900
12.07	M.Sc. Biostatistics	2	2	2,300	100	2,400	2,300	-	-	-	4,700
12.08	M.Sc. Data Science	2	2	3,100	200	3,300	3,100	-	-	-	6,400
12.09	M.Sc. Digital Epidemiology	2	2	3,200	200	3,400	3,200	-	-	-	6,600
12.1	MSW Community Development	2	2	1,600	100	1,700	1,600	-	-	-	3,300
12.11	MSW Human Resource Management & Industrial Relations	2	2	1,600	100	1,700	1,600	-	-	-	3,300
12.12	MSW Medical and Psychiatric Social Work	2	2	1,600	100	1,700	1,600	-	-	-	3,300
<b>Certificate Programs (01)</b>											
12.13	Certificate Leadership in Public Health	1	1	2,100	100	2,200	-	-	-	-	2,200
<b>13</b>	<b>Manipal Institute of Virology (MIV), Manipal</b>										
<b>Post Graduate Programs (01)</b>											
13.01	M.Sc. Clinical Virology	2	2	3,100	200	3,300	3,100	-	-	-	6,400
<b>14</b>	<b>Manipal Institute of Regenerative Medicine (MIRM), Bangalore</b>										
<b>Post Graduate Programs (01)</b>											
14.01	M.Sc. Stem Cell Technology & Regenerative Biology	2	2	5,900	200	6,100	5,900	-	-	-	12,000
<b>Post Graduate Diploma Programs (01)</b>											
14.02	Advanced PG Diploma Stem Cell & Regenerative Biology	1	1	4,500	200	4,700	-	-	-	-	4,700
<b>Super Speciality Programs (01)</b>											
14.03	MPhil Stem Cell Technology & Regenerative Biology	1	1	8,600	200	8,800	-	-	-	-	8,800

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15	<b>Manipal Center for Biotherapeutics Research</b>										
Post Graduate Programs (01)											
15.01	M.Sc. by Research in Biotherapeutics	2	2	4,700	200	4,900	4,700	-	-	-	9,600
16	<b>Manipal Institute of Technology, Manipal</b>										
Under Graduate Programs (18)											
16.01	B.Tech Aeronautical Engg	4	4	5,600	200	5,800	7,500	7,500	7,500	-	28,300
16.02	B.Tech Automobile Engg	4	4	5,600	200	5,800	7,500	7,500	7,500	-	28,300
16.03	B.Tech Biomedical Engg	4	4	5,600	200	5,800	5,600	5,600	5,600	-	22,600
16.04	B.Tech Biotechnology	4	4	5,600	200	5,800	5,600	5,600	5,600	-	22,600
16.05	B.Tech Chemical Engg	4	4	5,600	200	5,800	7,500	7,500	7,500	-	28,300
16.06	B.Tech Civil Engg	4	4	5,600	200	5,800	7,500	7,500	7,500	-	28,300
16.07	B.Tech Computer & Communication Engg	4	4	5,600	200	5,800	8,800	8,800	8,800	-	32,200
16.08	B.Tech Computer Science & Engg	4	4	5,600	200	5,800	8,800	8,800	8,800	-	32,200
16.09	B.Tech Computer Science & Engg (Artificial Intelligence & Machine Learning)	4	4	5,600	200	5,800	8,800	8,800	8,800	-	32,200
16.1	B.Tech Cyber Physical Systems	4	4	5,600	200	5,800	7,800	7,800	7,800	-	29,200
16.11	B.Tech Data Science & Engg	4	4	5,600	200	5,800	8,800	8,800	8,800	-	32,200
16.12	B.Tech Electrical & Electronics Engg	4	4	5,600	200	5,800	7,800	7,800	7,800	-	29,200
16.13	B.Tech Electronics & Communication Engg	4	4	5,600	200	5,800	8,800	8,800	8,800	-	32,200
16.14	B.Tech Electronics & Instrumentation Engg	4	4	5,600	200	5,800	5,600	5,600	5,600	-	22,600
16.15	B.Tech Industrial Engg	4	4	5,600	200	5,800	5,600	5,600	5,600	-	22,600
16.16	B.Tech Information Technology	4	4	5,600	200	5,800	8,800	8,800	8,800	-	32,200
16.17	B.Tech Mechanical Engg	4	4	5,600	200	5,800	7,500	7,500	7,500	-	28,300
16.18	B.Tech Mechatronics	4	4	5,600	200	5,800	7,500	7,500	7,500	-	28,300

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Post Graduate Programs (30)														
16.2	M.Tech Applied Computational Fluid Dynamics	2	2	3,000	100	3,100	3,000	-	-	-	-	-	-	6,100
16.21	M.Tech Automobile Engg	2	2	3,000	100	3,100	3,000	-	-	-	-	-	-	6,100
16.22	M.Tech Avionics	2	2	3,500	200	3,700	3,500	-	-	-	-	-	-	7,200
16.23	M.Tech Biomedical Engg	2	2	3,000	100	3,100	3,000	-	-	-	-	-	-	6,100
16.24	M.Tech Chemical Engg	2	2	3,000	100	3,100	3,000	-	-	-	-	-	-	6,100
16.25	M.Tech Computer Aided Analysis & Design	2	2	3,800	200	4,000	3,800	-	-	-	-	-	-	7,800
16.26	M.Tech Computer Networking & Engg	2	2	3,500	200	3,700	3,500	-	-	-	-	-	-	7,200
16.27	M.Tech Computer Science & Engg	2	2	3,800	200	4,000	3,800	-	-	-	-	-	-	7,800
16.28	M.Tech Computer Science & Information Security	2	2	3,600	200	3,800	3,600	-	-	-	-	-	-	7,400
16.29	M.Tech Construction Engg & Management	2	2	3,600	200	3,800	3,600	-	-	-	-	-	-	7,400
16.3	M.Tech Control Systems	2	2	3,500	200	3,700	3,500	-	-	-	-	-	-	7,200
16.31	M.Tech Data Science	2	2	3,800	200	4,000	3,800	-	-	-	-	-	-	7,800
16.32	M.Tech Defence Technology	2	2	3,000	100	3,100	3,000	-	-	-	-	-	-	6,100
16.33	M.Tech Digital Electronics & Communication Engg	2	2	3,600	200	3,800	3,600	-	-	-	-	-	-	7,400
16.34	M.Tech Electric Vehicle Technology	2	2	3,500	200	3,700	3,500	-	-	-	-	-	-	7,200
16.35	M.Tech Engineering Management	2	2	3,500	200	3,700	3,500	-	-	-	-	-	-	7,200
16.36	M.Tech Environmental Engg	2	2	3,500	200	3,700	3,500	-	-	-	-	-	-	7,200
16.37	M.Tech Industrial Automation & Robotics	2	2	3,800	200	4,000	3,800	-	-	-	-	-	-	7,800
16.38	M.Tech Industrial Biotechnology	2	2	3,200	200	3,400	3,200	-	-	-	-	-	-	6,600
16.39	M.Tech Internet of Things	2	2	3,500	200	3,700	3,500	-	-	-	-	-	-	7,200
16.4	M.Tech Machine Intelligence & Decision Science	2	2	3,500	200	3,700	3,500	-	-	-	-	-	-	7,200
16.41	M.Tech Manufacturing Engg	2	2	3,500	200	3,700	3,500	-	-	-	-	-	-	7,200

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16.42	M.Tech Medical Informatics	2	2	3,000	100	3,100	3,000	-	-	-	6,100
16.43	M.Tech Microelectronics	2	2	3,800	200	4,000	3,800	-	-	-	7,800
16.44	M.Tech Power Electronics & Drives	2	2	3,500	200	3,700	3,500	-	-	-	7,200
16.45	M.Tech Software Engg	2	2	3,500	200	3,700	3,500	-	-	-	7,200
16.46	M.Tech Structural Engg	2	2	3,800	200	4,000	3,800	-	-	-	7,800
16.47	M.Tech Thermal Sciences & Energy Systems	2	2	3,500	200	3,700	3,500	-	-	-	7,200
16.48	M.Tech Wireless & Mobile Communication	2	2	3,500	200	3,700	3,500	-	-	-	7,200
16.49	Master of Computer Applications (MCA)	2	2	3,200	200	3,400	3,200	-	-	-	6,600
<b>17</b>	<b>Manipal Institute of Technology, Bengaluru</b>										
<b>Under Graduate Programs (05)</b>											
17.01	B.Tech Computer Science & Engg	4	4	5,600	200	5,800	8,800	8,800	8,800	-	32,200
17.02	B.Tech Computer Science & Engg (Artificial Intelligence)	4	4	5,600	200	5,800	8,800	8,800	8,800	-	32,200
17.03	B.Tech Computer Science & Engg (Cyber Security)	4	4	5,600	200	5,800	8,800	8,800	8,800	-	32,200
17.04	B.Tech Electronics & Communication Engg	4	4	5,600	200	5,800	8,800	8,800	8,800	-	32,200
17.05	B.Tech Information Technology	4	4	5,600	200	5,800	8,800	8,800	8,800	-	32,200
<b>18</b>	<b>Department of Science (DSC), Manipal</b>										
<b>Under Graduate Programs (01)</b>											
18.01	Integrated M.Sc. Mathematics & Computing	5	5	2,200	100	2,300	2,200	2,200	2,200	2,200	11,100
<b>Post Graduate Programs (04)</b>											
18.02	M.Sc. Applied Mathematics & Computing	2	2	1,700	100	1,800	1,700	1,700	-	-	3,500
18.03	M.Sc. Chemistry	2	2	1,700	100	1,800	1,700	1,700	-	-	3,500
18.04	M.Sc. Geology	2	2	1,700	100	1,800	1,700	1,700	-	-	3,500
18.05	M.Sc. Physics	2	2	1,700	100	1,800	1,700	1,700	-	-	3,500

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<b>19</b>	<b>Manipal School of Information Sciences (MSIS), Manipal</b>										
	Post Graduate Programs (05)										
19.01	ME Artificial Intelligence & Machine Learning	2	2	4,000	200	4,200	4,000	-	-	-	8,200
19.02	ME Big Data Analytics	2	2	4,000	200	4,200	4,000	-	-	-	8,200
19.03	ME Cloud Computing	2	2	4,000	200	4,200	4,000	-	-	-	8,200
19.04	ME Embedded Systems	2	2	4,000	200	4,200	4,000	-	-	-	8,200
19.05	ME VLSI Design	2	2	4,000	200	4,200	4,000	-	-	-	8,200
<b>20</b>	<b>Manipal School of Architecture &amp; Planning (MSAP), Manipal</b>										
	Under Graduate Programs (01)										
20.01	Bachelor of Architecture (BArch)	5	5	7,000	200	7,200	7,000	7,000	7,000	7,000	35,200
	Post Graduate Programs (02)										
20.02	MArch Urban Design & Development	2	2	3,300	200	3,500	3,300	-	-	-	6,800
20.03	MDes Sustainable Design	2	2	2,800	100	2,900	2,800	-	-	-	5,700
<b>21</b>	<b>Department of Design (DOD), Manipal</b>										
	Under Graduate Programs (02)										
21.01	BDes Fashion Design	4	4	3,900	200	4,100	3,900	3,900	3,900	-	15,800
21.02	BDes Interior Design	4	4	3,900	200	4,100	3,900	3,900	3,900	-	15,800
	Post Graduate Programs (02)										
21.03	MA Fashion Management	2	2	2,100	100	2,200	2,100	-	-	-	4,300
21.04	MDes Interior Design	2	2	3,400	200	3,600	3,400	-	-	-	7,000
	Certificate Programs (01)										
21.05	Certificate Fashion Design	1	1	1,900	100	2,000	-	-	-	-	2,000
<b>24</b>	<b>Manipal Centre for Business Practice (MCCBP) Bengaluru</b>										
	Under Graduate Programs (02)										
24.01	BA Data Sciences	3	3	6,900	200	7,100	6,900	6,900	-	-	20,900
24.02	Integrated Program in Management (IPM)	5	5	5,200	200	5,400	5,200	7,800	7,800	7,800	31,400



**COURSE FEES****Foreign/NRI Category**

For Candidates from SAARC (Afghanistan, Bangladesh, Maldives, Sri Lanka) and for candidates from Countries: Angola, Cambodia, Ethiopia, Eritrea, Ghana, Iraq, Indonesia, Kenya, Laos, Lesotho, Myanmar, Nigeria, Philippines, Rwanda, Somalia, Syria, Sudan, Tanzania, Uganda, Vietnam, Yemen, Zambia and Zimbabwe.

CODE	COURSE	Course Duration (in years)	Total # of fee installments (yearly)	Course Fee & Caution Deposit						2022-23 Batch Total Fee (US \$) (including caution deposit)
				2022-23 Batch I Installment Fee (US \$)	Caution Deposit (US \$) (Refundable)	2022-23 Batch I Installment Total (US \$)	2022-23 Batch II Installment Fee (US \$)	2022-23 Batch III Installment Fee (US \$)	2022-23 Batch IV Installment Fee (US \$)	
<b>Post Graduate Programs (02)</b>										
24.03	PGP in Analytical Consulting	1	1	34,700	200	34,900	-	-	-	34,900
24.04	PGP in General Management	1	1	34,700	200	34,900	-	-	-	34,900
<b>25</b>	<b>Department of Commerce (DOC), Manipal</b>									
<b>Under Graduate Programs (12)</b>										
25.01	BBA Banking	3	3	3,200	200	3,400	3,200	3,200	-	9,800
25.02	BBA Business Analytics	3	3	3,200	200	3,400	3,200	3,200	-	9,800
25.03	BBA Economic Studies	3	3	3,200	200	3,400	3,200	3,200	-	9,800
25.04	BBA Family Business Management	3	3	3,200	200	3,400	3,200	3,200	-	9,800
25.05	BBA Financial Markets	3	3	3,200	200	3,400	3,200	3,200	-	9,800
25.06	BBA Human Resource Management	3	3	3,200	200	3,400	3,200	3,200	-	9,800
25.07	BBA Insurance	3	3	3,200	200	3,400	3,200	3,200	-	9,800
25.08	BBA Logistics & Supply Chain Management	3	3	3,200	200	3,400	3,200	3,200	-	9,800
25.09	BBA Marketing	3	3	3,200	200	3,400	3,200	3,200	-	9,800
25.1	BBA Professional	3	3	3,200	200	3,400	3,200	3,200	-	9,800
25.11	BCom Business Process Services	3	3	2,900	100	3,000	2,900	2,900	-	8,800
25.12	BCom Professional	3	3	2,900	100	3,000	2,900	2,900	-	8,800
<b>Post Graduate Programs (07)</b>										
25.13	MA Digital & Creative Marketing	2	2	3,800	200	4,000	3,800	-	-	7,800
25.14	MCom Banking Technology	2	2	1,400	100	1,500	1,400	-	-	2,900
25.15	MCom Logistics & Supply Chain	2	2	1,400	100	1,500	1,400	-	-	2,900
25.16	MCom Professional	2	2	1,400	100	1,500	1,400	-	-	2,900
25.17	M.Sc. Business Analytics	2	2	3,200	200	3,400	3,200	-	-	6,600
25.18	M.Sc. Financial Economics	2	2	3,200	200	3,400	3,200	-	-	6,600
25.19	M.Sc. Health Economics	2	2	3,200	200	3,400	3,200	-	-	6,600
<b>Post Graduate Diploma Programs (01)</b>										
25.2	PG Diploma Logistics & Supply Chain	1	1	3,000	100	3,100	-	-	-	3,100

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CODE	COURSE	Course Duration (in years)	Total # of fee installments (yearly)	Course Fee & Caution Deposit						2022-23 Batch Total Fee (US \$) (including caution deposit)	
				2022-23 Batch I Installment Fee (US \$)	Caution Deposit (US \$) (Refundable)	2022-23 Batch I Installment Total (US \$)	2022-23 Batch II Installment Fee (US \$)	2022-23 Batch III Installment Fee (US \$)	2022-23 Batch IV Installment Fee (US \$)		2022-23 Batch V Installment Fee (US \$)
<b>26</b>	<b>Department of Atomic and Molecular Physics (DAMP), Manipal</b>										
	Post Graduate Programs (02)										
26.01	M.Sc. Nanoscience & Technology	2	2	1,700	100	1,800	1,700	-	-	-	3,500
26.02	M.Sc. Photonics	2	2	1,700	100	1,800	1,700	-	-	-	3,500
<b>27</b>	<b>Welcomgroup Graduate School of Hotel Administration (WGSHA), Manipal</b>										
	Under Graduate Programs (02)										
27.01	Bachelor of Hotel Management (BHM)	4	4	6,500	200	6,700	6,500	6,500	6,500	-	26,200
27.02	BA Culinary Arts	3	3	6,100	200	6,300	6,100	6,100	-	-	18,500
	Post Graduate Programs (03)										
27.03	MA Indian Cuisine & Food Culture	2	2	5,000	200	5,200	5,000	-	-	-	10,200
27.04	Master of Hotel Management	2	2	4,800	200	5,000	4,800	-	-	-	9,800
27.05	M.Sc. Dietetics & Applied Nutrition	2	2	3,500	200	3,700	3,500	-	-	-	7,200
<b>28</b>	<b>Manipal Centre for Natural Sciences (MCNS), Manipal</b>										
	Post Graduate Programs (01)										
28.01	Integrated M.Sc. - PhD Natural Sciences	2+3	2	1,700	100	1,800	1,700	-	-	-	3,500
<b>30</b>	<b>Manipal Institute of Communication (MIC), Manipal</b>										
	Under Graduate Programs (03)										
30.01	BA Media & Communication	3	3	4,200	200	4,400	4,200	4,200	-	-	12,800
30.02	B.Sc.Animation	3	3	4,300	200	4,500	4,300	4,300	-	-	13,100
30.03	BVoc Graphics and Digital Media	3	3	3,300	200	3,500	3,300	3,300	-	-	10,100
	Post Graduate Programs (02)										
30.04	MA Film Art & Film Making	1+1	1	5,100	200	5,300	-	-	-	-	5,300
30.05	MA Media & Communication	2	2	5,700	200	5,900	5,700	-	-	-	11,600
	Post Graduate Diploma Programs (03)										
30.06	PG Diploma Corporate Communication	1	1	3,200	200	3,400	-	-	-	-	3,400
30.07	PG Diploma Health Communication	1	1	3,200	200	3,400	-	-	-	-	3,400
30.08	PG Diploma Sports Communication	1	1	1,500	100	1,600	-	-	-	-	1,600

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CODE	COURSE	Course Duration (in years)	Total # of fee installments (yearly)	Course Fee & Caution Deposit						2022-23 Batch Total Fee (US \$) (including caution Deposit)	
				2022-23 Batch I Installment Fee (US \$)	Caution Deposit (US \$) (Refundable)	2022-23 Batch I Installment Total (US \$)	2022-23 Batch II Installment Fee (US \$)	2022-23 Batch III Installment Fee (US \$)	2022-23 Batch IV Installment Fee (US \$)		2022-23 Batch V Installment Fee (US \$)
Certificate Programs (01)											
30.09	Certificate Animation Technology	6 mnt	1	1,100	100	1,200	1,200	-	-	-	1,200
<b>31</b>	<b>Manipal Center for Humanities (MCH), Manipal</b>										
Under Graduate Programs (01)											
31.01	BA Humanities	3	3	1,200	100	1,300	1,200	1,200	1,200	-	3,700
Post Graduate Programs (03)											
31.02	MA English	2	2	1,200	100	1,300	1,200	1,200	-	-	2,500
31.03	MA History	2	2	1,200	100	1,300	1,200	1,200	-	-	2,500
31.04	MA Sociology	2	2	1,200	100	1,300	1,200	1,200	-	-	2,500
<b>32</b>	<b>Manipal Centre for European Studies (MCES), Manipal</b>										
Under Graduate Programs (01)											
32.01	MA European Studies	2	2	1,400	100	1,500	1,400	1,400	-	-	2,900
<b>33</b>	<b>Department of Languages (DLG), Manipal</b>										
Under Graduate Programs (01)											
33.01	BA Foreign Languages & Intercultural Studies	3	3	1,400	100	1,500	1,400	1,400	1,400	-	4,300
<b>34</b>	<b>Department of Philosophy (DPH), Manipal</b>										
Post Graduate Programs (02)											
34.01	MA Indian Philosophy	2	2	500	100	600	500	500	-	-	1,100
34.02	MA Sanskrit Studies	2	2	400	100	500	400	400	-	-	900
Post Graduate Diploma Programs (02)											
34.03	PG Diploma Indian Philosophy	1	1	500	100	600	-	-	-	-	600
34.04	PG Diploma Sanskrit Studies	1	1	400	100	500	-	-	-	-	500
<b>35</b>	<b>Department of Geopolitics &amp; International Relations (DGIR), Manipal</b>										
Post Graduate Programs (01)											
35.01	MA Geopolitics & International Relations	2	2	2,400	100	2,500	2,400	2,400	-	-	4,900

**COURSE FEES****Foreign/NRI Category**

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CODE	COURSE	Course Duration (in years)	Total # of fee installments (yearly)	Course Fee & Caution Deposit								2022-23 Batch Total Fee (US \$) (including caution Deposit)	
				2022-23 Batch I Installment Fee (US \$)	Caution Deposit (US \$) (Refundable)	2022-23 Batch I Installment Total (US \$)	2022-23 Batch II Installment Fee (US \$)	2022-23 Batch III Installment Fee (US \$)	2022-23 Batch IV Installment Fee (US \$)	2022-23 Batch V Installment Fee (US \$)			
<b>36</b>	<b>Gandhian Centre for Philosophical Arts &amp; Sciences (GCPAS), Manipal</b>												
	Under Graduate Programs (01)												
36.01	BA Aesthetics & Peace Studies	4	4	900	100	1,000	900	900	900	900	-	-	3,700
	Post Graduate Programs (02)												
36.02	MA Art & Peace Studies	2	2	1,200	100	1,300	1,200	1,200	-	-	-	-	2,500
36.03	MA Ecosophical Aesthetics	2	2	1,200	100	1,300	1,200	1,200	-	-	-	-	2,500
<b>37</b>	<b>Department of Library &amp; Information Science (DLIS), Manipal</b>												
	Post Graduate Programs (01)												
37.01	Master of Library and Information Sciences (M.Lib.I.Sc.)	2	2	900	100	1,000	900	900	-	-	-	-	1,900

**COURSE FEES**

For Candidates from Nepal - Bhutan

**General Category**

CODE	COURSE	Course Duration (in years)	Total # of fee installments (yearly)	Course Fee & Caution Deposit						2022-23 Batch Total Fee (₹) (including caution Deposit)	
				2022-23 Batch I Installment Fee (₹)	Caution Deposit (₹) (Refundable)	2022-23 Batch I Installment Total (₹)	2022-23 Batch II Installment Fee (₹)	2022-23 Batch III Installment Fee (₹)	2022-23 Batch IV Installment Fee (₹)		2022-23 Batch V Installment Fee (₹)
<b>1</b>	<b>Kasturba Medical College (KMC), Manipal</b>										
Post Graduate Programs (09)											
1.27	M.Sc. Clinical Embryology	2	2	7,83,000	10,000	7,93,000	7,83,000	-	-	-	15,76,000
1.28	M.Sc. Forensic Science	2	2	2,28,000	10,000	2,38,000	2,28,000	-	-	-	4,66,000
1.29	M.Sc. Genetic Counseling	2	2	1,24,000	5,000	1,29,000	1,24,000	-	-	-	2,53,000
1.3	M.Sc. Reproductive and Developmental Biology	2	2	3,00,000	10,000	3,10,000	3,00,000	-	-	-	6,10,000
1.31	M.Sc. (Medical) Anatomy	2	2	1,43,000	10,000	1,53,000	1,43,000	-	-	-	2,96,000
1.32	M.Sc. (Medical) Biochemistry	2	2	1,56,000	10,000	1,66,000	1,56,000	-	-	-	3,22,000
1.33	M.Sc. (Medical) Microbiology	2	2	1,56,000	10,000	1,66,000	1,56,000	-	-	-	3,22,000
1.34	M.Sc. (Medical) Pharmacology	2	2	1,43,000	10,000	1,53,000	1,43,000	-	-	-	2,96,000
1.35	M.Sc. (Medical) Physiology	2	2	1,43,000	10,000	1,53,000	1,43,000	-	-	-	2,96,000
Super Speciality Programs (01)											
1.36	MPhil Psychiatric Social Work	2	2	1,38,000	10,000	1,48,000	1,38,000	-	-	-	2,86,000
<b>3</b>	<b>MTMC Jamshedpur</b>										
Under Graduate Programs (07)											
3.02	Bachelor of Optometry - B.Optom	4	3	2,65,000	10,000	2,75,000	2,65,000	2,65,000	-	-	8,05,000
3.03	B.Sc.Cardiovascular Technology	4	3	3,33,000	10,000	3,43,000	3,33,000	3,33,000	-	-	10,09,000
3.04	B.Sc.Exercise & Sports Sciences	3	3	2,28,000	10,000	2,38,000	2,28,000	2,28,000	-	-	6,94,000
3.05	B.Sc.Health Information Management	4	3	1,98,000	10,000	2,08,000	1,98,000	1,98,000	-	-	6,04,000
3.06	B.Sc.Medical Imaging Technology	4	3	2,65,000	10,000	2,75,000	2,65,000	2,65,000	-	-	8,05,000
3.07	B.Sc.Medical Laboratory Technology	4	3	1,51,000	10,000	1,61,000	1,51,000	1,51,000	-	-	4,63,000
3.08	B.Sc.Renal Replacement Therapy & Dialysis Technology	4	3	2,28,000	10,000	2,38,000	2,28,000	2,28,000	-	-	6,94,000
<b>4</b>	<b>Center for Integrative Medicine &amp; Research (CIMR), Manipal</b>										
Division of Yoga											
Post Graduate Programs (01)											
4.01	M.Sc. Yoga Therapy	2	2	73,000	5,000	78,000	73,000	73,000	-	-	1,51,000



**COURSE FEES**

For Candidates from Nepal - Bhutan

**General Category**

CODE	COURSE	Course Duration (in years)	Total # of fee installments (yearly)	Course Fee & Caution Deposit						2022-23 Batch Total Fee (₹) (including caution Deposit)
				2022-23 Batch I Installment Fee (₹)	Caution Deposit (Refundable)	2022-23 Batch I Installment Total (₹)	2022-23 Batch II Installment Fee (₹)	2022-23 Batch III Installment Fee (₹)	2022-23 Batch IV Installment Fee (₹)	
<b>Division of Ayurveda</b>										
<b>Post Graduate Certificate Programs (01)</b>										
4.02	PG Certificate Panchakarma	6 mnt	1	63,000	-	63,000	-	-	-	63,000
<b>Certificate Programs (01)</b>										
4.03	Certificate Panchakarma Technician & Massage Therapist	1	1	16,000	-	16,000	-	-	-	16,000
<b>5 Manipal College of Dental Sciences (MCOADS), Manipal</b>										
<b>Post Graduate Diploma Programs (03)</b>										
5.12	PG Certificate Aesthetic Dentistry	1	1	4,19,000	-	4,19,000	-	-	-	4,19,000
5.13	PG Certificate Laser Dentistry	6 mnt	1	2,06,000	-	2,06,000	-	-	-	2,06,000
5.14	PG Certificate Oral Implantology	1	1	5,53,000	-	5,53,000	-	-	-	5,53,000
<b>6 Manipal College of Dental Sciences, Mangalore</b>										
<b>Fellowship Programs (01)</b>										
6.12	Fellowship Restorative Dentistry	1	1	6,19,000	-	6,19,000	-	-	-	6,19,000
<b>7 Manipal College of Pharmaceutical Sciences (MCOPS), Manipal</b>										
<b>Diploma Programs (01)</b>										
7.01	Diploma in Pharmacy (DPHarm)	2	2	84,000	5,000	89,000	84,000	-	-	1,73,000
<b>Under Graduate Programs (03)</b>										
7.02	Bachelor of Pharmacy (BPharm)	4	4	4,16,000	10,000	4,26,000	4,16,000	4,16,000	4,16,000	16,74,000
7.02	Bachelor of Pharmacy (BPharm) - Lateral	3	3	4,16,000	10,000	4,26,000	4,16,000	4,16,000	-	12,58,000
7.03	Doctor of Pharmacy (PharmD)	6	5	6,35,000	10,000	6,45,000	6,35,000	6,35,000	6,35,000	31,85,000
<b>Post Graduate Programs (12)</b>										
7.04	MPHarm Industrial Pharmacy	2	2	5,71,000	10,000	5,81,000	5,71,000	-	-	11,52,000
7.05	MPHarm Pharmaceutical Administration	2	2	5,55,000	10,000	5,65,000	5,55,000	-	-	11,20,000
7.06	MPHarm Pharmaceutical Analysis	2	2	5,55,000	10,000	5,65,000	5,55,000	-	-	11,20,000
7.07	MPHarm Pharmaceutical Biotechnology	2	2	5,33,000	10,000	5,43,000	5,33,000	-	-	10,76,000
7.08	MPHarm Pharmaceutical Chemistry	2	2	5,33,000	10,000	5,43,000	5,33,000	-	-	10,76,000

**COURSE FEES**

For Candidates from Nepal - Bhutan

**General Category**

CODE	COURSE	Course Duration (in years)	Total # of fee installments (yearly)	Course Fee & Caution Deposit						General Category			
				2022-23 Batch I Installment Fee (₹)	2022-23 Batch II Installment Fee (₹)	2022-23 Batch I Installment Total (₹)	2022-23 Batch II Installment Fee (₹)	2022-23 Batch III Installment Fee (₹)	2022-23 Batch IV Installment Fee (₹)	2022-23 Batch V Installment Fee (₹)	2022-23 Total Fee (₹) (including caution Deposit)		
7.09	MPharm Pharmaceutical Quality Assurance	2	2	5,71,000	5,71,000	5,81,000	5,71,000	-	-	-	-	11,52,000	
7.1	MPharm Pharmaceutical Regulatory Affairs	2	2	5,71,000	5,71,000	5,81,000	5,71,000	-	-	-	-	11,52,000	
7.11	MPharm Pharmaceuticals	2	2	5,71,000	5,71,000	5,81,000	5,71,000	-	-	-	-	11,52,000	
7.12	MPharm Pharmacognosy	2	2	5,33,000	5,33,000	5,43,000	5,33,000	-	-	-	-	10,76,000	
7.13	MPharm Pharmacology	2	2	5,71,000	5,71,000	5,81,000	5,71,000	-	-	-	-	11,52,000	
7.14	MPharm Pharmacy Practice	2	2	5,33,000	5,33,000	5,43,000	5,33,000	-	-	-	-	10,76,000	
7.15	PharmD Post Baccalaureate	3	2	6,19,000	6,19,000	6,29,000	6,19,000	-	-	-	-	12,48,000	
<b>8</b>	<b>Manipal College of Health Professions (MCHP), Manipal</b>												
<b>Under Graduate Programs (22)</b>													
8.01	Bachelor in Audiology & Speech Language Pathology (BASLP)	4	3	3,33,000	3,33,000	3,43,000	3,33,000	3,33,000	-	-	-	-	10,09,000
8.02	Bachelor of Occupational Therapy - BOT	4.5	4	3,33,000	3,33,000	3,43,000	3,33,000	3,33,000	3,33,000	-	-	-	13,42,000
8.03	Bachelor of Optometry - B.Optom	4	3	2,65,000	2,65,000	2,75,000	2,65,000	2,65,000	-	-	-	-	8,05,000
8.04	Bachelor of Physiotherapy - BPT	4.5	4	3,33,000	3,33,000	3,43,000	3,33,000	3,33,000	-	-	-	-	13,42,000
8.05	B.Sc.Anaesthesia & Operation Theatre Technology	4	3	2,29,000	2,29,000	2,39,000	2,29,000	2,29,000	-	-	-	-	6,97,000
8.06	B.Sc.Cardiovascular Technology	4	3	3,33,000	3,33,000	3,43,000	3,33,000	3,33,000	-	-	-	-	10,09,000
8.07	B.Sc.Clinical Nutrition & Dietetics	4	3	1,51,000	1,51,000	1,61,000	1,51,000	1,51,000	-	-	-	-	4,63,000
8.08	B.Sc.Emergency Medical Technology	4	3	2,39,000	2,39,000	2,49,000	2,39,000	2,39,000	-	-	-	-	7,27,000
8.09	B.Sc.Exercise & Sports Sciences	3	3	2,28,000	2,28,000	2,38,000	2,28,000	2,28,000	-	-	-	-	6,94,000
8.09	B.Sc.(Hons) Exercise & Sports Sciences	4	4	2,28,000	2,28,000	2,38,000	2,28,000	2,28,000	2,28,000	-	-	-	9,22,000
8.1	B.Sc.Health Information Management	4	3	1,98,000	1,98,000	2,08,000	1,98,000	1,98,000	-	-	-	-	6,04,000
8.11	B.Sc.Medical Imaging Technology	4	3	2,65,000	2,65,000	2,75,000	2,65,000	2,65,000	-	-	-	-	8,05,000
8.12	B.Sc.Medical Laboratory Technology	4	3	1,51,000	1,51,000	1,61,000	1,51,000	1,51,000	-	-	-	-	4,63,000
8.13	B.Sc.Nuclear Medicine Technology	4	3	3,33,000	3,33,000	3,43,000	3,33,000	3,33,000	-	-	-	-	10,09,000
8.14	B.Sc.Perfusion Technology	4	3	2,28,000	2,28,000	2,38,000	2,28,000	2,28,000	-	-	-	-	6,94,000
8.15	B.Sc.Physician Assistant	4	3	1,98,000	1,98,000	2,08,000	1,98,000	1,98,000	-	-	-	-	6,04,000

**COURSE FEES**

For Candidates from Nepal - Bhutan

CODE	COURSE	Course Duration (in years)	Total # of fee installments (yearly)	Course Fee & Caution Deposit							General Category	
				2022-23 Batch I Installment Fee (₹)	Caution Deposit (Refundable)	2022-23 Batch I Installment Total (₹)	2022-23 Batch II Installment Fee (₹)	2022-23 Batch III Installment Fee (₹)	2022-23 Batch IV Installment Fee (₹)	2022-23 Batch V Installment Fee (₹)	2022-23 Batch Total Fee (₹) (including caution Deposit)	
				2022-23 Batch I Installment Fee (₹)	2022-23 Batch I Installment Fee (₹)	2022-23 Batch I Installment Fee (₹)	2022-23 Batch I Installment Fee (₹)	2022-23 Batch I Installment Fee (₹)	2022-23 Batch I Installment Fee (₹)	2022-23 Batch I Installment Fee (₹)		
8.16	B.Sc.Prosthetics & Orthotics	4.5	4	1,98,000	10,000	2,08,000	1,98,000	1,98,000	1,98,000	-	8,02,000	
8.17	B.Sc.Psychology	3	3	2,50,000	10,000	2,60,000	2,50,000	2,50,000	-	-	7,60,000	
8.17	B.Sc.(Hons) Psychology	4	4	2,50,000	10,000	2,60,000	2,50,000	2,50,000	2,50,000	-	10,10,000	
8.18	B.Sc. Radiotherapy Technology	4	3	2,28,000	10,000	2,38,000	2,28,000	2,28,000	-	-	6,94,000	
8.19	B.Sc. Renal Replacement Therapy & Dialysis Technology	4	3	2,28,000	10,000	2,38,000	2,28,000	2,28,000	-	-	6,94,000	
8.2	B.Sc. Respiratory Therapy	4	3	2,91,000	10,000	3,01,000	2,91,000	2,91,000	-	-	8,83,000	
<b>Post Graduate Programs (33)</b>												
8.21	MOT Developmental Disabilities	2	2	3,81,000	10,000	3,91,000	3,81,000	-	-	-	7,72,000	
8.22	MOT Hand & Musculoskeletal Conditions	2	2	3,81,000	10,000	3,91,000	3,81,000	-	-	-	7,72,000	
8.23	MOT Mental Health & Psychosocial Rehabilitation	2	2	3,81,000	10,000	3,91,000	3,81,000	-	-	-	7,72,000	
8.24	MOT Neuro Rehabilitation	2	2	3,81,000	10,000	3,91,000	3,81,000	-	-	-	7,72,000	
8.25	Master of Optometry	2	2	3,75,000	10,000	3,85,000	3,75,000	-	-	-	7,60,000	
8.26	MPT Cardiopulmonary Sciences	2	2	5,25,000	10,000	5,35,000	5,25,000	-	-	-	10,60,000	
8.27	MPT Community Physiotherapy	2	2	5,25,000	10,000	5,35,000	5,25,000	-	-	-	10,60,000	
8.28	MPT Geriatrics	2	2	5,25,000	10,000	5,35,000	5,25,000	-	-	-	10,60,000	
8.29	MPT Musculoskeletal Sciences	2	2	5,25,000	10,000	5,35,000	5,25,000	-	-	-	10,60,000	
8.3	MPT Neurosciences	2	2	5,25,000	10,000	5,35,000	5,25,000	-	-	-	10,60,000	
8.31	MPT Obstetrics & Gynaecology	2	2	5,25,000	10,000	5,35,000	5,25,000	-	-	-	10,60,000	
8.32	MPT Paediatrics	2	2	5,25,000	10,000	5,35,000	5,25,000	-	-	-	10,60,000	
8.33	M.Sc. Anaesthesia & Operation Theatre Technology	2	2	2,71,000	10,000	2,81,000	2,71,000	-	-	-	5,52,000	
8.34	M.Sc. Audiology	2	2	5,25,000	10,000	5,35,000	5,25,000	-	-	-	10,60,000	
8.35	M.Sc. Cardiac Catheterization & Intervention Technology	2	2	3,94,000	10,000	4,04,000	3,94,000	-	-	-	7,98,000	
8.36	M.Sc. Clinical Psychology	2	2	4,41,000	10,000	4,51,000	4,41,000	-	-	-	8,92,000	
8.37	M.Sc. Echocardiography	2	2	3,33,000	10,000	3,43,000	3,33,000	-	-	-	6,76,000	
8.38	M.Sc. Emergency Medical Technology	2	2	2,71,000	10,000	2,81,000	2,71,000	-	-	-	5,52,000	

CODE		COURSE	For Candidates from Nepal - Bhutan	Course Duration (in years)	Total # of fee installments (yearly)	General Category							
						Course Fee & Caution Deposit			2022-23				
						2022-23 Batch I Installment Fee (₹)	Caution Deposit (Refundable)	2022-23 Batch I Installment Total (₹)	2022-23 Batch II Installment Fee (₹)	2022-23 Batch III Installment Fee (₹)	2022-23 Batch IV Installment Fee (₹)	2022-23 Batch V Installment Fee (₹)	2022-23 Total Fee (₹) (including caution Deposit)
8.39		M.Sc. Exercise & Sports Sciences		2	2	2,75,000	10,000	2,85,000	2,75,000	-	-	-	5,60,000
8.4		M.Sc. Health Informatics (Healthcare IT Management)		2	2	2,31,000	10,000	2,41,000	2,31,000	-	-	-	4,72,000
8.41		M.Sc. Health Information Management		2	2	2,31,000	10,000	2,41,000	2,31,000	-	-	-	4,72,000
8.42		M.Sc. Medical Imaging Technology		2	2	4,04,000	10,000	4,14,000	4,04,000	-	-	-	8,18,000
8.43		M.Sc. Medical Radiation Physics		2	2	2,75,000	10,000	2,85,000	2,75,000	-	-	-	5,60,000
8.44		M.Sc. Nuclear Medicine Technology		2	2	3,33,000	10,000	3,43,000	3,33,000	-	-	-	6,76,000
8.45		M.Sc. Perfusion Technology		2	2	2,75,000	10,000	2,85,000	2,75,000	-	-	-	5,60,000
8.46		M.Sc. Renal Replacement Therapy & Dialysis Technology		2	2	3,46,000	10,000	3,56,000	3,46,000	-	-	-	7,02,000
8.47		M.Sc. Speech Language Pathology		2	2	5,25,000	10,000	5,35,000	5,25,000	-	-	-	10,60,000
8.48		M.Sc. MLT Clinical Biochemistry		2	2	2,71,000	10,000	2,81,000	2,71,000	-	-	-	5,52,000
8.49		M.Sc. MLT Haematology & Immunohaematology		2	2	2,71,000	10,000	2,81,000	2,71,000	-	-	-	5,52,000
8.5		M.Sc. MLT Microbiology & Immunology		2	2	2,71,000	10,000	2,81,000	2,71,000	-	-	-	5,52,000
8.51		M.Sc. MLT Public Health Laboratory Science		2	2	2,71,000	10,000	2,81,000	2,71,000	-	-	-	5,52,000
8.52		M.Sc. RT Adult Respiratory Care		2	2	3,03,000	10,000	3,13,000	3,03,000	-	-	-	6,16,000
8.53		M.Sc. RT Neonatal & Paediatric Respiratory Care		2	2	3,03,000	10,000	3,13,000	3,03,000	-	-	-	6,16,000
Super Speciality Programs (01)													
8.54		MPhil Clinical Psychology		2	2	4,16,000	10,000	4,26,000	4,16,000	-	-	-	8,42,000
10 Manipal College of Nursing, Manipal													
Under Graduate Programs (02)													
10.01		B.Sc. Nursing		4	4	2,09,000	10,000	2,19,000	2,09,000	2,09,000	2,09,000	-	8,46,000
10.02		Post Basic B.Sc. Nursing		2	2	1,31,000	10,000	1,41,000	1,31,000	-	-	-	2,72,000
Post Graduate Programs (06)													
10.03		M.Sc. Child Health (Paediatric Nursing)		2	2	2,06,000	10,000	2,16,000	2,06,000	-	-	-	4,22,000
10.04		M.Sc. Community Health Nursing		2	2	2,06,000	10,000	2,16,000	2,06,000	-	-	-	4,22,000

CODE		COURSE	Course Duration (in years)	Total # of fee installments (yearly)	Course Fee & Caution Deposit							General Category	
					2022-23 Batch I Installment Fee (₹)	Caution Deposit (Refundable)	2022-23 Batch I Installment Total (₹)	2022-23 Batch II Installment Fee (₹)	2022-23 Batch III Installment Fee (₹)	2022-23 Batch IV Installment Fee (₹)	2022-23 Batch V Installment Fee (₹)	2022-23 Batch Total Fee (₹) (including caution Deposit)	
10.05	M.Sc. Medical Surgical Nursing	2	2	2,06,000	10,000	2,16,000	2,06,000	-	-	-	-	4,22,000	
10.06	M.Sc. Obstetrics & Gynaecology Nursing	2	2	2,06,000	10,000	2,16,000	2,06,000	-	-	-	-	4,22,000	
10.07	M.Sc. Psychiatric (Mental Health) Nursing	2	2	2,06,000	10,000	2,16,000	2,06,000	-	-	-	-	4,22,000	
10.08	Nurse Practitioner Critical Care Postgraduate Residency Program	2	2	2,06,000	10,000	2,16,000	2,06,000	-	-	-	-	4,22,000	
<b>11</b>	<b>Manipal School of Life Sciences (MSLS), Manipal</b>												
<b>Under Graduate Programs (02)</b>													
11.01	B.Sc. Biotechnology	3	3	1,90,000	10,000	2,00,000	1,90,000	1,90,000	1,90,000	-	-	5,80,000	
11.01	B.Sc.(Hons) Biotechnology	4	4	1,90,000	10,000	2,00,000	1,90,000	1,90,000	1,90,000	1,90,000	-	7,70,000	
<b>Post Graduate Programs (07)</b>													
11.02	M.Sc. Bioinformatics	2	2	2,09,000	10,000	2,19,000	2,09,000	-	-	-	-	4,28,000	
11.03	M.Sc. Genome Engineering	2	2	3,65,000	10,000	3,75,000	3,65,000	-	-	-	-	7,40,000	
11.04	M.Sc. Medical Biotechnology	2	2	3,65,000	10,000	3,75,000	3,65,000	-	-	-	-	7,40,000	
11.05	M.Sc. Molecular Biology & Human Genetics	2	2	3,65,000	10,000	3,75,000	3,65,000	-	-	-	-	7,40,000	
11.06	M.Sc. Systems Biology	2	2	3,03,000	10,000	3,13,000	3,03,000	-	-	-	-	6,16,000	
11.07	M.Sc. Tissue Engineering	2	2	3,65,000	10,000	3,75,000	3,65,000	-	-	-	-	7,40,000	
11.08	M.Sc. by Research in Life Sciences	2	2	3,65,000	10,000	3,75,000	3,65,000	-	-	-	-	7,40,000	
<b>Post Graduate Diploma Programs (01)</b>													
11.09	PG Diploma Cellular & Molecular Diagnostics	1	1	63,000	-	63,000	-	-	-	-	-	63,000	
<b>12</b>	<b>Prasanna School of Public Health (PSPH), Manipal</b>												
<b>Post Graduate Programs (12)</b>													
12.01	Master of Hospital Administration	2	2	2,78,000	10,000	2,88,000	2,78,000	-	-	-	-	5,66,000	
12.02	MPH Environment & Occupational Health	2	2	2,11,000	10,000	2,21,000	2,11,000	-	-	-	-	4,32,000	
12.03	MPH Epidemiology	2	2	2,11,000	10,000	2,21,000	2,11,000	-	-	-	-	4,32,000	



**COURSE FEES**

For Candidates from Nepal - Bhutan

**General Category**

CODE	COURSE	Course Duration (in years)	Total # of fee installments (yearly)	Course Fee & Caution Deposit						General Category	
				2022-23 Batch I Installment Fee (₹)	Caution Deposit (Refundable)	2022-23 Batch I Installment Total (₹)	2022-23 Batch II Installment Fee (₹)	2022-23 Batch III Installment Fee (₹)	2022-23 Batch IV Installment Fee (₹)	2022-23 Batch V Installment Fee (₹)	2022-23 Batch Total Fee (₹) (including caution Deposit)
12.04	MPH Global Health	2	2	2,11,000	10,000	2,21,000	2,11,000	-	-	-	4,32,000
12.05	MPH Health Policy	2	2	2,11,000	10,000	2,21,000	2,11,000	-	-	-	4,32,000
12.06	MPH Maternal & Child Health	2	2	2,11,000	10,000	2,21,000	2,11,000	-	-	-	4,32,000
12.07	M.Sc. Biostatistics	2	2	1,63,000	10,000	1,73,000	1,63,000	-	-	-	3,36,000
12.08	M.Sc. Data Science	2	2	2,20,000	10,000	2,30,000	2,20,000	-	-	-	4,50,000
12.09	M.Sc. Digital Epidemiology	2	2	2,28,000	10,000	2,38,000	2,28,000	-	-	-	4,66,000
12.1	MSW Community Development	2	2	1,15,000	5,000	1,20,000	1,15,000	-	-	-	2,35,000
12.11	MSW Human Resource Management & Industrial Relations	2	2	1,15,000	5,000	1,20,000	1,15,000	-	-	-	2,35,000
12.12	MSW Medical and Psychiatric Social Work	2	2	1,15,000	5,000	1,20,000	1,15,000	-	-	-	2,35,000
Certificate Programs (01)											
12.13	Certificate Leadership in Public Health	1	1	1,51,000	-	1,51,000	-	-	-	-	1,51,000
<b>13</b>	<b>Manipal Institute of Virology (MIV), Manipal</b>										
Post Graduate Programs (01)											
13.01	M.Sc. Clinical Virology	2	2	2,25,000	10,000	2,35,000	2,25,000	-	-	-	4,60,000
<b>14</b>	<b>Manipal Institute of Regenerative Medicine (MIRM), Bangalore</b>										
Post Graduate Programs (01)											
14.01	M.Sc. Stem Cell Technology & Regenerative Biology	2	2	4,26,000	10,000	4,36,000	4,26,000	-	-	-	8,62,000
Post Graduate Diploma Programs (01)											
14.02	Advanced PG Diploma Stem Cell & Regenerative Biology	1	1	3,24,000	-	3,24,000	-	-	-	-	3,24,000
Super Speciality Programs (01)											
14.03	MPhil Stem Cell Technology & Regenerative Biology	1	1	6,19,000	-	6,19,000	-	-	-	-	6,19,000
<b>15</b>	<b>Manipal Center for Biotherapeutics Research</b>										
Post Graduate Programs (01)											
15.01	M.Sc. by Research in Biotherapeutics	2	2	3,38,000	10,000	3,48,000	3,38,000	-	-	-	6,86,000

**COURSE FEES**

For Candidates from Nepal - Bhutan

**General Category**

CODE	COURSE	Course Duration (in years)	Total # of fee installments (yearly)	Course Fee & Caution Deposit						2022-23 Batch Total Fee (₹) (including caution Deposit)	
				2022-23 Batch I Installment Fee (₹)	Caution Deposit (₹) (Refundable)	2022-23 Batch I Installment Total (₹)	2022-23 Batch II Installment Fee (₹)	2022-23 Batch III Installment Fee (₹)	2022-23 Batch IV Installment Fee (₹)		2022-23 Batch V Installment Fee (₹)
<b>16</b>	<b>Manipal Institute of Technology, Manipal</b>										
<b>Under Graduate Programs (18)</b>											
16.01	B.Tech Aeronautical Engg	4	4	4,06,000	10,000	4,16,000	5,39,000	5,38,000	5,38,000	-	20,31,000
16.02	B.Tech Automobile Engg	4	4	4,06,000	10,000	4,16,000	5,39,000	5,38,000	5,38,000	-	20,31,000
16.03	B.Tech Biomedical Engg	4	4	4,06,000	10,000	4,16,000	4,06,000	4,06,000	4,06,000	-	16,34,000
16.04	B.Tech Biotechnology	4	4	4,06,000	10,000	4,16,000	4,06,000	4,06,000	4,06,000	-	16,34,000
16.05	B.Tech Chemical Engg	4	4	4,06,000	10,000	4,16,000	5,39,000	5,38,000	5,38,000	-	20,31,000
16.06	B.Tech Civil Engg	4	4	4,06,000	10,000	4,16,000	5,39,000	5,38,000	5,38,000	-	20,31,000
16.07	B.Tech Computer & Communication Engg	4	4	4,06,000	10,000	4,16,000	6,36,000	6,36,000	6,36,000	-	23,24,000
16.08	B.Tech Computer Science & Engg	4	4	4,06,000	10,000	4,16,000	6,36,000	6,36,000	6,36,000	-	23,24,000
16.09	B.Tech Computer Science & Engg (Artificial Intelligence & Machine Learning)	4	4	4,06,000	10,000	4,16,000	6,36,000	6,36,000	6,36,000	-	23,24,000
16.1	B.Tech Cyber Physical Systems	4	4	4,06,000	10,000	4,16,000	5,65,000	5,65,000	5,65,000	-	21,11,000
16.11	B.Tech Data Science & Engg	4	4	4,06,000	10,000	4,16,000	6,36,000	6,36,000	6,36,000	-	23,24,000
16.12	B.Tech Electrical & Electronics Engg	4	4	4,06,000	10,000	4,16,000	5,65,000	5,65,000	5,65,000	-	21,11,000
16.13	B.Tech Electronics & Communication Engg	4	4	4,06,000	10,000	4,16,000	6,36,000	6,36,000	6,36,000	-	23,24,000
16.14	B.Tech Electronics & Instrumentation Engg	4	4	4,06,000	10,000	4,16,000	4,06,000	4,06,000	4,06,000	-	16,34,000
16.15	B.Tech Industrial Engg	4	4	4,06,000	10,000	4,16,000	4,06,000	4,06,000	4,06,000	-	16,34,000
16.16	B.Tech Information Technology	4	4	4,06,000	10,000	4,16,000	6,36,000	6,36,000	6,36,000	-	23,24,000
16.17	B.Tech Mechanical Engg	4	4	4,06,000	10,000	4,16,000	5,39,000	5,38,000	5,38,000	-	20,31,000
16.18	B.Tech Mechatronics	4	4	4,06,000	10,000	4,16,000	5,39,000	5,38,000	5,38,000	-	20,31,000
<b>Post Graduate Programs (30)</b>											
16.2	M.Tech Applied Computational Fluid Dynamics	2	2	2,19,000	10,000	2,29,000	2,19,000	-	-	-	4,48,000
16.21	M.Tech Automobile Engg	2	2	2,19,000	10,000	2,29,000	2,19,000	-	-	-	4,48,000
16.22	M.Tech Avionics	2	2	2,50,000	10,000	2,60,000	2,50,000	-	-	-	5,10,000

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						2022-23 Batch I Installment Fee (₹)	Caution Deposit (Refundable)	2022-23 Batch I Installment Total (₹)	2022-23 Batch II Installment Fee (₹)	2022-23 Batch III Installment Fee (₹)	2022-23 Batch IV Installment Fee (₹)	2022-23 Batch V Installment Fee (₹)	2022-23 Batch Total Fee (₹) (including caution Deposit)	
16.23	M.Tech Biomedical Engg			2	2	2,19,000	10,000	2,29,000	2,19,000	-	-	-	-	4,48,000
16.24	M.Tech Chemical Engg			2	2	2,19,000	10,000	2,29,000	2,19,000	-	-	-	-	4,48,000
16.25	M.Tech Computer Aided Analysis & Design			2	2	2,74,000	10,000	2,84,000	2,74,000	-	-	-	-	5,58,000
16.26	M.Tech Computer Networking & Engg			2	2	2,50,000	10,000	2,60,000	2,50,000	-	-	-	-	5,10,000
16.27	M.Tech Computer Science & Engg			2	2	2,73,000	10,000	2,83,000	2,73,000	-	-	-	-	5,56,000
16.28	M.Tech Computer Science & Information Security			2	2	2,63,000	10,000	2,73,000	2,63,000	-	-	-	-	5,36,000
16.29	M.Tech Construction Engg & Management			2	2	2,63,000	10,000	2,73,000	2,63,000	-	-	-	-	5,36,000
16.3	M.Tech Control Systems			2	2	2,50,000	10,000	2,60,000	2,50,000	-	-	-	-	5,10,000
16.31	M.Tech Data Science			2	2	2,73,000	10,000	2,83,000	2,73,000	-	-	-	-	5,56,000
16.32	M.Tech Defence Technology			2	2	2,19,000	10,000	2,29,000	2,19,000	-	-	-	-	4,48,000
16.33	M.Tech Digital Electronics & Communication Engg			2	2	2,63,000	10,000	2,73,000	2,63,000	-	-	-	-	5,36,000
16.34	M.Tech Electric Vehicle Technology			2	2	2,50,000	10,000	2,60,000	2,50,000	-	-	-	-	5,10,000
16.35	M.Tech Engineering Management			2	2	2,50,000	10,000	2,60,000	2,50,000	-	-	-	-	5,10,000
16.36	M.Tech Environmental Engg			2	2	2,50,000	10,000	2,60,000	2,50,000	-	-	-	-	5,10,000
16.37	M.Tech Industrial Automation & Robotics			2	2	2,74,000	10,000	2,84,000	2,74,000	-	-	-	-	5,58,000
16.38	M.Tech Industrial Biotechnology			2	2	2,28,000	10,000	2,38,000	2,28,000	-	-	-	-	4,66,000
16.39	M.Tech Internet of Things			2	2	2,50,000	10,000	2,60,000	2,50,000	-	-	-	-	5,10,000
16.4	M.Tech Machine Intelligence & Decision Science			2	2	2,50,000	10,000	2,60,000	2,50,000	-	-	-	-	5,10,000
16.41	M.Tech Manufacturing Engg			2	2	2,50,000	10,000	2,60,000	2,50,000	-	-	-	-	5,10,000
16.42	M.Tech Medical Informatics			2	2	2,19,000	10,000	2,29,000	2,19,000	-	-	-	-	4,48,000
16.43	M.Tech Microelectronics			2	2	2,74,000	10,000	2,84,000	2,74,000	-	-	-	-	5,58,000
16.44	M.Tech Power Electronics & Drives			2	2	2,50,000	10,000	2,60,000	2,50,000	-	-	-	-	5,10,000
16.45	M.Tech Software Engg			2	2	2,50,000	10,000	2,60,000	2,50,000	-	-	-	-	5,10,000
16.46	M.Tech Structural Engg			2	2	2,74,000	10,000	2,84,000	2,74,000	-	-	-	-	5,58,000

CODE		COURSE	Course Duration (in years)	Total # of fee installments (yearly)	Course Fee & Caution Deposit							General Category	
					2022-23 Batch I Installment Fee (₹)	Caution Deposit (Refundable)	2022-23 Batch I Installment Total (₹)	2022-23 Batch II Installment Fee (₹)	2022-23 Batch III Installment Fee (₹)	2022-23 Batch IV Installment Fee (₹)	2022-23 Batch V Installment Fee (₹)	2022-23 Batch Total Fee (₹) (including caution Deposit)	
16.47	M.Tech Thermal Sciences & Energy Systems	2	2	2,50,000	10,000	2,60,000	2,50,000	-	-	-	-	5,10,000	
16.48	M.Tech Wireless & Mobile Communication	2	2	2,50,000	10,000	2,60,000	2,50,000	-	-	-	-	5,10,000	
16.49	Master of Computer Applications (MCA)	2	2	2,33,000	10,000	2,43,000	2,33,000	-	-	-	-	4,76,000	
<b>17</b>	<b>Manipal Institute of Technology, Bengaluru</b>												
Under Graduate Programs (05)													
17.01	B.Tech Computer Science & Engg	4	4	4,06,000	10,000	4,16,000	6,36,000	6,36,000	6,36,000	6,36,000	-	23,24,000	
17.02	B.Tech Computer Science & Engg (Artificial Intelligence)	4	4	4,06,000	10,000	4,16,000	6,36,000	6,36,000	6,36,000	6,36,000	-	23,24,000	
17.03	B.Tech Computer Science & Engg (Cyber Security)	4	4	4,06,000	10,000	4,16,000	6,36,000	6,36,000	6,36,000	6,36,000	-	23,24,000	
17.04	B.Tech Electronics & Communication Engg	4	4	4,06,000	10,000	4,16,000	6,36,000	6,36,000	6,36,000	6,36,000	-	23,24,000	
17.05	B.Tech Information Technology	4	4	4,06,000	10,000	4,16,000	6,36,000	6,36,000	6,36,000	6,36,000	-	23,24,000	
<b>18</b>	<b>Department of Science (DSC), Manipal</b>												
Under Graduate Programs (01)													
18.01	Integrated M.Sc. Mathematics & Computing	5	5	1,56,000	10,000	1,66,000	1,56,000	1,56,000	1,56,000	1,56,000	-	7,90,000	
Post Graduate Programs (04)													
18.02	M.Sc. Applied Mathematics & Computing	2	2	1,21,000	5,000	1,26,000	1,21,000	-	-	-	-	2,47,000	
18.03	M.Sc. Chemistry	2	2	1,21,000	5,000	1,26,000	1,21,000	-	-	-	-	2,47,000	
18.04	M.Sc. Geology	2	2	1,21,000	5,000	1,26,000	1,21,000	-	-	-	-	2,47,000	
18.05	M.Sc. Physics	2	2	1,21,000	5,000	1,26,000	1,21,000	-	-	-	-	2,47,000	
<b>19</b>	<b>Manipal School of Information Sciences (MSIS), Manipal</b>												
Post Graduate Programs (05)													
19.01	ME Artificial Intelligence & Machine Learning	2	2	2,89,000	10,000	2,99,000	2,89,000	-	-	-	-	5,88,000	
19.02	ME Big Data Analytics	2	2	2,89,000	10,000	2,99,000	2,89,000	-	-	-	-	5,88,000	

**COURSE FEES**

For Candidates from Nepal - Bhutan

**General Category**

CODE	COURSE	Course Duration (in years)	Total # of fee installments (yearly)	Course Fee & Caution Deposit						General Category		
				2022-23 Batch I Installment Fee (₹)	Caution Deposit (Refundable)	2022-23 Batch I Installment Total (₹)	2022-23 Batch II Installment Fee (₹)	2022-23 Batch III Installment Fee (₹)	2022-23 Batch IV Installment Fee (₹)	2022-23 Batch V Installment Fee (₹)	2022-23 Batch Total Fee (₹) (including caution Deposit)	
19.03	ME Cloud Computing	2	2	2,89,000	10,000	2,99,000	2,89,000	-	-	-	-	5,88,000
19.04	ME Embedded Systems	2	2	2,89,000	10,000	2,99,000	2,89,000	-	-	-	-	5,88,000
19.05	ME VLSI Design	2	2	2,89,000	10,000	2,99,000	2,89,000	-	-	-	-	5,88,000
<b>20</b>	<b>Manipal School of Architecture &amp; Planning (MSAP), Manipal</b>											
Under Graduate Programs (01)												
20.01	Bachelor of Architecture (BArch)	5	5	5,08,000	10,000	5,18,000	5,08,000	5,08,000	5,08,000	5,08,000	5,08,000	25,50,000
Post Graduate Programs (02)												
20.02	MArch Urban Design & Development	2	2	2,36,000	10,000	2,46,000	2,36,000	-	-	-	-	4,82,000
20.03	MDes Sustainable Design	2	2	2,04,000	10,000	2,14,000	2,04,000	-	-	-	-	4,18,000
<b>21</b>	<b>Department of Design (DOD), Manipal</b>											
Under Graduate Programs (02)												
21.01	BDes Fashion Design	4	4	2,83,000	10,000	2,93,000	2,83,000	2,83,000	2,83,000	2,83,000	-	11,42,000
21.02	BDes Interior Design	4	4	2,83,000	10,000	2,93,000	2,83,000	2,83,000	2,83,000	2,83,000	-	11,42,000
Post Graduate Programs (02)												
21.03	MA Fashion Management	2	2	1,51,000	10,000	1,61,000	1,51,000	-	-	-	-	3,12,000
21.04	MDes Interior Design	2	2	2,41,000	10,000	2,51,000	2,41,000	-	-	-	-	4,92,000
Certificate Programs (01)												
21.05	Certificate Fashion Design	1	1	1,38,000	-	1,38,000	-	-	-	-	-	1,38,000
<b>24</b>	<b>Manipal Centre for Business Practice (MCBP) Bengaluru</b>											
Under Graduate Programs (02)												
24.01	BA Data Sciences	3	3	5,00,000	10,000	5,10,000	5,00,000	5,00,000	5,00,000	5,00,000	-	15,10,000
24.02	Integrated Program in Management (IPM)	5	5	3,75,000	10,000	3,85,000	3,75,000	3,75,000	3,75,000	5,63,000	5,63,000	22,61,000
Post Graduate Programs (02)												
24.03	PGP in Analytical Consulting	1	1	25,00,000	-	25,00,000	-	-	-	-	-	25,00,000
24.04	PGP in General Management	1	1	25,00,000	-	25,00,000	-	-	-	-	-	25,00,000



COURSE FEES		For Candidates from Nepal - Bhutan		General Category									
CODE	COURSE	Department of Commerce (DOC), Manipal	Course Duration (in years)	Total # of fee installments (yearly)	Course Fee & Caution Deposit						2022-23		
					2022-23 Batch I Installment Fee (₹)	2022-23 Batch II Installment Fee (₹)	2022-23 Batch III Installment Fee (₹)	2022-23 Batch IV Installment Fee (₹)	2022-23 Batch V Installment Fee (₹)	2022-23 Batch Total Fee (₹)	2022-23 Batch Total Fee (₹) (including caution Deposit)		
					Caution Deposit (₹) (Refundable)	2022-23 Batch I Installment Total (₹)	2022-23 Batch II Installment Fee (₹)	2022-23 Batch III Installment Fee (₹)	2022-23 Batch IV Installment Fee (₹)	2022-23 Batch V Installment Fee (₹)	2022-23 Batch Total Fee (₹)		
25	Department of Commerce (DOC), Manipal												
Under Graduate Programs (12)													
25.01	BBA Banking		3	3	2,31,000	2,41,000	2,31,000	2,31,000	2,31,000	2,31,000	7,03,000		
25.02	BBA Business Analytics		3	3	2,31,000	2,41,000	2,31,000	2,31,000	2,31,000	2,31,000	7,03,000		
25.03	BBA Economic Studies		3	3	2,31,000	2,41,000	2,31,000	2,31,000	2,31,000	2,31,000	7,03,000		
25.04	BBA Family Business Management		3	3	2,31,000	2,41,000	2,31,000	2,31,000	2,31,000	2,31,000	7,03,000		
25.05	BBA Financial Markets		3	3	2,31,000	2,41,000	2,31,000	2,31,000	2,31,000	2,31,000	7,03,000		
25.06	BBA Human Resource Management		3	3	2,31,000	2,41,000	2,31,000	2,31,000	2,31,000	2,31,000	7,03,000		
25.07	BBA Insurance		3	3	2,31,000	2,41,000	2,31,000	2,31,000	2,31,000	2,31,000	7,03,000		
25.08	BBA Logistics & Supply Chain Management		3	3	2,31,000	2,41,000	2,31,000	2,31,000	2,31,000	2,31,000	7,03,000		
25.09	BBA Marketing		3	3	2,31,000	2,41,000	2,31,000	2,31,000	2,31,000	2,31,000	7,03,000		
25.1	BBA Professional		3	3	2,31,000	2,41,000	2,31,000	2,31,000	2,31,000	2,31,000	7,03,000		
25.11	BCom Business Process Servissess		3	3	2,11,000	2,21,000	2,11,000	2,11,000	2,11,000	2,11,000	6,43,000		
25.12	BCom Professional		3	3	2,11,000	2,21,000	2,11,000	2,11,000	2,11,000	2,11,000	6,43,000		
Post Graduate Programs (07)													
25.13	MA Digital & Creative Marketing		2	2	2,75,000	2,85,000	2,75,000	-	-	-	5,60,000		
25.14	MCom Banking Technology		2	2	1,00,000	1,05,000	1,00,000	-	-	-	2,05,000		
25.15	MCom Logistics & Supply Chain		2	2	1,00,000	1,05,000	1,00,000	-	-	-	2,05,000		
25.16	MCom Professional		2	2	1,00,000	1,05,000	1,00,000	-	-	-	2,05,000		
25.17	M.Sc. Business Analytics		2	2	2,28,000	2,38,000	2,28,000	-	-	-	4,66,000		
25.18	M.Sc. Financial Economics		2	2	2,28,000	2,38,000	2,28,000	-	-	-	4,66,000		
25.19	M.Sc. Health Economics		2	2	2,28,000	2,38,000	2,28,000	-	-	-	4,66,000		
Post Graduate Diploma Programs (01)													
25.2	PG Diploma Logistics & Supply Chain		1	1	2,18,000	2,18,000	-	-	-	-	2,18,000		
26	Department of Atomic and Molecular Physics (DAMP), Manipal												
Post Graduate Programs (02)													
26.01	M.Sc. Nanoscience & Technology		2	2	1,21,000	1,26,000	1,21,000	-	-	-	2,47,000		
26.02	M.Sc. Photonics		2	2	1,21,000	1,26,000	1,21,000	-	-	-	2,47,000		

**COURSE FEES**

For Candidates from Nepal - Bhutan

**General Category**

CODE	COURSE	Course Duration (in years)	Total # of fee installments (yearly)	Course Fee & Caution Deposit						2022-23 Batch Total Fee (₹) (including caution Deposit)	
				2022-23 Batch I Installment Fee (₹)	Caution Deposit (Refundable)	2022-23 Batch I Installment Total (₹)	2022-23 Batch II Installment Fee (₹)	2022-23 Batch III Installment Fee (₹)	2022-23 Batch IV Installment Fee (₹)		
<b>27</b>	<b>Welcomgroup Graduate School of Hotel Administration (WGSHA), Manipal</b>										
	<b>Under Graduate Programs (02)</b>										
27.01	Bachelor of Hotel Management (BHM)	4	4	4,65,000	10,000	4,75,000	4,65,000	4,65,000	4,65,000	-	18,70,000
27.02	BA Culinary Arts	3	3	4,38,000	10,000	4,48,000	4,38,000	4,38,000	-	-	13,24,000
	<b>Post Graduate Programs (03)</b>										
27.03	MA Indian Cuisine & Food Culture	2	2	3,63,000	10,000	3,73,000	3,63,000	-	-	-	7,36,000
27.04	Master of Hotel Management	2	2	3,44,000	10,000	3,54,000	3,44,000	-	-	-	6,98,000
27.05	M.Sc. Dietetics & Applied Nutrition	2	2	2,50,000	10,000	2,60,000	2,50,000	-	-	-	5,10,000
<b>28</b>	<b>Manipal Centre for Natural Sciences (MCNS), Manipal</b>										
	<b>Post Graduate Programs (01)</b>										
28.01	Integrated M.Sc. - PhD Natural Sciences	2+3	2	1,21,000	5,000	1,26,000	1,21,000	-	-	-	2,47,000
<b>30</b>	<b>Manipal Institute of Communication (MIC), Manipal</b>										
	<b>Under Graduate Programs (03)</b>										
30.01	BA Media & Communication	3	3	3,00,000	10,000	3,10,000	3,00,000	3,00,000	-	-	9,10,000
30.02	B.Sc. Animation	3	3	3,06,000	10,000	3,16,000	3,06,000	3,06,000	-	-	9,28,000
30.03	BVoc Graphics and Digital Media	3	3	2,38,000	10,000	2,48,000	2,38,000	2,38,000	-	-	7,24,000
	<b>Post Graduate Programs (02)</b>										
30.04	MA Film Art & Film Making	1+1	1	3,69,000	-	3,69,000	-	-	-	-	3,69,000
30.05	MA Media & Communication	2	2	4,13,000	10,000	4,23,000	4,13,000	-	-	-	8,36,000
	<b>Post Graduate Diploma Programs (03)</b>										
30.06	PG Diploma Corporate Communication	1	1	2,30,000	-	2,30,000	-	-	-	-	2,30,000
30.07	PG Diploma Health Communication	1	1	2,30,000	-	2,30,000	-	-	-	-	2,30,000
30.08	PG Diploma Sports Communication	1	1	1,10,000	-	1,10,000	-	-	-	-	1,10,000
	<b>Certificate Programs (01)</b>										
30.09	Certificate Animation Technology	6 mnt	1	83,000	-	83,000	-	-	-	-	83,000

**COURSE FEES**

For Candidates from Nepal - Bhutan

**General Category**

CODE	COURSE	Course Duration (in years)	Total # of fee installments (yearly)	Course Fee & Caution Deposit						2022-23		
				2022-23 Batch I Installment Fee (₹)	2022-23 Batch I Installment Total (₹)	2022-23 Batch II Installment Fee (₹)	2022-23 Batch III Installment Fee (₹)	2022-23 Batch IV Installment Fee (₹)	2022-23 Batch V Installment Fee (₹)	2022-23 Total Fee (₹) (including caution Deposit)		
<b>31</b>	<b>Manipal Center for Humanities (MCH), Manipal</b>											
	Under Graduate Programs (01)											
31.01	BA Humanities	3	3	84,000	89,000	84,000	84,000	84,000	-	-	2,57,000	
	Post Graduate Programs (03)											
31.02	MA English	2	2	85,000	90,000	85,000	-	-	-	-	1,75,000	
31.03	MA History	2	2	85,000	90,000	85,000	-	-	-	-	1,75,000	
31.04	MA Sociology	2	2	85,000	90,000	85,000	-	-	-	-	1,75,000	
<b>32</b>	<b>Manipal Centre for European Studies (MCES), Manipal</b>											
	Under Graduate Programs (01)											
32.01	MA European Studies	2	2	1,00,000	1,05,000	1,00,000	-	-	-	-	2,05,000	
<b>33</b>	<b>Department of Languages (DLG), Manipal</b>											
	Under Graduate Programs (01)											
33.01	BA Foreign Languages & Intercultural Studies	3	3	1,04,000	1,09,000	1,04,000	1,04,000	1,04,000	-	-	3,17,000	
<b>34</b>	<b>Department of Philosophy (DPH), Manipal</b>											
	Post Graduate Programs (02)											
34.01	MA Indian Philosophy	2	2	38,000	43,000	38,000	-	-	-	-	81,000	
34.02	MA Sanskrit Studies	2	2	31,000	36,000	31,000	-	-	-	-	67,000	
	Post Graduate Diploma Programs (02)											
34.03	PG Diploma Indian Philosophy	1	1	38,000	-	-	-	-	-	-	38,000	
34.04	PG Diploma Sanskrit Studies	1	1	31,000	-	-	-	-	-	-	31,000	
<b>35</b>	<b>Department of Geopolitics &amp; International Relations (DGIR), Manipal</b>											
	Post Graduate Programs (01)											
35.01	MA Geopolitics & International Relations	2	2	1,75,000	1,85,000	1,75,000	-	-	-	-	3,60,000	
<b>36</b>	<b>Gandhian Centre for Philosophical Arts &amp; Sciences (GCPAS), Manipal</b>											
	Under Graduate Programs (01)											
36.01	BA Aesthetics & Peace Studies	4	4	63,000	68,000	63,000	63,000	63,000	63,000	-	2,57,000	

**COURSE FEES**

For Candidates from Nepal - Bhutan

**General Category**

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				2022-23 Batch I Installment Fee (₹)	Caution Deposit (₹) (Refundable)	2022-23 Batch I Installment Total (₹)	2022-23 Batch II Installment Fee (₹)	2022-23 Batch III Installment Fee (₹)	2022-23 Batch IV Installment Fee (₹)	2022-23 Batch V Installment Fee (₹)	
Post Graduate Programs (02)											
36.02	MA Art & Peace Studies	2	2	88,000	5,000	93,000	88,000	-	-	-	1,81,000
36.03	MA Ecosophical Aesthetics	2	2	88,000	5,000	93,000	88,000	-	-	-	1,81,000
<b>37</b>	<b>Department of Library &amp; Information Science (DLIS), Manipal</b>										
Post Graduate Programs (01)											
37.01	Master of Library and Information Sciences (M.Lib.I.Sc.)	2	2	63,000	5,000	68,000	63,000	-	-	-	1,31,000

The Program Fee given is tentative. The final fee will be determined on the basis of recommendation of a committee of experts. The Course Fees and Caution Deposit should be paid by the payment mode as communicated by the University.

### FEE REMITTANCE

**General Category Students:** The program fee at the time of admission must be paid in Indian Rupees (INR) via a Demand Draft (DD) in the name of "Manipal Academy of Higher Education", payable at Manipal or Udupi. The program fee for the subsequent years, must be paid online, on or before the due date notified by the university.

**Foreign / NRI category students:** The program fee at the time of admission must be paid in US Dollars (USD) by Wire Transfer. The program fee for the subsequent years, must be paid on or before the due date notified by the university.

All candidates must pay the fees at the time of counselling/admission. Failure to pay the fees on or before the date(s) specified will result in the instantaneous forfeiture of the seat as well as any fees already paid.

### EXPENSES FOR CLINICAL TRAINING, FIELD WORK & THESIS WORK

As part of curriculum, MPT, MOT, MSc in Audiology, MSc in Speech Language Pathology, MSc MIT, MSc NMT, MOptom, MSc Echocardiography, MSc CCIT and Nursing programs involve extensive community/field work outside Manipal. In addition, all MPT/MOT/ MSc in Audiology / MSc in Speech Language Pathology/MSc MIT/MSc NMT/ MOptom/MSc Echocardiography / MSc CCIT candidates will be posted to Manipal Academy of Higher Education's associated hospitals and other specialized hospitals outside of Manipal for clinical training. All the expenses related to such training and work must be borne by the candidates.

### TRAVEL GRANTS

Students of MSc (Medical) Clinical Embryology course can avail a travel grant not exceeding Rs. 1,10,000 for undergoing training abroad as approved by the University. Expenditure excluding this amount must be borne by the student. The travel grant is restricted to maximum of 4 students in an academic year during their 2nd year. Students shall be selected based on their performance in the 1st and 2nd semester examinations.

### SCHOLARSHIPS OFFERED

With the objective of encouraging meritorious students and academic excellence, many scholarships are offered to deserving candidates. The quantum of scholarship and the number of scholarships are subject to change from time to time. The various scholarships available to meritorious students are

1. Kalam-Pai, Freeship and Scholars Scholarship for MBBS & BDS Programs
2. Merit Scholarship for MD and MDS Programs
3. Freeship, Scholar and Achiever Scholarships for BTech
4. Freeship, Scholar and Achiever Scholarships for BPharm
5. Scholar and Achiever Scholarship for All Other Under Graduate (UG) & Post Graduate (PG) Programs
6. Board Toppers Scholarship for All Under Graduate (UG) Programs
7. Scholarships for Academy of General Education Students (SAGES)
8. Academy of General Education (AGE) Scholarship for AGE Students
9. Merit-cum-Means Scholarship for B.Sc. Nursing students
10. Merit Scholarship for BTech (Lateral Entry) students from Manipal Group Polytechnic Institutions
11. Merit Scholarships for Foreign / Non Resident Indian (NRI) Category Students
12. Merit Scholarship for Konkani speaking students
13. Merit Scholarship for Children of Manipal Alumni
14. Scholarship scheme of interest subsidy on education loan for MAHE students
15. AICTE Tuition Fee Waiver
16. Kadambi scholarship
17. ITC scholarship

For more information, visit [www.manipal.edu/scholarships](http://www.manipal.edu/scholarships)

### REFUND RULES

Manipal Academy of Higher Education (MAHE) follows the UG guidelines on Program fee refunds. If the student chooses to withdraw from the program of studies in which he/she is enrolled, the refund of the fees will be made as per the following UGC guidelines



No	Percentage of Refund of Aggregate fees *	Point of time when notice of withdrawal of admission is submitted to the University
1	100 % **	15 days or more, before the formally-notified last date of admission
2	90 %	less than 15 days before the formally-notified last date of admission
3	80 %	15 days or less, after the formally notified last date of admission
4	50 %	30 days or less, after the formally notified last date of admission
5	0 %	More than 30 days after the formally notified last date of admission

\* (Inclusive of course fees but exclusive of caution deposit)

\*\*

- In case of (1) in the table above, the University shall deduct 5 % of the aggregate fee or Rs. 5000 (whichever is lower), as processing charges from the refundable amount.
- Any student who withdraws from the course as mentioned in S.No.4 and thereafter will be required to remit to the University, in addition to the amount already forfeited, the course fee payable for the remaining period of the course
- In case of Foreign/NRI candidates, the refund will be made in accordance with RBI/foreign exchange regulations
- All refunds will be processed by the Student Finance Office of the University upon receiving the approval from the Registrar based on the recommendation of the Director (Admissions). Requests for withdrawals should be made in the prescribed application available at the Admissions Office. Refund will be made only after the candidate has surrendered the ID card, original fee receipt and the dues clearance certificate.
- Application and Entrance Test fees, wherever applicable, once remitted shall not be refunded under any circumstances
- Formally Notified last date of admission is the day prior to the class commencement date

The refund information given above is indicative only and Manipal Academy of Higher Education (MAHE) reserves the right to make changes as per the notifications received from the concerned statutory/regulatory authorities from time to time. Any changes in the above will be updated at [www.manipal.edu/fees](http://www.manipal.edu/fees)

**SCHEDULE OF HOSTEL FACILITIES FEES (1st year)#****Health Sciences Campus, Manipal****General Category Students**

Course	Hostel (Non-AC)	Type of Accommodation	Annual Hostel Facilities Fee (₹)	Hostel Deposit (₹)	Annual Utility Advance (₹)	Annual Mess Advance (₹)	Total Amount (₹)
<b>BOYS HOSTEL</b>							
MBBS, BDS, B Pharm, BScBiotechnology, UG Pharm D, UG AlliedHealth	Nehru 'A' Block	Double Attached	32,000	7,500	33,000	46,000	1,18,500
BSc Nursing	C V Raman	Double Common	19,000	-	33,000	46,000	98,000
MD, MS, MDS	NBQ	Single Attached	36,500	7,500	33,000	46,000	1,23,000
For All PG Students MSc Medical / PG-MCOPS / PG - MCON / PG-MCHP / PG MSLS / MSc Virology /MSc Biostatistics/ Public Health	Rabindranath Tagore	Double Attached	32,000	7,500	33,000	46,000	1,18,500
	C V Raman	Double Common	19,000	7,500	33,000	46,000	1,05,500
<b>GIRLS HOSTEL</b>							
MBBS, BDS, B Pharm & BSc Biotechnology	Indira Hostel	Single Attached	36,500	7,500	33,000	46,000	1,23,000
		Double Attached	32,000	7,500	33,000	46,000	1,18,500
Pharm D (UG)	Indira PG Block	Double Attached	32,000	7,500	33,000	46,000	1,18,500
	Indira RR Block	Double Common	19,000	7,500	33,000	46,000	1,05,500
Allied Health UG	Indira PG Block	Double Attached	32,000	7,500	33,000	46,000	1,18,500
	New Sarojini Block	Double Common	19,000	7,500	33,000	46,000	1,05,500
		Triple Common	15,000	7,500	33,000	46,000	1,01,500
B.Sc. Nursing	Kamaraj	Single Common	21,000	-	33,000	46,000	1,00,000
		Double Common	19,000	-	33,000	46,000	98,000
		Triple Attached	19,000	-	33,000	46,000	98,000
		Triple Common	15,000	-	33,000	46,000	94,000
		Quadruple Attached	14,000	-	33,000	46,000	93,000
		Quadruple Common	12,000	-	33,000	46,000	91,000
MD, MS	Sonia	Single Attached	36,500	7,500	33,000	46,000	1,23,000
MDS	Sharada	Double Attached	32,000	7,500	33,000	46,000	1,18,500
	Sonia	Single Attached	36,500	7,500	33,000	46,000	1,23,000
For All PG Students MSc Medical / PG-MCOPS / PG - MCON / PG-MCHP / PG MSLS / MSc Virology /MSc Biostatistics/ Public Health	Sharada	Double Attached	32,000	7,500	33,000	46,000	1,18,500
		Single Common	21,000	7,500	33,000	46,000	1,07,500
	Sharada/ Nehru Ladies	Double Common	19,000	7,500	33,000	46,000	1,05,500

**NOTE:**

- Students may be allotted any other hostel as per availability, in case there are no vacancies in these Hostels. Hostels indicated are not predetermined. University management may order reorganisation of hostels to meet the administrative requirements. In such an event reshuffle of occupants may take place.
- Accommodation for PG Girl students is limited and will be allotted on 'first come first serve basis'.
- It is compulsory for enrolling in any one of the messes run by MAHE approved vendors, for the students to be admitted / admitted from the academic year 2018-19 and onwards, and staying in MAHE hostel.
- Hostel and Mess fee should be paid online through SIS portal or by NEFT/RTGS before joining the Hostel and the receipt to be brought while joining the hostel or else hostel would be denied.
- Changes in mode of payment of hostel fees/revision in fees if any will be intimated at the time of admission.

**SCHEDULE OF HOSTEL FACILITIES FEES (1st year)#****Health Sciences Campus, Manipal****NRI Students**

Course	Hostel	Type of Accommodation	Annual Hostel Facilities Fee (US \$)	Hostel Deposit (US \$)	Annual Utility Advance (US \$)	Annual Mess Advance (US \$)	Total Amount (US \$)
<b>BOYS HOSTEL</b>							
MBBS, BDS, B Pharm, BSc Biotechnology, B.Sc. Nursing, UG Pharm D, UG Allied Health	Amartya Sen	Single Attached AC	1,200	250	750	700	2900
MD, MS, MDS	NBQ	Single Attached non-AC	550	125	500	700	1875
For All PG Students MSc Medical / PG-MCOPS / PG - MCON / PG-MCHP/PG MSLS / MSc Virology / MSc Biostatistics/ Public Health	Rabindranath Tagore	Double Attached non-AC	500	125	500	700	1825
	C V Raman	Double Common non-AC	300	125	500	700	1625
<b>GIRLS HOSTEL</b>							
MBBS, BDS, B Pharm, BSc Biotechnology, BSc Nursing, UG Pharm D, UG Allied Health	S Chandrashekar	Single Attached AC	1,800	250	850	700	3600
		Double Attached AC	1,000	250	850	700	2800
MD/MDS	Sonia	Single Attached non-AC	550	125	500	700	1875
For All PG Students MSc Medical / PG-MCOPS / PG - MCON / PG-MCHP / PG MSLS / MSc Virology / MSc Biostatistics/ Public Health	Sharada	Double Attached non-AC	500	125	500	700	1825
		Single Common non-AC	350	125	500	700	1675
	Sharada/ Nehru Ladies	Double Common non-AC	300	125	500	700	1625

**NOTE:**

- Students may be allotted any other hostel as per availability, in case there are no vacancies in these Hostels.
- Hostels indicated are not predetermined. University management may order reorganisation of hostels to meet the administrative requirements. In such an event reshuffle of occupants may take place.
- It is compulsory for enrolling in any one of the messes run by MAHE approved vendors, for the students to be admitted / admitted from the academic year 2018-19 and onwards, and staying in MAHE hostel
- Hostel fee in USD may be remitted by wire transfer.
- Mode of payment of hostel fees/revision in fees if any will be intimated at the time of admission.

**SCHEDULE OF HOSTEL FACILITIES FEES (1st year)#**

**BHM / BA Culinary Arts / Hospitality & Tourism Management / Dietetics & Applied Nutrition  
Courses at WGSMA, Department of Culinary Arts and Department of  
Allied Hospitality Studies, Manipal**

**General Category Students**

Hostel Block	Type of Accommodation	Annual Hostel Facilities Fee (₹)	Hostel Deposit (₹)	Annual Utility Advance (₹)	Annual Mess Advance (₹)	Total Amount (₹)
<b>BOYS HOSTEL</b>						
C Block	Double Attached Bath - AC	44,000	15,000	39,000	46,000	144,000
	Double Attached Bath - Non AC	32,000	7,500	26,000	46,000	111,500
C Flats	Double Common Bath - Non AC	19,000	7,500	26,000	46,000	98,500
	Single Common Bath	21,000	7,500	26,000	46,000	100,500
<b>GIRLS HOSTEL</b>						
G Block	Double Attached Bath - AC	44,000	15,000	39,000	46,000	144,000
	Double Attached Bath - Non AC	32,000	7,500	26,000	46,000	111,500
Mess Block	Double Attached Bath - AC	44,000	15,000	39,000	46,000	144,000
B Block	Single Common Bath non-AC	21,000	7,500	26,000	46,000	100,500

**SYSTEM OF ONLINE ALLOTMENT & PAYMENT**

- Only Online system of selection & payment will be followed by applicants.
- After successful admission, students are required to submit online application for hostels by login to: <http://sis.manipal.edu> using Application No. & nine digit registration number and date of birth password.
- All available seats will be displayed in the link. Student can select the accommodation of their choice in the available hostels which will be displayed in the link.
- Once selected, the option will be available for a limited time.(15 minutes only)The online payment should be done immediately.
- On confirmation of selected accommodation, they shall complete the online payment through payment gateway provided in the link.
- Applicants are required to keep their Credit/Debit Card ready. In case of net banking, the same should be activated before payment.
- There is an option of change of room (only once). The student can revisit the link and change the room & pay the difference amount there itself.

# Revision in fees if any will be intimated at the time of admission

Note: MESSING is MANDATORY for all students staying in Hostels (2020 & 2021 Batches)

**SCHEDULE OF HOSTEL FACILITIES FEES (1st year)#**

**BHM / BA Culinary Arts / Hospitality & Tourism Management / Dietetics & Applied Nutrition Courses at WGSMA, Department of Culinary Arts and Department of Allied Hospitality Studies, Manipal**

NRI Students

Hostel Block	Type of Accommodation	Annual Hostel Facilities Fee (US \$)	Hostel Deposit (US \$)	Annual Utility Advance (US \$)	Annual Mess Advance (US \$)	Total Amount (US \$)
<b>BOYS HOSTEL</b>						
C Block	Double Attached Bath - AC	700	250	600	700	2250
	Double Attached Bath - Non AC	500	125	400	700	1725
C Flats	Double Common Bath - Non AC	300	125	400	700	1525
	Single Common Bath	350	125	400	700	1575
<b>GIRLS HOSTEL</b>						
G Block	Double Attached Bath - AC	700	250	600	700	2250
	Double Attached Bath - Non AC	500	125	400	700	1725
Mess Block	Double Attached Bath - AC	700	250	600	700	1,550
B Block	Single Common Bath	350	125	400	700	875

## METHOD OF PAYMENT

- Hostel fee in USD may be remitted by a Wire Transfer.
- Mess Advance of Rs.46,000/- shall be paid by NEFT/RTGS or by swiping the card at Student Finance Counter.
- Mode of payment of hostel fees/revision in fees if any will be intimated at the time of admission

# Revision in fees if any will be intimated at the time of admission

Note: MESSING is MANDATORY for all students staying in Hostels (2020 & 2021 Batches)

**SCHEDULE OF HOSTEL FACILITIES FEES (1st year)#**

Health Sciences Campus, Mangaluru

General Category Students

Name of the Hostel	Type of Accommodation	Annual Hostel Facilities Fee (₹)	Hostel Deposit (₹)	Annual Utility Advance (₹)	Annual Mess Advance (₹)	Total Amount (₹)
Bejai New Hostel (MBBS & BDS)	Double Seater-AC Attached Bath	44,000	15,000	44,000	46,000	1,49,000
	Double Seater Non-AC Attached Bath	37,000	7,500	33,000	46,000	1,23,500
Bejai AHS A Block	Triple Seater AC Attached Bath	33,000	15,000	38,000	46,000	1,32,000
Bejai AHS A Block	Triple Seater Non-AC Attached Bath	28,000	7,500	33,000	46,000	1,14,500
Bejai AHS A Block	Double seater Non-AC Attached Bath	32,000	7,500	33,000	46,000	1,18,500
Bejai AHS A Block	Single seater Non-AC Attached Bath	32,000	7,500	33,000	46,000	1,18,500
Bejai AHS A Block (Boys)	Triple Seater Non-AC Attached Bath	28,000	7,500	33,000	46,000	1,14,500

## NOTE:

- There are no Single seater AC and Non - AC accommodation available at Mangalore Hostels for first year MBBS / BDS students
- Joining the mess is mandatory at Mangalore Hostels, as all hostels have independent mess facilities catered by CHEF ON WHEELS
- Hostel fees in Indian Rupees shall be paid in the name of MAHE HOSTELS, MANGALORE  
Single occupancy of double seater room will be considered as a fully occupied room and the occupant will pay the hostel facilities fee as applicable to 2 occupants

# Revision in fees if any will be intimated at the time of admission



**SCHEDULE OF HOSTEL FACILITIES FEES (1st year)#****Health Sciences Campus, Mangaluru**

NRI Students

Name of the Hostel	Type of Accommodation	Annual Hostel Facilities Fee (US \$)	Hostel Deposit (US \$)	Annual Utility Advance (US \$)	Annual Mess Advance (US \$)	Total Amount (US \$)
Bejai New Hostel (MBBS & BDS)	Double Seater-AC Attached Bath	700	250	650	700	2300
	Double Seater Non-AC Attached Bath	550	125	500	700	1875
Bejai AHS A Block	Triple Seater AC Attached Bath	515	250	585	700	2050
Bejai AHS A Block	Triple Seater Non-AC Attached Bath	425	125	500	700	1750
Bejai AHS A Block	Double Seater Non-AC Attached Bath	500	125	500	700	1825
Bejai AHS A Block	Single seater Non-AC Attached Bath	500	125	500	700	1825
Bejai AHS A Block (Boys)	Triple Seater Non-AC Attached Bath	425	125	500	700	1750

## NOTE:

- There are no Single seater AC and Non - AC accommodation available at Mangalore Hostels for first year MBBS/BDS students
- Joining the mess is mandatory at Mangalore Hostels, as all hostels have independent mess facilities catered by CHEF ON WHEELS
- Hostel fees in USD Draft shall be paid in the name of MANIPAL ACADEMY OF HIGHER EDUCATION, MANIPAL payable at New York
- Single occupancy of double seater room will be considered as a fully occupied room and the occupant will pay the hostel facilities fee an applicable to 2 occupants

# Revision in fees if any will be intimated at the time of admission

**SCHEDULE OF HOSTEL FACILITIES FEES****B.TECH 1st YEAR STUDENTS#****MIT Campus, Manipal****General Category Students**

Hostel Block	Type of Accommodation	Annual Hostel Facilities Fee (₹)	Hostel Deposit (₹)	Annual Utility Advance (₹)	Annual Mess Advance (₹)	Total Amount (₹)
<b>BOYS HOSTELS</b>						
XVI & XVII	Single Attach bath AC	77,000	15,000	44,000	46,000	1,82,000
	Double attached bath AC	44,000	15,000	39,000	46,000	1,44,000
	Single Attach bath Non AC	66,000	7,500	26,000	46,000	1,45,500
	Double attached bath NonAC	36,500	7,500	26,000	46,000	1,16,000
XIX, XX	Deluxe Single Attach bath AC	77,000	15,000	44,000	46,000	1,82,000
XIX, XX	Deluxe Single Attach bath NonAC	66,000	7,500	26,000	46,000	1,45,500
V	Double Common bathroom	19,000	7,500	26,000	46,000	98,500
<b>GIRLS HOSTELS</b>						
I, II	Triple common bathroom	15,000	7,500	26,000	46,000	94,500
XXII	Double attached bath AC	55,000	15,000	39,000	46,000	1,55,000
XXI	Deluxe Single Attach bath Non AC	66,000	7,500	26,000	46,000	1,45,500

**SYSTEM OF ONLINE ALLOTMENT & PAYMENT**

- Only Online system of selection & payment will be followed by applicants.
- After successful admission, students are required to submit online application for hostels by login to: <http://hostel.manipal.edu> using Application No. & OTBS password.
- All available seats will be displayed in the link. Student can select the accommodation of their choice in the available hostels which will be displayed in the link.
- Once selected, the option will be available for a limited time.(15 minutes only) The online payment should be done immediately.
- On confirmation of selected accommodation, they shall complete the online payment through payment gateway provided in the link.
- Applicants are required to keep their Credit/Debit Card ready. In case of net banking, the same should be activated before payment.
- There is an option of change of room (only once). The student can revisit the link and change the room & pay the difference amount there itself.

**NOTE:**

Messing is Mandatory for I &amp; II year students staying in Hostels

# Revision in fees if any will be intimated at the time of admission

**SCHEDULE OF HOSTEL FACILITIES FEES (1st year)#****MIT, Campus, Manipal (ENGG./MGMT./COMMN./ARCH./COMMERCE)****NRI Students**

Hostel Block	Type of Accommodation	Hostel Facilities Fee (US \$)	Hostel Deposit (US \$)	Annual Utility Advance (US \$)	Mess Charges (US \$)	Total Amount (US \$)
<b>BOYS HOSTELS</b>						
XVI Block/ XVII Block	Single Seater AC attached bath	1,200	250	700	700	2,850
	Double Seater AC attached bath	700	250	600	700	2,250
	Single Seater Non-AC attached bath	1,000	125	400	700	2,225
	Double Seater Non AC attached bath	550	125	400	700	1,775
<b>GIRLS HOSTELS</b>						
XXII Block	Double Seater AC attached bath	850	250	600	700	2,400
XII Block	Double Seater AC attached bath (For DOC,SOC, FOA & BAFL Students)	700	250	600	700	2,250
XXI Block	Deluxe Single Seater Non AC attached bath	1,000	125	400	700	2,225
XXI Block	Deluxe Single Attach bath AC (Limited Seats)	1,200	250	700	700	2,850

**SYSTEM OF APPLICATION / ALLOTMENT / PAYMENT**

- On successful admission, students are required to send their application for hostel to the NRI Cell, who will further send a compiled weekly list to Chief Warden Office for allotment of Accommodation.
- Student can prefer the accommodation of their choice and the same will be allotted by Chief Warden Office. The updated allotment list will be uploaded in our website [www.manipal.edu](http://www.manipal.edu) on the 1st of July, 2021.
- Hostel fee may be remitted by a Wire Transfer / Demand Draft in favour of "MAHE, MANIPAL" payable at New York.

**NOTE**

Messing is Mandatory for I & II year students staying in Hostels.

# Revision in fees if any will be intimated at the time of admission

**SCHEDULE OF HOSTEL FACILITIES FEES (1st year)#****UG Courses - DOC, MIC, MSAP, BAFL & BA Humanities****General Category Students**

Hostel Block	Type of Accommodation	Annual Hostel Facilities Fee (₹)	Hostel Deposit (₹)	Annual Utility Advance (₹)	Annual Mess Advance (₹)	Total Amount (₹)
<b>BOYS HOSTELS</b>						
XVI	Single Attach bath AC	77,000	15,000	44,000	46,000	1,82,000
	Double attached bath AC (Limited Seats)	44,000	15,000	39,000	46,000	1,44,000
	Single Attach bath Non AC	66,000	7,500	26,000	46,000	1,45,500
	Double attached bath Non AC	44,000	7,500	26,000	46,000	1,16,000
XX	Deluxe Single Attach bath NonAC	66,000	7,500	26,000	46,000	1,45,500
<b>GIRLS HOSTELS</b>						
II	Triple common bathroom	15,000	7,500	26,000	46,000	94,500
XI	Double attached bath Non AC	32,000	7,500	26,000	46,000	1,11,500
XII	Double attached bath AC (Limited Seats)	44,000	15,000	39,000	46,000	1,44,000
XXI Block	Deluxe Single Seater Non AC Attached Bath (Limited Seats)	66,000	7,500	26,000	46,000	1,45,500

**SYSTEM OF ONLINE ALLOTMENT & PAYMENT**

- Only Online system of selection & payment will be followed by applicants.
- After successful admission, students are required to submit online application for hostels by login to: <http://hostel.manipal.edu> using Application No. & Date of Birth.
- All available seats will be displayed in the link. Student can select the accommodation of their choice in the available hostels which will be displayed in the link.
- Once selected, the option will be available for a limited time.(15 minutes only)The online payment should be done immediately.
- On confirmation of selected accommodation, they shall complete the online payment through payment gateway provided in the link.
- Applicants are required to keep their Credit/Debit Card ready. In case of net banking, the same should be activated before payment.
- There is an option of change of room (only once). The student can revisit the link and change the room & pay the difference amount there itself.

# Revision in fees if any will be intimated at the time of admission

**SCHEDULE OF HOSTEL FACILITIES FEES (1st year)#****PG Courses - MSOIS & MTECH & Lateral Entry Student****General Category Students**

Hostel Block	Type of Accommodation	Annual Hostel Facilities Fee (₹)	Hostel Deposit (₹)	Annual Utility Advance (₹)	Annual Mess Advance (₹)	Total Amount (₹)
<b>BOYS HOSTELS</b>						
X	Single Common bathroom	21,000	7,500	26,000	46,000	1,00,500
	Double Common bathroom	19,000	7,500	26,000	46,000	98,500
<b>GIRLS HOSTELS</b>						
IV	Triple common bathroom	15,000	7,500	26,000	46,000	94,500
XI	Double attached bath Non AC	32,000	7,500	26,000	46,000	1,11,500
XII	Double attached bath AC	44,000	15,000	39,000	46,000	1,44,000

**SYSTEM OF APPLICATION & PAYMENT**

- After successful admission, students are required to submit application for hostels to the Chief Warden Office.
- As we have limited accommodation for PG students, they will be allotted accommodation in the available hostels.
- The hostel allotment list will be displayed on the website [www.manipal.edu](http://www.manipal.edu).

# Revision in fees if any will be intimated at the time of admission

**SCHEDULE OF HOSTEL FACILITIES FEES#****MIRM, Bengaluru****General Category Students**

Room Category	Hostel Fee	Utility Charges	Hostel Deposit (refundable)	Total Amount (₹)
Double attached bath (Non-AC)	29,000	30,000	7,500	66,500

**SYSTEM OF APPLICATION & PAYMENT**

- After successful admission, students are required to send their application to the Dean, SORM, Bangalore (Email: [office.mirm@manipal.edu](mailto:office.mirm@manipal.edu)).
- Hostel occupants are required to pay the electricity and water charges separately.
- Revision in fees if any will be intimated during the admission.
- Accommodation may be provided as per availability.
- Hostel fee may be remitted by RTGS/NEFT.

# Revision in fees if any will be intimated at the time of admission



## HOSTEL INFORMATION

The hostel provides a cot, a mattress, a study table, a chair and a cupboard for each student. Every hostel has uninterrupted electricity, Wi-fi facility, solar/electric heated water facility, water cooler with aquaguard filters, common telephone, common TV room, common reading room etc. Food Court offers a variety of food to suit all tastes.

First year UG students will be provided double/triple rooms only.

Complete safety and security is ensured by the Block Supervisors, Warden and Chief Warden (inside the Hostels) and by the Security Staff and Chief Security Officer (in and on the Campus).

NOTE: It is desirable that students stay in the University Hostels. It is MANDATORY for all first year UG students to reside in the Hostels. However, first year UG students desirous of staying outside under own arrangements must submit a consent letter from their parents duly recommended by their HOI and forward it to Director, Student Affairs for necessary permission. These students must also give their local address, contact/mobile number and subsequent changes if any to their College Office and Director, Student Affairs without fail.

PG students will be provided accommodation only if available.

Hostels for students of WGSMA and students enrolled in the Department of Culinary Arts & Department of Allied Hospitality Studies at Manipal

Hostel residency (A.C. and Non A.C.) on single and twin sharing basis with attached bathroom is available separately for boys and girls. The number of air-conditioned rooms in both boys and girls hostel blocks are limited and would be allotted on first-come-first-serve basis.

Essential furniture such as bed, mattress, study table, chair and cupboard are provided for each student. Facilities provided in the hostels include uninterrupted power supply, common TV room, treated and chilled drinking water, indoor games facility, reading room, Wi-Fi, Internet cafe, washing machines, volley ball and basketball courts.

Marena - Manipal Indoor Sports Arena is situated adjacent to the Hostel blocks and students are encouraged to be member of Marena for various sports activities.

Hostel residency and food service from the Hostel is mandatory for all students of WGSMA and the students enrolled in the Culinary Arts & Allied Hospitality Studies.

The first year undergraduate students of WGSMA, Department of Culinary Arts and Department of Allied Hospitality Studies allotments of both AC and NON-AC rooms are done online while paying through Fee Kart in Students Portal, as and when blocked by parents from the inventory.

## ALLOTMENT OF ROOMS

1. All students are required to bring 3 passport size photographs for hostel admission at the time of counselling.
2. The hostel facilities fee, deposit and mess advance may be paid at the time of counselling or registration/admission.
3. Every attempt will be made to provide hostel accommodation to all students.
4. It is MANDATORY for all first year UG students to stay in the hostels and be a member of the mess on the campus. In exceptional cases permission may be granted by the Dean/Director to stay out before joining the hostel. However, when a first year student vacates the hostel, his/her hostel facilities fee paid for the year will be forfeited
5. Students must occupy rooms specifically allotted to them. They are not allowed to change rooms except with the written permission of the Warden/Chief Warden. However, students can by mutual consent pair up with a student of their choice within the first few days. They may contact their Hostel Warden for this purpose.
6. Change of accommodation from one hostel to another during a term is generally not permitted.
7. Allotment made to a student is subject to cancellation if he/she fails to occupy the room in the prescribed time. Students will also forfeit their rooms if they fail to clear all their dues to the hostel by the appointed day. In such cases, they may be asked to vacate the hostel.
8. Hostel accommodation is allotted purely at the discretion of the Chief Warden and on condition that the student agrees to abide by all the rules and regulations of the hostel. The Chief Warden may refuse hostel facilities without assigning any reason or remove a student from the hostel at any time on disciplinary grounds.
9. The Chief Warden reserves the right to break open rooms in case of any violation of hostel rules, suspected unlawful activities or on the basis of security risk perceived.
10. Once a student vacates the hostel, he/she will not be reallocated hostel accommodation for a minimum period of six months.

### HOSTEL FACILITIES FEE AND DEPOSIT

1. The hostel facilities fee is collected on an annual basis. It is compulsory for all the students (except local residents and postgraduate students) to reside in the hostel for the first year. The fee varies with each category of accommodation. The hostel facilities fee will be collected at the commencement of each academic year as per the schedule notified by the University or by the hostel accounting office. Delayed payments will attract a fine of 12% per annum computed for each default day. Hostel facilities fee for each academic year will be published on the hostel notice board. No individual intimation will be given to the students parents/guardian. Every student is expected to ascertain this from the notice board.
2. Every student admitted to the hostel is required to make a Hostel Deposit. The deposit will be refunded when the student vacates the hostel on production of a 'Dues Clearance Certificate'. The amount of hostel deposit is published along with the schedule of hostel facilities fee.
3. Hostel Facilities Fee for Casual Students: Students who do not complete their studies within the regular period stipulated for the course have to vacate their hostel rooms. However they may be allotted alternate accommodation as per availability for a further term(s) on non-priority basis subject to the following: 50% of the annual hostel facilities fee will be charged to such students for a term not exceeding six months. The student will have to pay the hostel fee for the entire year for retaining accommodation beyond a period of six months.
4. Payment of Hostel Facilities Fee & Deposit: The hostel facilities fee/deposit may be remitted by RTGS or NEFT and can be paid at the time of counselling or registration/admission:

For Manipal Campus Health Science Hostels, Payment by cash/cheque/DD is not acceptable.

#### A. General Category Students:

- 'MAHE HOSTELS' made payable at Manipal/Udupi for Manipal Academy of Higher Education hostels/ MIT hostels/WGSHA hostels
- 'MAHE HOSTELS' made payable at Mangalore for Mangalore hostels

#### B. Foreign NRI Category Students:

- By Wire transfer

For details on Hostel Facilities Fee Refund, Utility charges, Hostel Mess and Cafeteria and Rules for change of rooms, please visit [www.manipal.edu](http://www.manipal.edu)

### HOSTEL DISCIPLINE

NO STUDENT SHOULD STAY AWAY FROM HIS/HER ROOM DURING THE NIGHT EXCEPT WITH PRIOR WRITTEN PERMISSION OF THE WARDEN. ANY FIRST YEAR UG STUDENT, WHO WISHES TO LEAVE THE CAMPUS TEMPORARILY OR OTHERWISE, SHOULD OBTAIN THE PERMISSION OF HIS DEAN/TEACHER GUARDIAN, WARDEN AND CHIEF WARDEN IN WRITING. THOSE APPLYING FOR PERMISSION MUST STATE THE DATE AND TIME OF HIS/HER INTENDED DEPARTURE AND RETURN AS WELL AS THE DESTINATION AND ENTER ALL THESE DETAILS IN THE IN-OUT REGISTER MAINTAINED IN EVERY HOSTEL.

STUDENTS ARE REQUESTED TO AVOID SINGING ALOUD, SHOUTING OR MAKING ANY TYPE OF NOISES WHICH ARE LIKELY TO DISTRACT THE ATTENTION OF THOSE WHO MAY BE STUDYING IN THEIR ROOMS OR HOSTEL LIBRARIES.

PETS OF ALL KINDS ARE PROHIBITED INSIDE THE HOSTEL. FEEDING STRAY DOGS OR CATS IN THE HOSTEL PREMISES IS NOT PERMITTED.

RAGGING IN ANY FORM IS BANNED INSIDE AND OUTSIDE THE CAMPUS.

THE STUDENTS ARE ADVISED NOT TO KEEP LARGE AMOUNT OF CASH OR VALUABLES IN THE ROOM. THE STUDENT IS RESPONSIBLE FOR THE SAFETY OF HIS/HER BELONGINGS INSIDE THE ROOM.

ALL VISITORS INCLUDING PARENTS/ GUARDIANS MUST BE ENTERTAINED ONLY IN THE VISITORS LOUNGE AND DURING VISITING HOURS ONLY. A VISITORS PASS WILL BE OBTAINED FROM THE OFFICE OF THE CHIEF WARDEN, WELL IN ADVANCE BY THE CONCERNED STUDENT.

ANY DAMAGE /BREAKAGE TO HOSTEL PROPERTY WILL BE CHARGED TO THE OCCUPANTS OF THE ROOM/BLOCK WITH A FINE. DISCIPLINARY ACTION WILL ALSO BE INITIATED.

COOKING IN HOSTEL ROOMS IS NOT PERMITTED.

## HOSTEL MESS AND CAFETERIA

### Manipal Health Sciences Campus:

All members of the hostel will automatically be the members of the mess. Mess charges will be collected annually along with hostel fee and utility charges. In view of Health/Safety concerns and Security reasons, all the students staying in the Hostels are required to dine in one of the Messes located within the campus that is either Food Court Mess or Sodexo Food Solutions Mess. Students, are required to pay annual mess advance of Rs 46,000 along with the hostel fees.

Note: Students are advised to check the messing facilities and join/pay accordingly, after they come to Manipal.

### Mess Charges for other Campus:

All members of the hostel will automatically be the members of the mess. Mess charges will be collected annually along with hostel fee and utility charges.

Messes at MIT campus	₹ 46,000
Messes at Mangalore campus	₹ 46,000
Mess at WGSMA	₹ 46,000

The actual mess bill will be announced every month and would be appropriated against the advance collected. Students are required to pay any increase in the actual charges as compared to the amount collected in advance. The amount collected if found in excess after ascertaining in the actual bill will be adjusted against the charges for the subsequent period or refunded. Delayed payment will attract a fine @ 12% per annum computed for each default day. The fine will be calculated from the day following the last date for payment of the bills.

## Contact Details for Hostels

### Health Sciences and Hotel Management Hostels

#### Manipal Campus

Air Commodore H K DHIMAN VSM  
Chief Warden (Manipal Campus)  
Manipal Academy of Higher Education  
Manipal- 576104, Karnataka  
Tel: (91820) 2922413  
Email: chiefwarden.mahe@manipal.edu

#### Mangalore Campus:

Col. Prem Kumar Shetty  
Chief Warden, Mangalore Campus  
Kasturba Medical College, Light House Hill Road  
Mangalore- 575001, Karnataka  
Tel: (91824) 2427976/2422271 extn. 5549  
Email: chiefwarden.kmcmllr@manipal.edu

### Engineering & Management Hostels

#### Manipal Campus:

Lt. Col. B Suresh Kumar  
Chief Warden, MIT  
Manipal 576 104, Karnataka, INDIA.  
Tel: (91820) 2571061- Extn. 25221/25225/25226  
(9 am to 1 pm & 2 pm to 5 pm)  
Email: hostelallot.mit@manipal.edu – For Hostel Allotments  
chiefwarden.mit@manipal.edu - For General

## HOW TO REACH

Manipal is well connected by road, rail and air. There are two main cities close to Manipal that serve as entry points - Udupi and Mangalore. Udupi is 5 km from Manipal and Mangalore is 65 kms away.

### Flying in

Manipal is connected to the rest of the world through the international airport in Mangalore, which takes an hour and half to travel to by road. There are regular flights from Mumbai, Hyderabad, Chennai and Bangalore. Besides, most countries in the Gulf have direct flights to Mangalore. Those that do not have direct flights are connected otherwise. Pre-paid taxis are available at Mangalore airport.

### By road

Manipal is well connected with all the major cities in Karnataka, Kerala, Goa etc. Buses run between Mangalore and Manipal frequently. Direct buses are also available from Bangalore, Goa, Hyderabad, Mumbai and other cities.

### By train

- The closest railway stations are Udupi and Mangalore
- These railway stations lie on the Konkan route connecting the North and the South along the west coast
- Delhi and Mumbai (to the north) and Ernakulam (to the south) are linked to Udupi station
- Mangalore station is connected to Bangalore, Chennai, Delhi, Goa, Calicut, Cochin, Trivandrum, Mumbai and other major cities
- Those travelling from Kolkata can travel via Chennai/ Mumbai/Bangalore/Goa and then take a connecting train to Mangalore
- There is also a train operating from Jammu to Mangalore once a week

For more information check [www.indianrail.gov.in](http://www.indianrail.gov.in)



Map not to scale



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

For more information, contact:

Director, Admissions

Manipal Academy of Higher Education

Manipal 576104, Karnataka, India

Phone: 09243777700

E-mail: [admissions@manipal.edu](mailto:admissions@manipal.edu)



Declared as Deemed-to-be-University under Section 3 of the UGC Act.