





### UNVEILING ASPIRATIONS INSPIRING DREAMS

ONE UNIVERSITY

### **Prospectus 2016**

# 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 University 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 University 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 University 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 University is geared to meet the same demanding standards to create great professionals and citizens by inspiring them in many ways.

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

66\_\_\_\_

Padma Shri awardee Dr T M A Pai





UNIVERSITY



## 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

# Our Administrators



Dr. Ramdas M Pai President & Chancellor

Manipal University has been playing an important role in the area of higher education. With the ever growing need for more such quality institutions of higher education, its contribution has been significant. Its intention is to do better, keep improving and provide the best to its students. Its infrastructure tells its own story, its faculty members ensure high standards and the results are our shining alumni. The alumni spread over the world have brought the University to the forefront by their outstanding professional competence – Mr. Satya Nadella, CEO of Microsoft, Mr. Rajeev Suri, CEO of Nokia, Mr. Banmali Agrawala, President & CEO of G.E. South Asia – to name a few.



Dr. H S Ballal Pro Chancellor

With higher education spreading its wings far and wide attracting the youth, Manipal University has geared itself to meet the demands of students to specialize in various subjects relevant to modern times. It has been the prime concern of Manipal University to maintain the highest standards with all the facilities provided for efficient academic progress. The University management is happy that aspiring students have developed a great liking to this University and the Management has spared no pains to make their academic attainments worthy of their trust reposed in the University. I am sure the new entrant to the portals of this University will make the best use of the facilities to carve out their professional career successfully.



#### Dr. H Vinod Bhat Vice Chancellor

Manipal University's forward looking policies on research, student mobility, entrepreneurship and international collaborations have been the guiding lights in its journey towards ascendency. The University aspires to be among the top 200 Universities in the world by 2020.

The University has set up a Bursary with a corpus fund to institute scholarships for meritorious students. We hope to enlarge the corpus with support from philanthropists and our alumni, so that no student, if he/she gets through the rigorous entrance test, will be turned back for want of money. This will make the University inclusive and truly meritocratic.

I welcome all of you to Manipal and wish you the best.



Dr. V Surendra Shetty Pro Vice Chancellor Mangalore Campus

Welcome to Manipal. We are truly a global village and Manipal University today is the preferred destination globally to students seeking world class education in Health sciences, Technology, Management and Communications and wide variety of other disciplines.

Manipal University has a long tradition of offering quality professional education.

Over the next few years you will enrich yourself not only academically but also develop a holistic approach to life by participating in the many co-curricular and extra-curricular activities that the University offers.

I wish you all an enjoyable and learning experience at Manipal University.

All the best.

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. Abdul Razzak M S Pro Vice Chancellor Melaka Campus

Manipal University is on the road map towards achieving a world class university status. We are committed in our focus on research and innovation, and towards achieving excellence in the provision of educational initiatives. Manipal University remains the destination of choice for local and international students in its academic offerings. The facilities in Manipal University offers the best there is in all disciplines. The partnership locally and internationally renowned institution and organization showcases the drive of Manipal University in creating relevancy, value and quality in its academic program.



Dr. Narayana Sabhahit Registrar

Manipal University has shown a remarkable growth and has received a number of accolades in the last two decades including its presence in QS University ranking. It is well known for its quality education, unparalleled infrastructure, transparency in admission and evaluation, top ranking institutions, well qualified dedicated experienced teaching fraternities. A green campus which provides a conducive environment for education and being a multilingual and multicultural campus, it gives an international exposure to the students. It provides an ample opportunity for students to excel in their chosen field and also extra-curricular and co-curricular activities. Choice based credit system allows the students to select the electives within their stream and outside their stream as well. I welcome the new batch of students to Manipal University and wish them a success in their chosen field.



#### Dr. D Srikanth Rao Director, Admissions

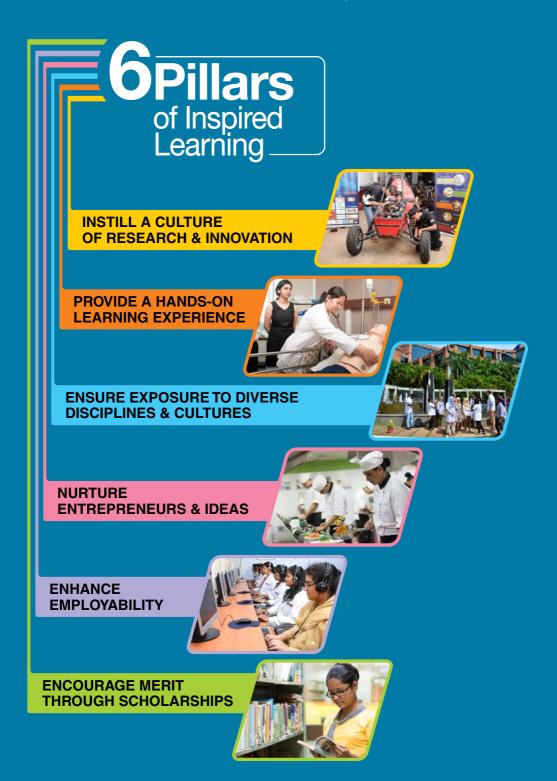
Manipal University, has steadily made its presence felt in the field of quality education. With its 25 constituent institutes offering programs in diverse streams such as Medicine, Dentistry, Engineering, Nursing, Allied Health, Pharmacy, Life Sciences, Management, Mass Communication, Information Sciences, Hotel Management and so on the University attracts the best students from all over India and across the borders. Learning at Manipal University is a unique experience as it ensures that every student who graduates from the University is equipped with the potential to tackle the problems of the real world. Student body of Manipal University represents 72 countries who study, work, and live together. With the finest quality of laboratories and the best infrastructural facilities, University provides true international feel to the entire teaching-learning process. I welcome you to be a part of this at our University.



Dr. Suma Nair Director, Student Affairs

A symbol of excellence and professionalism, Manipal University has played a stellar role in making aspirations & dreams come true. Accompanied by its advantageous location in a pristine environment blessed with bountiful natural beauty, this educational hub brings together students from diverse backgrounds. The unique blending of academics with extracurricular activities ensures more than just professional training. It is a culmination of experiences, designed to leave its alumni with, the best academic training and memories that last a lifetime. We invite you to be a part of this inspiring journey. Manipal University 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



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### Courses offered by Manipal University

#### MANIPAL CAMPUS



Kasturba Medical College Manipal

Bachelor of Medicine & Bachelor of Surgery (MBBS) MD (Anaesthesiology) MD (Anatomy) MD (Biochemistry) MD (Community Medicine) MD (Dermatology, Venerology & Leprosy) MD (Forensic Medicine) MD (General Medicine) MD (Hospital Administration) MD (Immunohematology & Blood Transfusion) MD (Microbiology) MD (Paediatrics) MD (Pathology) MD (Pharmacology) MD (Physiology) MD (Psychiatry) MD (Pulmonary Medicine) MD (Radio diagnosis) MD (Radio therapy) MS (General Surgery) MS (Obstetrics & Gynaecology) MS (Ophthalmology) MS (Orthopaedics) MS (Oto-Rhino-Laryngology) DA (Anaesthesiology) DCH (Paediatrics) DDVL (Dermatology, Venerology & Leprosy) DGO (Obstetrics & Gynaecology) DO (Ophthalmology) DOrtho (Orthopaedics) DLO (Oto-Rhino-Laryngology) DPM (Psychiatry)

DMRD (Radio Diagnosis) DCP (Clinical Pathology) MSc (Medical) - Anatomy MSc (Medical) - Physiology MSc (Medical) - Biochemistry MSc (Medical) - Microbiology MSc (Medical) - Pharmacology MSc (Medical) - Clinical Embryology MSc (Yoga Therapy) MSc (Genetics Counseling) Post Graduate Certificate Course in Panchakarma MPhil (Psychiatric Social Work) DM (Cardiology) DM (Gastroenterology) DM (Neurology) DM (Nephrology) MCh (Cardiothoracic Surgery) MCh (Neuro Surgery) MCh (Paediatric Surgery) MCh (Urology) Advanced Training Program in **Diabetes** Care Advanced Training Program in **Clinical Genetics** 

#### School of Allied Health Sciences

Bachelor in Audiology & Speech Language Pathology - B.ASLP B.Sc. (Cardiovascular Technology) Bachelor of Optometry - B.Optom B.Sc. (Health Information Administration) B.Sc. (Medical Imaging Technology) B.Sc. (Medical Laboratory Technology) B.Sc. (Medical Radiotherapy Technology) B.Sc. (Nuclear Medicine Technology) Bachelor of Occupational Therapy -BOT B.Sc. (Perfusion Technology) Bachelor of Physiotherapy - BPT B.Sc. (Respiratory Therapy)

B.Sc. (Renal Replacement Therapy & Dialysis Technology) B.Sc. (Exercise and Sports Sciences) MPT (Cardiopulmonary Sciences) MPT (Community Physiotherapy) MPT (Neurosciences) MPT (Orthopaedics) MPT (Paediatrics and Women's Health) MPT (Sports & Clinical Biomechanics) MOT (Developmental Disabilities) MOT (Hand & Musculoskeletal Conditions) MOT (Neuro Rehabilitation) MOT (Mental Health & Psychosocial Rehabilitation) Master in Audiology & Speech Language Pathology (M.ASLP) Master of Optometry (M.Optom) M.Sc. (RT) Adult Respiratory Care M.Sc. (RT) Neonatal & Paediatric **Respiratory Care** M.Sc. MLT (Clinical Biochemistry) M.Sc. MLT (Microbiology & Immunology) M.Sc. (Medical Imaging Technology) M.Sc. (Nuclear Medicine Technology) M.Sc. (Hospital & Health Information Administration) M.Sc. (Medical Radiation Physics) M.Sc. (Echocardiography) M.Sc. (Cardiac Cath & Intervention Technology) M.Sc.(Renal Replacement Therapy & Dialysis Technology) M.Sc. (Clinical Psychology) M.Sc. (Exercise & Sports Sciences) M.Sc. (Perfusion Technology) M.Sc. Health Informatics (Healthcare IT Management) M.Sc. Health Informatics (Software Development and Management) M.Sc. Clinical Psychology M.Sc. (Nuclear Medicine Technology) Lateral Entry M.Phil (Clinical Psychology)

#### School of Life Sciences

B.Sc. (Biotechnology)

B.Sc. (Forensic Science)

B.Sc. (Food & Nutrition)

M.Sc. (Medical Biotechnology)

M.Sc. (Molecular Biology & Human Genetics)

M.Sc. Bioinformatics

Post Graduate Diploma in Cellular and Molecular Diagnostics

### Department of Library & Information Science

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

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

Certificate Course in Library and Information Science (C.L.I.Sc.)

#### **Department of Statistics**

M.Sc. (Biostatistics) Certificate Course in Biostatistics, Epidemiology and Research

#### Department of Public Health

MPH (Epidemiology)

Methodology

MPH (Maternal & Child Health)

MPH (Environment and Occupational Health)

MSW (Medical and Psychiatric Social Work)

MSW (Human Resource Management and Industrial Relations)

MSW (Community Development)

Masters of Hospital Administration (MHA)

#### Department of Virus Research

M.Sc. (Clinical Virology)



#### Manipal Institute of Technology Manipal

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** (Electrical & Electronics Engineering) B.Tech (Electronics & Communication Engineering) B.Tech (Industrial & Production Engineering) B.Tech (Information Technology) B.Tech (Instrumentation & Control Engineering) B.Tech (Mechanical Engineering) **B.Tech** (Mechatronics) B.Tech (Print and Media Technology) B.Tech - Lateral Entry Master of Computer Application MCA M.Tech (Aero Space Engineering) M.Tech (Automobile Engineering) M.Tech (Bioinformatics) 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 (Control Systems) M.Tech (Digital Electronics & Advanced Communication) M.Tech (Energy Systems and Management) M.Tech (Engineering Management) M.Tech (Environmental Engineering) M.Tech (Industrial Automation and Robotics) M.Tech (Industrial Biotechnology) M.Tech (Industrial Pollution & Control) M.Tech (Manufacturing Engineering & Technology) M.Tech (Microelectronics) M.Tech (Power Electronics and Drives) M.Tech (Printing & Media Technology) M.Tech (Software Engineering) M.Tech (Structural Engineering) M.Tech (Thermal Sciences and Energy Systems)

#### Science Programs

M.Sc. (Applied Mathematics & Computing) M.Sc. (Chemistry) M.Sc. (Geology) M.Sc. (Physics)

#### Faculty of Architecture

Bachelor of Architecture (BArch) Bachelor of Design (Fashion Design) [B.Des. (Fashion Design)] Bachelor of Design (Interior Design) [B.Des. (Interior Design)] Master of Arts (Interior Design) [MA (Interior Design)] Master of Arts (Fashion Management) [MA (Fashion Management)] Executive Master of Architecture (Advanced Design) – Part Time: [EXE MArch (AD)] MArch (UDD) Certificate in Fashion Design (CFD)

#### School of Information Science

ME (Medical Software) ME (VLSI Design) ME (Embedded Systems) ME (Embedded and Wireless Technology) ME (Computing Technologies and Virtualization) ME (Embedded Systems and Instrumentation) – ESIGELEC, France ME (Automotive Embedded Systems) – ESIGELEC, France ME (Big Data and Data Analytics) M.Sc. (Information Science)

#### School of Management

Master of Business Administration MBA

Master of Business Administration MBA (Healthcare Management) Master of Business Administration MBA (Global Business)

#### Department of Commerce

BBA (e-Banking & Finance) **BBA** (Financial Markets) **BBA** (Professional) BBA (Logistics & Supply Chain) **BBA** (Human Resources) **BBA** (Marketing) BBA (Hospitality and Tourism) BBA (Insurance and Risk Management) BBA (Family Business Management) B.Com (Professional) B.Com (Business Process Services) M.Com (Logistics & Supply Chain) M.Com (Professional) M.Com (Banking Technology) Post Graduate Diploma (Logistics & Supply Chain)

#### School of Communication

BA (Media & Communication) B.Sc. Animation MA (Media & Communication) MA (Film Art & Film Making) PG Diploma in Corporate Communication Certificate Course in Animation Technology

### Department of Geopolitics & International Relations

MA (Geopolitics and International Relations)

#### Department of European Studies

MA (European Studies) Certificate Course in Spanish Certificate Courses in German

### Department of Philosophy & Humanities

MA (Philosophy) MA (English) MA (Sociology ) Integrated MA - PhD

Manipal Center for Natural Sciences M.Phil (Natural Sciences)

## Department of Atomic and Molecular Physics

M.Sc. (Photonics) M.Sc. Nanoscience and Technology M.Sc. Biophysics Certificate Course in Nanoscience and Technology Certificate Course in Laser Application in Biology and Medicine



#### Manipal College of Pharmaceutical Sciences Manipal

Bachelor of Pharmacy (BPharm) Lateral Entry - BPharm Bachelor of Pharmacy - BPharm (Practice) PharmD MPharm Pharmaceutical Chemistry MPharm Pharmacology MPharm Pharmaceutics MPharm Pharmacognosy MPharm Pharmacy Practice MPharm Pharmaceutical Administration MPharm Pharmaceutical Quality Assurance

MPharm Pharmaceutical Biotechnology MPharm Drug Regulatory Affairs MPharm Industrial Pharmacy PharmD Post Baccalaureate PG Diploma in Drug Analysis



#### Manipal College of Dental Sciences Manipal

Bachelor of Dental Surgery (BDS) MDS Conservative Dentistry and Endodontics

MDS Oral and Maxillofacial Surgery MDS Oral Medicine and Radiology MDS Oral Pathology and Microbiology MDS Orthodontics and Dentofacial Orthopaedics MDS Pedodontics and Preventive Dentistry MDS Periodontology MDS Prosthodontics and Crown & Bridge MDS Public Health Dentistry PG Diploma in Dental Materials PG Certificate Course in Oral Implantology PG Certificate Course in Aesthetic Dentistry PG Certificate Course in Laser Dentistry



#### Welcomgroup Graduate School of Hotel Administration Manipal

Bachelor of Hotel Management (BHM) Bachelor of Hotel Management -Lateral Entry

#### Culinary Arts & Allied Hospitality Studies

BA (Culinary Arts) M.Sc. (Hospitality & Tourism Management) M.Sc. (Dietetics & Applied Nutrition) Post Graduate Diploma in Culinary Arts



#### Manipal College of Nursing Manipal

B.Sc. (Nursing) Post Basic B.Sc. in Nursing Post Basic Diploma - Cardio Thoracic Nursing Post Basic Diploma - Critical Care Nursing Post Basic Diploma - Emergency & **Disaster Nursing** Post Basic Diploma -Psychiatric/Mental Health Nursing Post Basic Diploma - Neonatal Nursing Post Basic Diploma - Neuro Science Nursing Post Basic Diploma - Nurse Practitioner in Midwifery Post Basic Diploma - Oncology Nursing Post Basic Diploma - Operation Room Nursing Post Basic Diploma - Orthopaedic and Rehabilitation Nursing M.Sc. (Medical Surgical Nursing) M.Sc. (Obstetrics & Gynaecology Nursina) M.Sc. (Child Health [Paediatric] Nursing) M.Sc. (Psychiatric [Mental Health] Nursing) M.Sc. (Community Health Nursing) M.Phil. (Nursing) - Part Time

#### MANGALORE CAMPUS

Kasturba

Medical

College

Mangalore



Bachelor of Medicine & Bachelor of Surgery (MBBS) MD (Anaesthesiology) MD (Anatomy) MD (Biochemistry) MD (Dermatology, Venerology & Leprosy) MD (General Medicine) MD (Microbiology) MD (Paediatrics) MD (Pathology) MD (Pharmacology) MD (Physiology) MD (Radio diagnosis) MS (General Surgery) MS (Obstetrics & Gynaecology) MS (Ophthalmology) MS (Orthopaedics) MS (Oto-Rhino-Laryngology) DA (Anaesthesiology) DCH (Paediatrics) DO (Ophthalmology) DLO (Oto-Rhino-Laryngology) DCP (Clinical Pathology) MSc (Medical) - Anatomy MSc (Medical) - Physiology MSc (Medical) - Biochemistry MSc (Medical) - Microbiology MSc (Medical) - Pharmacology Bachelor in Audiology & Speech Language Pathology - B.ASLP B.Sc. (Medical Radiotherapy Technology) Bachelor of Physiotherapy - BPT

MPT (Cardiopulmonary Sciences) MPT (Community Physiotherapy) MPT (Neurosciences) MPT (Orthopaedics) MPT (Paediatrics and Women's Health) Master in Audiology & Speech Language Pathology (M.ASLP)



Manipal College of Dental Sciences Mangalore

Bachelor of Dental Surgery (BDS) MDS Conservative Dentistry and Endodontics MDS Oral and Maxillofacial Surgery MDS Oral Medicine and Radiology MDS Oral Pathology and Microbiology MDS Orthodontics and Dentofacial Orthopaedics MDS Pedodontics and Preventive Dentistry MDS Periodontology MDS Prosthodontics and Crown & Bridge MDS Public Health Dentistry PG Diploma in Dental Materials PG Certificate Course in Restorative Dentistry

#### BANGALORE CAMPUS



#### Manipal Hospital

#### School of Regenerative Medicine

M.Sc. (Regenerative Medicine) M.Phil (Regenerative Medicine) Advanced Post Graduate Diploma in Stem Cell and Regenerative Medicine

# Kasturba Medical College (KMC)

One of the finest learning environments in South Asia with infrastructure and faculty that support students to become outstanding medical professionals.



www.manipal.edu/kmc



## #8

Ranked 8<sup>th</sup> among top 25 Medical Colleges in India Source: India Today Magazine, June 2015

## #9

Ranked 9<sup>th</sup> among Top 25 Medical Colleges in India Source: Outlook Magazine, July 2015

## #S

Ranked 9<sup>th</sup> among Top 25 Medical Colleges in India Source: Week Hansa Magazine, June 2015



Ranked 9<sup>th</sup> for the best Medical Education

## Campuses

### Manipal Campus

Kasturba Medical College (KMC), Manipal was established in 1953 as the first self financing medical college in the private sector. It celebrated its diamond jubilee in the year 2013. The College consistently ranks amongst the top ten medical colleges in the country. Students from over 50 countries graduate from 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 Medical Council of India and the General Medical Council of Great Britain, the Malaysian Medical Council and Australian Medical Council.

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 USA.

### Mangalore Campus

Kasturba Medical College (KMC), Mangalore, established in 1955 and is spread over 30.78 acres of land. The infrastructure is comparable with international standards. The college has a total of 26 departments headed by competent faculty members focused on providing quality education. The institute has global recognition from the General Medical Council of Great Britain and the Malaysian Medical Council. KMC has three teaching hospitals in Mangalore that include Kasturba Medical College Hospital, Attavar, Wenlock District Hospital and Govt. Lady Goschen Hospital.

KMC, Mangalore is recognized by the Medical Council of India.

KMC, Mangalore is the first College in the country to be established under public private partnership model.

It is also the Medical College having maximum number of ICMR-short term studentships in the entire country.

#### **Recognitions or Accreditations:**

Partner Medical School

- 1. 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.
- 2. Partner medical school for GHLO (Global Health Learning Opportunities) initiative of Association of American Medical Colleges (AAMC)

#### Infrastructure Highlights

#### Libraries

KMC, Manipal Health Sciences Library is one of the largest libraries in Asia for an educational institution. 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 Central Library of Kasturba Medical College, Mangalore is fully equipped and air conditioned. It has over 36,000 textbooks. The services of the library include Internet and e-Learning, Audio-visual services, Computer based work, Reprographic service, Book bank facility, Bibliographic service, Online access to journals and Medline service.

#### Laboratories

KMC, Manipal has specialized laboratories for Anatomy, Physiology, Biochemistry and Pathology, among others to help the students develop psychomotor skills which are very essential for the effective practice of medicine. These state-ofthe-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 recently commissioned Basic Life Support lab imparts training to all students in basic and advanced life support skills.

KMC, Mangalore has well-equipped Clinical Microbiology, Clinical Biochemistry and Pathology Laboratories. Most of the diagnostic tests are conducted by fully automated, advanced instruments and are monitored by strict quality control and quality assurance programme. The PCR Laboratory offers molecular diagnostic and research facility. Bac-T Alert strengthens blood culture systems and the fluorescent microscope is used for the diagnosis of autoimmune diseases. The National AIDS Control Organization (NACO) has recognized the Microbiology Laboratory as State Reference Laboratory (SRL) for HIV testing. It also conducts External Quality Assurance Programme (EQUAS) and Sentinel Surveillance for HIV testing laboratories in Mangalore, Udupi, Kodagu and Hassan Districts.

#### Simulation Centre

The Medical Simulation Centre at Manipal University is a stateof-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. First-of-its-kind in a private university in India, 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. Every department in KMC has recorded a number of publications, research projects, conferences and seminars to its credit. Several members of the faculty along with students participate actively in various research projects every year.

#### Research Excellence in Numbers

For the last 5 years	Manipal	Mangalore
Journal & publications	2670	2308
Books Published	96	39
Workshops/Seminars	365	182
Research Projects	215	179
Clinical Trials	185	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.

#### **Student Elective Options**

- University of Utrecht
- University of Groningen
- University of Maastricht
- Academic Medical Centre, University of Amsterdam
- Leiden University Medical Centre
- University of Mississippi Medical Centre
- University of Kentucky
- University of Nottingham
- Lancaster University

Student	Exchange	programs
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SI.No.	Partner Institution Name	Country
1	Maastricht University	The Netherlands
2	University Medical Centre Groningen	The Netherlands
3	Lancaster University	UK
4	Leiden University Medical Centre	The Netherlands
5	University of Mississippi Medical Center	USA
6	GHLO (Global Health Learning Opportunities)	USA
7	Association of Academic Health Centres	Washington DC
8	University of Alabama	Birmingham, USA
9	University of Kentucky	U.S.A.
10	GEMx	U.S.A.
11	Lille 2 University of Health and Law	France
12	Flinders University	Australia
13	Nottingham University	UK

#### Quotes from alumni or students

"Manipal has offered me everything that I thought I could have wanted from a medical school experience. One of my top priorities was to be in an urban setting that would offer me various experiences (especially culturally) and have a vast array of resources that I would be able to use. Manipal's quaint location provides the perfect balance between nature and urban. In addition, I have been able to shadow practically any physician that I wanted to as a first year who just wanted a taste of what a certain field was like. The clinical experiences that were offered as part of the first year have proven to be invaluable learning tools for my future endeavors as a physician. Even the non-medical aspects of being at Manipal, have made what at first, seemed like an intimidating undertaking into an enriching and enjoyable experience. It also helps to have a great support network that the administration has provided in order to guide me throughout my medical school years and help me become the person I am today".

#### Tamaghna Ghosh

7<sup>th</sup> Semester, MBBS, KMC Manipal

"Choosing Kasturba Medical College, Manipal has been one of the best decisions I have made. It has given me great opportunities for personal and professional development. I have met wonderful friends and inspiring teachers through my years at Manipal. A world class library, the largest anatomy museum in Asia and an excellent indoor sports arena all add to the charm of Manipal. Manipal teaches us the necessary technical skill, scientific knowledge and human understanding to be a caring and competent physician".

> Dr. Rudra Ramanathan Intern, KMC Manipal

"I chose to study MBBS at Kasturba Medical College (KMC), Mangalore, Manipal University as it is one of the leading universities in India. The university emphasises on academic excellence and provides the right atmosphere and opportunities to gain theoretical and practical knowledge. The student-faculty bonding and quality of its alumni speaks volumes about the excellence of the University. It was indeed a privilege to be part of such a university, where every student had an opportunity to be free and expressive, and to achieve their goals.

After MBBS, I was accepted into MSc Integrative Neuroscience program in Otto-von-Guericke University, Magdeburg, Germany. During my admission interview, I was informed by the program director that I would be offered scholarship to study MSc Integrative Neuroscience, and also I had an advantage as I had studied in one of the best universities in India. That was when I realised the importance of having studied in one of the premier universities. I have been offered Swiss Government Excellence Scholarship 2014-2015 to pursue PhD Neuroscience in the Neurobiochemistry laboratory, University Clinic for Child and Adolescent Psychiatry, University of Zurich, Switzerland as part of Zentrum für Neurowissenschaften Zürich (ZNZ) International PhD Program. I believe that a MBBS degree from Manipal University has assisted me greatly in achieving my goals. I am truly grateful to be an alumnus of KMC Mangalore and Manipal University.

Dr.Vinita Jagannath Batch 2006-2012, KMC, Mangalore

## Courses offered

#### BACHELOR OF MEDICINE & BACHELOR OF SURGERY (MBBS)

Offered at KMC, Manipal and Mangalore Campuses

#### Duration

4 ½ years plus 1 year compulsory rotating internship.

#### Eligibility

Citizenship: Indian nationals.

Date of Birth: Should fall on or before 31.12.99

Qualification: Pass in 10+2, A level, IB, American 12th grade or equivalent with Physics, Chemistry, Biology/Biotechnology and English individually with a minimum of 50% marks in Physics, Chemistry and Biology/Biotechnology taken together.

#### Admissions

General Category: Admissions are done on the basis of rank in the All India Manipal University Online Entrance Test (MU-OET) 2016.

Note: Only candidates who have secured minimum of 50% marks taken together in Physics, Chemistry and Biology in All India Manipal University Online Entrance Test (MU-OET) 2016 will be considered for admissions.

Candidates with foreign qualifications will have to obtain the 'Equivalence Certificate' from Association of Indian Universities, New Delhi who will equate their qualifications as equivalent to the 10+2 of India. This certificate will have to be submitted at the time of counseling. Students who are qualified with CBSE or ISCE or any other Indian Board qualifications need not submit the equivalency certificate. For details please visit our website www.manipal.edu

Foreign/NRI Category: Candidates desirous of applying under this category can write to foradmission@manipal.edu or call + 91 820 2571000/2922400. For online application and details visit : www.manipal.edu/intlug

Note: Candidates can apply both under General and Foreign/NRI category. Change of category from Foreign/NRI to General after admission will not be entertained under any circumstances. The application material given along with this prospectus can only be used to apply for General Category.

#### Government Category:

Few MBBS seats are reserved for candidates selected by Karnataka Examinations Authority (KEA), Government of Karnataka, Bangalore.

#### Entrance Test, Counseling, Hostels

For details, visit website www.manipal.edu

Course Fees, Hostel Fees, Refund Rules: Refer Section 2

Laptop will be provided to the enrolled students.

Last date for receipt of application: 11.03.2016

Commencement of Classes: 01.08.2016

#### DOCTOR OF MEDICINE (MD)/ MASTER OF SURGERY (MS)/ PG MEDICAL DIPLOMA

Manipal Campus
 Mangalore Campus

MD (Anaesthesiology)	•	•
MD (Anatomy)*	•	•
MD (Biochemistry)*	•	•
MD (Community Medicine)*	•	
MD (Dermatology,		
Venerology & Leprosy)	•	•
MD (Forensic Medicine)*	•	
MD (General Medicine)	•	•
MD (Hospital Administration)	•	
MD (Immunohematology &	•	
Blood Transfusion)*		
MD (Microbiology)*	•	•
MD (Paediatrics)	•	•
MD (Pathology)*	•	•
MD (Pharmacology)*	•	•
MD (Physiology)*	•	•
MD (Psychiatry)	•	
MD (Pulmonary Medicine)	•	
MD (Radio diagnosis)	•	•
MD (Radiotherapy)	•	
MS (General Surgery)	•	•
MS (Obstetrics & Gynaecology)	•	•
MS (Ophthalmology)	•	•
MS (Orthopaedics)	•	•
MS (Oto-Rhino-Laryngology)	•	•
DA (Anaesthesiology)	•	•
DCH (Paediatrics)	•	•
DDVL (Dermatology,		
Venerology & Leprosy)	•	
DGO (Obstetrics &		
Gynaecology)	•	
DO (Ophthalmology)	•	•
DOrtho (Orthopaedics)	•	
DLO (Oto-Rhino-Laryngology)	•	•
DPM (Psychiatry)	•	
DMRD (Radio Diagnosis)	•	
DCP (Clinical Pathology)*	•	•

\*Non clinical

#### Duration

MD/MS - 3 years (The duration of MD and MS courses is 2 years for those with a 2 years recognised diploma in the same speciality).

PG Medical Diploma - 2 years

#### Eligibility

Citizenship: Indian nationals can apply under the General/Inservice Category. Foreign nationals or NRI or Indian nationals supported by NRI relatives can apply under the Foreign/NRI Category. To qualify under the NRI Category candidates must be an NRI or supported by either Parents or Brothers or Sisters or Spouse having an NRI status.

Candidates supported by cousin brother / cousin sister, uncle, aunt, brother / sister-in-law or any other person will not be accepted.

Note: NRI applicants should enclose the photocopy of the passport and photocopy of the sponsoring relative's passport along with their application. If the spouse is sponsoring and his/her name is not reflected in the passport, marriage registration certificate should be enclosed. No other certificate or affidavit in lieu of the above will be accepted. Applications without the above mentioned enclosures will be treated as incomplete and will be rejected. No appeals will be entertained.

Also a photocopy of notary affidavit by the sponsoring relative from the country of residence in the format available in the website to be submitted.

Qualification: Pass in MBBS degree recognized by Medical Council of India.

#### Internship:

Candidates completing their compulsory rotating internship on or before 30.04.2016 are eligible.

Note: Candidates completing internship after 30.04.2016 are not eligible for admissions in this academic year.

#### **Registration:**

Candidates should have obtained permanent registration with Medical Council of India / State Medical Councils & Karnataka Medical Council and should submit the same on or before the commencement of classes.

#### Admissions:

General/In-service/Foreign/NRI Category: Admissions are done on the basis of rank in the All India Manipal University Online Entrance Test (MU-OET) 2016. Note: Only candidates who have secured minimum of 50% marks in All India Manipal University Online Entrance Test (MU-OET) 2016 will be considered for admissions.

Government Category: Few medical seats in KMC, Manipal & Mangalore are reserved for candidates selected by the Karnataka Examinations Authority (KEA), Government of Karnataka, Bangalore.

Note: Candidates can apply either under General/In-service or Foreign/NRI Category. Those submitting applications under both General and Foreign/NRI categories will be considered only under the General Category. Change of category at a later stage will not be entertained under any circumstances.

#### Note for Foreign/NRI Category

Foreign nationals or candidates holding foreign degrees must write to the Medical Council of India to obtain a temporary registration for the duration of the postgraduate training. Such candidates must be registered as Medical practitioners in the country from which they have obtained their basic Medical qualification. Their degrees must also be recognized by the corresponding Medical Council or by any other equivalent authority.

#### Note for In-Service Category

Based on the requirements of the department/institution, a few seats are reserved under this category. Seat allocation in this category depends on the need for getting faculty in a particular specialization which will be decided from time to time. Such candidates must be ready to give service agreement to serve Manipal University or sister institutions for atleast 3 years after completion of the course.

To be eligible, the Indian citizens who have served the institution/s (KMC Manipal or KMC Mangalore or associated teaching hospitals of MU) as Junior Resident for a minimum period of 1 year and are in active service at the above mentioned institution/s at the time of counselling.

Candidates who are not working at the time of admission as above will not be considered under this category. These candidates will pay the same fees as applicable to the candidates under the general category.

#### Entrance Test, Counseling, Hostels

For details, visit website www.manipal.edu

Course Fees, Hostel Fees, Refund Rules: Refer Section 2

Last date for receipt of application: 27.01.2016

Commencement of Classes: 02.05.2016

#### **MSc MEDICAL COURSES**

Manipal Campus 
 Mangalore Campus

MSc (Medical) - Anatomy	•	•
MSc (Medical) - Physiology	•	•
MSc (Medical) - Biochemistry	•	•
MSc (Medical) - Microbiology	•	•
MSc (Medical) - Pharmacology	•	•
MSc (Medical) - Clinical Embryology	•	
MSc (Yoga Therapy)	•	
MSc (Genetics Counseling)	•	

#### Duration:

MSc (Medical) courses - 2 years MSc (Medical) Clinical Embryology - 2 years MSc (Yoga Therapy) - 2 years MSc (Genetics Counseling) - 2 years

#### Eligibility

Citizenship: Indian nationals can apply under the General category. Foreign nationals or NRI or Indian nationals supported by NRI relatives can apply under the Foreign/NRI category.

Qualification: MSc (Medical) - Anatomy, Physiology, Biochemistry, Microbiology, Pharmacology

The candidate must have passed BSc with at least one subject of Biological Sciences or BAMS or MBBS or BHMS or BPT or BPharm or any other professional graduates from a recognized University. BSc graduates with Physics and Chemistry optionals, could be considered for admission to MSc Biochemistry course.

MSc (Medical) Clinical Embryology: Candidates who have completed their BSc with Reproduction, Zoology, Microbiology, Biochemistry, Biotechnology, Bioscience or Physiology as one of the subjects are eligible.

MSc (Yoga Therapy): Graduates in any discipline are eligible.

MSc (Genetics Counseling): The candidate must have passed MBBS / BDS / BSc Nursing / Human Genetics / Human Biology / Medical Biotechnology / Molecular Biology and Allied Health from a recognized university.

**Marks:** Candidates must have obtained not less than 50% (60% for MSc Clinical Embryology) marks in aggregate in the qualifying examination.

#### Admissions

General Category: Admissions for MSc courses in Anatomy, Physiology, Biochemistry, Microbiology and Pharmacology are done on the basis of rank in the All India Manipal University Online Entrance Test (MU-OET) 2016.

For MSc (Genetics Counseling), admissions are done on the basis of rank in the All India Manipal University Online Entrance Test (MU-OET) 2016 and Personal Interview to assess aptitude of the candidate.

For MSc (Medical) Clinical Embryology, admissions are done on the basis of rank in the All India Manipal University Online Entrance Test (MU-OET) 2016.

For MSc (Yoga Therapy), admissions are done on the basis of marks obtained in the qualifying examination and there is no entrance test.

Foreign/NRI Category: Admissions are done on the basis of marks obtained in the qualifying examination.

Note: Candidates can apply either under General Category or Foreign/NRI Category. Those submitting applications under both General and Foreign/NRI categories will be considered only under General Category. Change of category at a later stage will not be entertained under any circumstances.

#### Entrance Test, Counseling, Hostels

For details, visit website www.manipal.edu

Course Fees, Hostel Fees, Refund Rules: Refer Section 2

Last date for receipt of application: 01.06.2016

Commencement of Classes: 08.08.2016.

#### POST GRADUATE CERTIFICATE COURSE IN PANCHAKARMA

Offered at KMC, Manipal Campus

Duration: 6 months.

#### Eligibility

Citizenship: Indian nationals.

Qualification: Candidates must have a bachelors degree in Ayurveda from a recognized University and completed the compulsory rotatory internship.

#### **Admissions**

Admissions are done on the basis of marks obtained in the qualifying examination and interview.

Merit List, Counseling, Hostels For details, visit website www.manipal.edu

Course Fees, Hostel Fees, Refund Rules: Refer Section 2

Last date for receipt of application Batch 1 - 20.02.2016 Batch 2 - 30.06.2016

Commencement of Classes Batch 1 - 01.03.2016

Batch 2 - 01.09.2016

#### **MPHIL (PSYCHIATRIC SOCIAL WORK)**

Offered at KMC, Manipal Campus

Duration: 2 years.

#### Eligibility

**Citizenship:** Indian Nationals can apply under the General Category. Foreign nationals or Non Resident Indians or Indian nationals supported by NRI relatives can apply under the Foreign/NRI Category.

Qualification: Candidates must have passed full time MSW (Social Work) from a recognized University with a minimum of 55% marks in aggregate of the Masters Degree course as a whole.

#### Admissions

General/Foreign/NRI Category: The Admissions are on the basis of performance in the departmental level entrance test and interview, together with marks obtained in the qualifying degree examination.

Note: Candidates can apply either under General or Foreign/NRI Category. Those submitting applications under both General and Foreign/NRI Category will be considered only under the General Category. Change of category at a later stage will not be entertained under any circumstances.

Selection Test, Merit List, Hostels

For details, visit website www.manipal.edu

Course Fees, Hostel Fees, Refund Rules: Refer Section 2

Last date for receipt of application: 30.06.2016

Commencement of Classes: 01.08.2016

## DOCTOR OF MEDICINE (DM)

Offered at KMC, Manipal Campus

DM (Cardiology) DM (Gastroenterology)

- DM (Neurology)
- DM (Nephrology)

Duration: 3 years

Eligibility

Citizenship: Indian nationals.

Qualification: MD in General Medicine or Paediatrics from a college recognized by the Medical Council of India.

#### **Registration:**

Permanent registration with Medical Council of India.

#### Admissions

Admissions are done on the basis of past academic and professional record and a selection test consisting of departmental written test, clinical examination, viva-voce and interview.

Note: Candidates must attach the photocopy of postinternship professional experience and post MD professional experience (give details of designation, institution, nature of work, duration etc), list of publications in reputed professional journals, list of papers presented at national / international conferences along with FORM in order to avail this credit.

#### Selection Test, Merit List, Hostels

For details, visit website www.manipal.edu

Course Fees, Hostel Fees, Refund Rules: Refer Section 2

Last date for receipt of application: 30.06.2016

Commencement of Classes: 01.08.2016

## MASTER OF CHIRURGIAE (MCh)

Offered at KMC, Manipal Campus

MCh (Cardiothoracic Surgery) MCh (Neuro Surgery) MCh (Paediatric Surgery) MCh (Urology)

Duration: 3 years.

#### Eligibility

Citizenship: Indian nationals.

Qualification: MS in General Surgery from a college recognized by the Medical Council of India.

**Registration:** 

Permanent registration with Medical Council of India.

#### Admissions

Admissions are done on the basis of past academic and professional record and a selection test consisting of departmental written test, clinical examination, viva-voce and interview.

Note: Candidates must attach the photocopy of postinternship professional experience and post MS professional experience (give details of designation, institution, nature of work, duration etc.), list of publications in reputed professional journals, list of papers presented at national/international conferences along with FORM in order to avail this credit.

Selection Test, Merit List, Hostels For details, visit website www.manipal.edu

Course Fees, Hostel Fees, Refund Rules: Refer Section 2

Last date for receipt of application: 30.06.2016

Commencement of Classes: 01.08.2016

#### ADVANCED TRAINING PROGRAM IN DIABETES CARE

Offered at KMC, Manipal Campus

Duration: 1 year

#### Eligibility

Qualification: Candidates must have a MD degree with relevant specialization

#### Admissions

Admissions are done on the basis of departmental written test, personal interview.

Hostels: For details, visit website www.manipal.edu

Course Fees, Hostel Fees, Refund Rules: Refer Section 2

#### Commencement of Classes: January 2016

For more details, contact The Dean, Kasturba Medical College, Manipal Tel: 0820 2922552 Email: office.kmc@manipal.edu

#### ADVANCED TRAINING PROGRAM IN CLINICAL GENETICS

Offered at KMC, Manipal Campus

Duration: 1 year

#### Eligibility

Qualification: Candidates must have a MD/equivalent degree with relevant specialization

#### Admissions

Admissions are done on the basis of departmental written test, personal interview.

Hostels: For details, visit website www.manipal.edu

#### Course Fees, Hostel Fees, Refund Rules: Refer Section 2

#### Commencement of Classes: May 2016

For more details, contact The Dean, Kasturba Medical College, Manipal Tel: 0820 2922552 Email: office.kmc@manipal.edu

# School of Allied Health Sciences

#3

Ranked No.3 among Allied Health Colleges in India Source: The Week 2012 School of Allied Health Sciences (SOAHS) envisions training and developing empowered healthcare professionals who create a difference in the quality of life of physically and psychosocially compromised individuals. These professionals are trained to use cutting-edge technology for various diagnostic, therapeutic, and monitoring of direct patient care and support services to impact different dimensions of human health and practices. Allied Health Professionals are vital for holistic healthcare. Minister of Health & Family Welfare of India, reports a national shortage of 64 lakh allied health personnel as on 21st December 2012.

SOAHS was established by Manipal University in 1999 to exclusively cater to training and development of Allied Health professionals. The School utilizes clinical facilities of the Constituent University teaching hospitals at Manipal, Mangalore and Bangalore. The School is ISO 9001:2008 and ISO 14001:2004 certified.

The graduate and postgraduate programs offered by SOAHS are specifically designed to prepare professionals for work in rewarding careers in rapidly growing healthcare industry. The courses are tailored keeping in mind the changing scenario in healthcare market and resulting demands nationally and globally. In addition to instructions by qualified allied health professionals, the programs also provide experiential education by allowing students to work alongside health professionals in real-work situations. The School allows numerous opportunities for students to showcase and expand their potential in their respective fields. SOAHS is truly a center where research skills gel with the curriculum and makes learning an unique experience.

#### Accreditations & Recognition

- Speech and Hearing Rehabilitation Council of India (RCI)
- Nuclear Medicine Atomic Energy Regulatory Board (AERB)
- Occupational Therapy All India Occupational Therapists' Association (AIOTA)
- Physiotherapy Indian Association of Physiotherapists (IAP)
- Respiratory Therapy Indian Association of Respiratory Care (IARC)
- MPhil Cinical Psychology Rehabilitation Council of India (RCI)
- Medical Radiotherapy Technology- Atomic Energy Regulatory Board (AERB)
- Medical laboratory Technology Recognized in Kuwait, Qatar, Oman & UAE.

- Optometry Recognized as a premier members of the Association of Schools and Colleges of Optometry, India and World Council of Optometry, UK.
- Clinical Psychology Rehabilitation Council of India
- The Rehabilitation Council of India has awarded 'Excellent' grading to the Department of Speech and Hearing and the School of Allied Health Sciences for its training programme and contribution to the welfare of the hearing impaired.

#### **Research Excellence**

School of Allied Health Sciences is one of the most active research and innovation centres in the field of Allied Health Sciences. With research grants worth over 2.8 crore INR, the School have completed more than 250 projects successfully.

School of Allied Health Sciences is the first Institution in the country offering doctoral programmes in various specialities of Allied Health Sciences. With 50 doctorates and over 60% of the faculty registered for doctoral research, the school has some of the most qualified research guides in the country. This, along with best-in-class infrastructure has made SOAHS a sought after destination for international students to pursue their doctoral degrees.

#### National/International Collaboration:

- World Federation of Occupational Therapy (WFOT)
- Spastic Society of Karnataka

#### Industry Collaboration

- WiproGE Health Care Pvt. Ltd.
- Manipal Cure and Care Pvt. Ltd
- Vinyas Innovative Technologies
- Visinet Health Care Pvt Ltd
- Manipal Health System Pvt Ltd
- Technomed Electronics

#### Institutional Collaboration

- World Diabetes Foundation, Denmark
- American Health Information Management (AHIMA) Foundation, Chicago, USA).
- Cancer aid and Research Foundation, India
- Robert Gordon University, UK
- IT University of Copenhagen, Denmark
- University of Illinois, USA
- University of Albama, USA
- Griffith University, Australia
- Federation University, Australia
- Flinders University, Australia
- Manchester Metropolotan University, UK
- University of Buraimi, Sultanate of Oman
- State University of Zanzibar, Tanzania

#### **Research Collaboration**

• McGill University, Canada

#### Innovations

SOAHS provides institutional support to faculties and student innovators. Also facilitates inter-disciplinary 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 the few

- Reaction timer for assessing lower limb (leg)
- 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

#### **Advantages**

- First institution in India exclusively dedicated to the education of Allied Health Professionals
- Clinical training at Manipal Hospital Bangalore 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
- National and international collaboration
- State of the art labs

#### **Research Excellence in Numbers**

For the last 5 years	Manipal	Mangalore	Bangalore
Journal Publication	350	194	18
Conference presentation	239	194	39
Workshop/ Seminars	46	22	05
Ongoing Funded research projects	15	15	01
Ongoing research projects	146	63	11
Research projects completed	655	175	24
Funded research projects Completed	21	05	01

#### Placements

School of Allied Health Sciences is focused on ensuring challenging and rewarding career opportunities for its students. More than 95% 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 SOAHS, have been absorbed well in many of the reputed organizations.

SOAHS's graduate & postgraduates are associated with national and international firms like

Aster DM Health Care | Philips | Essilor | Arvind Eye Hospital | Aditya Birla Group | Max health care Group | Wockhardt Hospital | Dubai Health Care City | Amplifone | RCM Health Care Service, USA | Philips respironics | Hamad Medical Corporation, Qatar | Wipro GE Healthcare | Octave | Baby Memorial Hospital | Wellcare Institute of Speech and Hearing | Little Flower Hospital | GN Resound | Amplifon | Magpie Speech & Language Intervention Services | AlISH | NITTE University | MAPS | Father Mullers College of Speech and Hearing | Samvaad Institute of Speech and Hearing | Kokilaben Dhirubai Ambani Clinical & Research Hospital | Qi Spine | Portea | Fortis

#### Quotes from alumni

I would say... joining the Master's program in Health Information Management at Manipal University was one of the best decisions I had taken in my life.. The curriculum and training had really helped me in developing my qualities and skills to be a team player as a health information management professional. As the requirement for qualified HIM professionals are on the rise globally, Manipal University offers one of the best academic experience in India.

Teaching was my all-time favourite dream and I was lucky enough to be a part of the teaching faculty of my Alma Mater for few years. The experience learned from SOAHS and Manipal University has helped me continue my dream profession overseas as well. To day being a proud alumini of Manipal University, I am grateful to all my teachers and mentors at Manipal for all it has offered to be me what I am today. Geena Mary Skaria

> Lecturer, College of Allied Health Sciences, Gulf Medical University, Ajman, UAE

"Academic excellence and superb faculty is what I will sum for the college. I would like to mention the more intangible and, in my opinion, the more enduring lifelong benefit/ advantage that SOAHS, Bangalore has given me.

Doing MPT was a life-changing experience for me. The programme was designed and administered so seamlessly and to add on all the faculty were always ready to guide and go out of their way to help.

The practical skills backed by academic knowledge have given me the confidence to pursue a career where ever I go. This, for me, is the biggest strength of SOAHS, Bangalore."

Shruti Harlalka, Ergonomist, Goldman Sachs

## Courses offered

#### **BACHELORS PROGRAMS**

The School utilizes clinical facilities of the Constituent University teaching hospitals at Manipal and Mangalore for training, as indicated.

Manipal 
 Mangalore

Bachelor in Audiology & Speech Language Pathology - B.ASLP	•	•
B.Sc. (Cardiovascular Technology)	•	
Bachelor of Optometry - B.Optom	•	
B.Sc. (Health Information Administration)	•	
B.Sc. (Medical Imaging Technology)	•	
B.Sc. (Medical Laboratory Technology)	•	
B.Sc. (Medical Radiotherapy Technology)	•	•
Bachelor of Science B.Sc. (Nuclear Medicine Technology)	•	
Bachelor of Occupational Therapy - BOT	•	
B.Sc. (Perfusion Technology)	•	
Bachelor of Physiotherapy - BPT	•	•
Bachelor of Science B.Sc. (Respiratory Therapy)	•	
B.Sc. (Renal Replacement Therapy & Dialysis Technology)	•	
B.Sc. (Exercise and Sports Sciences)	•	

#### Duration:

**BPT, BOT** - 4 years plus 6 months of Internship (9 Semesters)

BASLP, B Sc MIT, BSc MLT, BSc CVT, BSc RT, BOptom, BSc PFT, BSc RRT & DT, BSc MRT - 3 years plus 1 year of Internship (8 Semesters)

BSc NMT - 3 years plus PGDNMT 1 year (8 Semesters)

BSc Exercise and Sports Sciences - 3.5 years plus 6 months of Internship (8 semesters)

BSc HIA - 3 years (6 Semesters)

\*BSc MRT - 3 years plus 1 year internship. Diploma in Radio Technology holders with more than 3 years' experience will be exempted from the Internship

#### Eligibility

Citizenship: Indian nationals.

#### Qualification:

Pass in 10+2, A Level, IB, American 12th Grade or equivalent with:

- Physics, Chemistry, English and Biology for admission to BPT / BOT/ BSc MIT/BSc MLT/BSc CVT/BSc RT/ BSc NMT/BSc RRT & DT/BSc PFT with a minimum of 50% marks taken together in Physics, Chemistry and Biology.
- Physics, Chemistry and English with Biology or Mathematics as optional subjects for admission to BASLP/BOptom, with a minimum of 50% marks taken together in Physics, Chemistry and any one of the optional subjects.
- Physics, Chemistry, Mathematics and English for admission to BSc MRT, with a minimum of 50% marks in Physics, Chemistry and Mathematics taken together.
- Any Science/Arts/Commerce groups for admission to BSc HIA, with a minimum of 50% marks in aggregate.
- Physics, Chemistry, Biology with or without Mathematics and a minimum of 50% marks taken together in Physics, Chemistry and Biology for admission to **B.Sc Exercise and Sports Science**.

#### Admissions

#### General Category: BPT/ BOT/ BSc MIT/ BScMLT/ BSc CVT/ BSc RT/ BSc NMT/ BSc RRT & DT/ BSc PFT/BSc E&SS:

Admissions are done on the basis of marks obtained in Physics, Chemistry and Biology in the qualifying examination.

BASLP/BOptom.: Admissions are done on the basis of marks obtained in Physics, Chemistry and Biology or Mathematics in the qualifying examination.

BSc MRT: Admissions are done on the basis of marks obtained in Physics, Chemistry and Mathematics in the qualifying examination.

**Bsc HIA:** Admissions are done on the basis of total marks obtained in the qualifying examination.

Foreign/NRI Category: Candidates desirous of applying under this category can write to foradmission@manipal.edu or call + 91 820 2571000/2922400. For online application and details visit : www.manipal.edu/intlug

Note: Candidates can apply both under General and Foreign/NRI categories. Change of category from Foreign/NRI to General after admission will not be entertained under any circumstances. The application material given along with this prospectus is only applicable for General Category.

#### Merit list, Counseling, Hostels:

For details, visit website www.manipal.edu

Course Fees, Hostel Fees, Refund Rules: Refer Section 2

Last date for receipt of application: 10.06.2016

Commencement of Classes: 21.07.2016

#### **MASTERS PROGRAMS**

The School utilizes clinical facilities of the Constituent University teaching hospitals at Manipal, Mangalore and Bangalore for training, as indicated.

#### Manipal • Mangalore • Bangalore

Master of Physiotherapy MPT			
MPT (Cardiopulmonary Sciences)	•	•	•
MPT (Community Physiotherapy)	•	•	
MPT (Neurosciences)	•	•	•
MPT (Orthopaedics)	•	•	•
MPT (Paediatrics and Women's Health)	•	•	•
MPT (Sports & Clinical Biomechanics)	•		
Masters of Occupational Therapy	и МОТ		
MOT (Developmental Disabilities)	•		
MOT (Hand & Musculoskeletal Conditions)	•		
MOT (Neuro Rehabilitation)	•		
MOT (Mental Health & Psychosocial Rehabilitation)	•		
Master in Audiology & Speech Language Pathology (M.ASLP)	•	•	
Master of Optometry (M.Optom)	•		
Master of Science (Respiratory T	herap	y)	
M.Sc. (RT) Adult Respiratory Care	•		
M.Sc. (RT) Neonatal & Paediatric Respiratory Care	•		
Master of Science M.Sc. (Medica Technology)	l Labo	ratory	
M.Sc. MLT (Clinical Biochemistry)	•		
M.Sc. MLT (Microbiology & Immunology)	•		
Master of Science			
M.Sc. (Medical Imaging Technology)	•		

M.Sc. (Nuclear Medicine Technology)	•	
M.Sc. (Hospital & Health Information Administration)	•	
M.Sc. (Medical Radiation Physics)	•	
M.Sc. (Echocardiography)	•	
M.Sc. (Cardiac Cath & Intervention Technology)	•	
M.Sc.(Renal Replacement Therapy & Dialysis Technology)	•	
M.Sc. (Clinical Psychology)	•	
M.Sc. (Exercise & Sports Sciences)	•	
M.Sc. (Perfusion Technology)	•	
MSc Health Informatics		
Healthcare IT Management	•	
Software Development and Management	•	

#### Duration:

MSc Clinical Psychology, MSc Exercise & Sports Science, MSc Health Informatics, MSc HHIA, MSc MIT, MSc MRP, MSc PFT - 2 years (4 Semesters)

MPT, MOT, MASLP, MSc MLT, MSc NMT, MSc RRT & DT, MSc RT, MOptom, MSc Echocardiography, MSc Cardiac Cath & Intervension Technology - 2 years

#### Eligibility

Citizenship: Indian Nationals can apply under the General Category. Foreign nationals or Non Resident Indians or Indian nationals supported by NRI relatives can apply under the Foreign/NRI Category.

**Qualification:** Pass in the following from a recognized University with minimum of 50% marks (60% marks for MSc Medical Radiation Physics) in aggregate:

- BPT with minimum of 50% marks and IELTS with score band of 7 for those seeking admission to MPT Sports & Clinical Biomechanics
- BPT for those seeking admission to MPT course
- BOT/BSc OT/BOTh for those seeking admission to MOT course
- BSLH/BASLP for those seeking admission to MASLP course
- BSc RT for those seeking admission to MSc(RT) course
- BSc MLT/BMLT for those seeking admission to MSc MLT course

- BSc MIT of 3 years regular course from any university recognised by UGC+1 year compulsory Internship or clinical experience for those seeking admission to MSc MIT course
- BSc in Nuclear Medicine (BNMT) with DNMT or Diploma in Medical Radio Isotopes Techniques (DMRIT) from BARC or PG Diploma in Nuclear Medicine Technology or BSc in Medical Imaging Technology (BSc MIT)/ equivalent or BSc with Mathematics/Physics/Chemistry/ Biology as major subject for those seeking admission to MSc NMT course
- BSc OPT/BOptom for those seeking admission to MOptom course
- BSc Cardiac Care/Cardiovascular Technology for those seeking admission to MSc Echocardiography
- BSc Cardiac Care/Cardiovascular Technology OR Diploma in Cardiovascular Technology with minimum of 3 years experience for those seeking admission to MSc Cardiac Cath & Intervention Technology
- Graduates in any discipline with a minimum of 50% marks for those seeking admission to MSc HHIA course
- BSc Graduates with Physics as major or BSc with Physics as one of the major subjects from any university recognised by UGC in English medium for those seeking admission to MSc MRP course
- BSc RRT & DT for those seeking admission to MSc RRT & DT course
- BSc (with Physics/ Mathematics as one subject)/ BCA/ Engineering Degree/ Health Science (MBBS/ BDS/ Nursing/ Allied Health Courses) or equivalent with 50% marks for those seeking admission in MSc Health Informatics
- MBBS/BPT/BOT/BScOT/BSc Exercise & Sports Sciences from a recognized university with a minimum 50% marks in aggregate for those seeking admission in MSc Exercise & Sports Sciences
- B.Sc. in Perfusion Technology or B.Sc. any science stream with Diploma in Perfusion Technology from a recognized university with a minimum 50% marks in aggregate for those seeking admission in MSc in Perfusion Technology.

#### Internship

Completed or completing their compulsory internship on or before 15.08.2016 for MSc MLT, MSc MIT, MPT, MOT, MASLP, MOptom, MSc (RT), MSc Echocardiography, MSc Cardiac Cath & Intervention Technology & MSc RRT & DT, MSc Perfusion Technology courses.

#### **Admissions**

General Category: Admissions for MPT and MASLP courses are done on the basis of rank in the All India Manipal University Online Entrance Test (MU-OET) 2016.

Admissions for MSc Echocardiography, MSc Cardiac Cath & Intervention Technology are done on the basis of marks obtained in the departmental test.

Admissions for MSc NMT will be on the basis of merit list

Admission to Master of Optometry Programme is based on the departmental test and personal interview.

Admissions for MSc Exercise & Sports Science are on the basis of performance in the departmental level entrance test and interview, together with marks obtained in the qualifying degree examination.

For all other courses, the admissions are on the basis of marks obtained in the qualifying examination and there is no entrance test.

Foreign/NRI Category: Admissions are done on the basis of marks obtained in the qualifying examination.

Note: Candidates can apply either under General or Foreign/NRI Category. Those submitting applications under both General and Foreign/NRI categories will be considered only under the General Category. Change of category at a later stage will not be entertained under any circumstances.

#### Entrance Test, Counseling, Hostels

For details, visit website www.manipal.edu

#### Course Fees, Hostel Fees, Refund Rules: Refer Section 2

### Last date for receipt of application 30.05.2016

15.05.2016 (for MPT and MASLP)

#### **Commencement of Classes**

MPT, MOT, MLT, MIT, MASLP, M.Sc. Echocardiography MSc Cardiac Cath& intervention Technology, MSc PFT, M.Optom -16.08.2016

MSc HHIA, MSc Health Informatics, MSc RRT & DT, MSc RT, MSc MRP, MSc Exercise & Sports Science, MSc NMT - 01.08.2016

#### M.Sc. Clinical Psychology

Duration: 2 years

#### Eligibility

**Citizenship:** Indian Nationals can apply under the General Category. Foreign nationals or Non Resident Indians or Indian nationals supported by NRI relatives can apply under the Foreign/NRI Category.

Qualification: Candidates who have obtained a Bachelor's Degree in Psychology or equivalent, with a minimum 55% marks in aggregate or equivalent grade point average. OR Students who have completed Bachelor's degree with Psychology as a core subject (completed minimum 60 hours or equivalent).

#### Admissions

General Category: Admissions are done on the basis of rank in the All India Manipal University Online Entrance Test (MU-OET) 2016. Foreign/NRI Category: Admissions are done on the basis of marks obtained in the qualifying examination.

Note: Candidates can apply either under General or Foreign/NRI Category. Those submitting applications under both General and Foreign/NRI Category will be considered only under the General Category. Change of category at a later stage will not be entertained under any circumstances.

#### Entrance Test, Counseling, Hostels

For details, visit website www.manipal.edu

Course Fees, Hostel Fees, Refund Rules: Refer Section 2

Last date for receipt of application: 30.05.2016

Commencement of Classes: 01.08.2016

#### Master of Science M.Sc. (Nuclear Medicine Technology) Lateral Entry

#### Duration: 1 year.

Candidates are admitted directly to second year.

#### Eligibility

**Citizenship:** Indian Nationals can apply under the General Category. Foreign nationals or Non Resident Indians or Indian nationals supported by NRI relatives can apply under the Foreign/NRI Category.

Qualification: Post-graduate Diploma holders in Nuclear Medicine Technology (DNMT/DMRIT) approved by Atomic Energy Regulatory Board, Mumbai subject to the condition that the degree will be awarded only when they attend and pass the following three additional papers along with the second year theory papers:

- 1) Mathematics in Nuclear Medicine
- 2) Computers in Nuclear Medicine
- 3) Biomedical Engineering.

#### Admissions

General/Foreign/NRI Category: Admissions are done on the basis of marks obtained in the qualifying examination.

Note: Candidates can apply either under General or Foreign/NRI Category. Those submitting applications under both General and Foreign/NRI categories will be considered only under the General Category. Change of category at a later stage will not be entertained under any circumstances.

#### Merit list, Counseling, Hostels

For details, visit website www.manipal.edu

Course Fees, Hostel Fees, Refund Rules: Refer Section 2

Last date for receipt of application: 30.05.2016

Commencement of Classes 01.08.2016

#### Master of Philosophy M.Phil (Clinical Psychology)

Duration: 2 years

#### Eligibility

Citizenship: Indian Nationals can apply under the General Category. Foreign nationals or Non Resident Indians or Indian nationals supported by NRI relatives can apply under the Foreign/NRI Category.

Qualification: The candidates must have passed full time MA Psychology or MSc Psychology from a recognised university with a minimum of 55% marks in aggregate in the master degree course as a whole.

#### Admissions

General Category: Admissions are done on the basis of rank in the All India Manipal University Online Entrance Test (MU-OET) 2016. and the Department level Interview. For more details visit website www.manipal.edu

Foreign/NRI Category: Admissions are done on the basis of marks obtained in the qualifying examination.

Note: Candidates can apply either under General or Foreign/NRI Category. Those submitting applications under both General and Foreign/NRI categories will be considered only under the General Category. Change of category at a later stage will not be entertained under any circumstances.

Entrance Test, Merit List, Counseling, Hostels For details, visit website www.manipal.edu

Course Fees, Hostel Fees, Refund Rules: Refer Section 2

Last date for receipt of application: 30.06.2016

Commencement of Classes: 01.08.2016

# School of Life Sciences

## #1

Ranked No.1 Biotechnology Schools in Karnataka Source: BioSpectrum Survey, 2011

### #3

Ranked No.3 among top private Biotechnology Schools in India Source: BioSpectrum Survey, 2011

#### **Mission**

The Mission Statement of the School is to engage in cutting edge research, training, education and offer help to the community in the field of human health. 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 science research. Since its inception in 2006, the School has trained researchers and practitioners who are making a positive difference in the community.

The School is ISO 9001:2008 and ISO 14001:2004 certified.

The School of Life Sciences (SOLS), Manipal established in the year 2006 conducts a B.Sc. program in Biotechnology and three M.Sc. programs in Medical Biotechnology, Molecular Biology & Human Genetics, and Bioinformatics. 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 become biotechnologists, geneticists and bioinformaticians equipped with knowledge, competence and commitment who will be self-directed individuals and responsible citizens.

#### SOLS also has following departments:

- Department of Biotechnology
- Department of Radiation Biology & Toxicology
- Department of Biophysics
- Department of Ageing Research
- Department of Plant Sciences
- Department of Bioinformatics
- Department of Cell and Molecular Biology

The Department of Biotechnology performs state-of-the-art research and developmental activities in the area of human health. Department of Cell and Molecular Biology performs genetic and molecular diagnosis of human diseases. 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. 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 by the Department of Bioinformatics.

#### 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, Govt. of India) in the area of Pharmacogenomics and Translational Research with program support from Department of Biotechnology, Govt. of India

- State-of-the-art research infrastructure, well qualified researchers & faculty and nationally and internationally acclaimed research and translational programs related to human health
- Supported by FIST, Government of India
- Program supports from Department of Biotechnology, Government of India in Translational Research
- Selected under K-FIST programme, Government of Karnataka
- Selected as BT Finishing School by Government of Karnataka

#### Collaborations and Partnerships:

#### Institutional Collaborations

Indian Institute of Science (Bengaluru), CCMB (Hyderabad), Sri Ramachandra University (Chennai), Mangalore University (Mangalore), University of Madras (Chennai), University of Pune (Pune), NIMHANS (Bengaluru), JIPMER (Puducherry), IGIB (New Delhi), etc.

#### International Research Collaborations

Collaborations for research and academics with: University of Queensland (Australia), Queensland University of Technology (Australia), Flinders University (Australia), The Wistar Institute (USA), University of Alabama (USA), University of California (USA), University of Miami (USA), Helmholtz Research Center, Munich (Germany), University of Kyoto (Japan), University of Nottingham (United Kingdom), Lancaster University (United Kingdom), Edinburgh Napier University (Scotland), University of Aberdeen (Scotland), Joseph Fourier University (France), University of Lille (France), Maastricht University (The Netherlands), Sao Paulo State University (Brazil), and National Institute of Advanced Industrial Science and Technology (Japan).

#### Industry Collaborations

Achira Labs, Advinus Pharma, Bhat Biotech, Cipla, Himalaya India, Johnson & Johnson, Juggat Pharma, Lupin, Natural Remedies, Panacea Biotech, Philips, Stempeutics, Acunova

#### **Recognitions / Accreditations**

• University Grants Commission (UGC)

#### Research Excellence in Numbers

For the last 5 years	SOLS, Manipal
Patents Filed	12
International Conferences	6
Symposia and Workshops	29
Publications in Journals & Books	273

#### **Research Activities**

- Targeting of transcription factors as suppressor elements in cancer
- Gene regulation by epigenetics in cancer
- Genetics of eye disorders
- Pharmacogenomics of human diseases (Bipolar disorder, Schizophrenia, cancer, diabetes)
- Molecular mechanisms of non-communicable diseases such as diabetes
- Rationally designed anticancer drugs and chemoresponse mechanisms in human cancers
- Human and population variation analysis
- Protein profiling using Mass Spectrometry, HPLC
- Radiation Biology and Toxicogenomics
- Bioinstrumentation of photo-acoustics and LIF for diagnosis of human diseases
- Global warming and greenhouse effects
- Functional properties of medically important plants
- Molecular mechanisms of ageing in humans
- Bioinformatics and database construction
- Stem cells and differentiation
- Infectious disease research such as viral diseases, malaria
- Mycology Research



## International Students exchange Programs

The School of Life Sciences, through research and academic collaborations, has signed Memorandum of Understandings with several universities and institutions of repute to promote research, education and human resource development activities. Meritorious students of School of Life Sciences, at both undergraduate and post-graduate levels, are provided with opportunities to undergo training and education at the 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,

- University of Queensland (Australia),
- Queensland University of Technology (Australia),
- Flinders University (Australia),
- Maastricht University (the Netherlands),
- Joseph Fourier University (France),
- Lancaster University (UK),
- Edinburgh-Napier University (UK),
- University of Nottingham (UK) and
- Utrecht University (The Netherlands)
- University of Miami (USA)

#### Placements

Almost 90% of the post-graduate students from SOLS are currently employed in relevant industries or are pursuing their PhD. Some of the companies where the students have been employed in India are Biocon India, Astra Zeneca, Piramal Life Sciences, Advinus, Serum Institute, Natural Remedies, Himalaya Healthcare, Thermo Fisher Scientific among many others.

Countries where the students have been registered for PhD are Australia, Canada, Germany, Italy, The Netherlands, Spain, Switzerland, UK and USA.

In India, a number of top research Institutes and Universities have accepted our students for PhD programmes and research positions.

#### Quotes from alumni or students

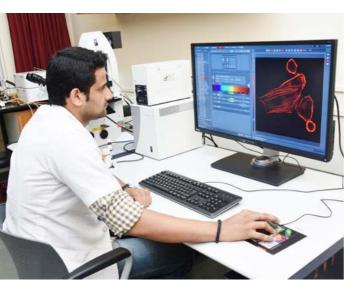
"I have no doubt in my mind that graduating from MLSC (sic) opened so many doors for me, leading to my successful scientific carrier so far. The excellent curriculum of having diverse subjects from molecular biology to genetics to bioinformatics gave me a very strong background. Importantly, the curriculum which included doing a Master's research project gave me an opportunity to do my project at IISc which eventually lead to my PhD in Medical University of Graz"

#### Dr. Pooja Jha

Post-Doctoral Fellow, EPFL, Switzerland (MSc MBHG 2006-2008)

"The course work was intense which became more structured with time, covered a broad range of topics and was dealt in great detail. Unlike other places in India, MLSC (sic) gave me a chance to indulge first hand in research work using some state of the art facilities, which I think was of great help to me when I started my PhD here in US."

> Dr. Vignesh Vishwanathan (MSc MBT 2005-2007)



## **Courses offered**

#### Bachelor of Science B.Sc. (Biotechnology)

Duration: 3 years

#### Eligibility

Citizenship: Indian nationals.

Qualification: Pass in 10+2, A Level, IB, American 12<sup>th</sup> grade or equivalent with Physics, Chemistry and English with Biology or Biotechnology or Mathematics or any other Life Sciences subject as optionals and a minimum of 55% marks taken together in Physics, Chemistry and any one of the optional subjects.

#### Admissions

General Category: Admissions are done on the basis of marks obtained in Physics, Chemistry and Biology or Biotechnology or Mathematics or any other Life Sciences subject as an optional in the qualifying examination.

Foreign/NRI Category: Candidates desirous of applying under this category can write to foradmission@manipal.edu or call + 91 820 2571000/2922400. For online application and details visit : www.manipal.edu/intlug

Note: Candidates can apply both under General and Foreign/NRI categories. Change of category from Foreign/NRI to General after admission will not be entertained under any circumstances. The application material given along with this prospectus can only be used to apply for General Category.

#### Merit list, Counseling, Hostels

For details, visit website www.manipal.edu

Course Fees, Hostel Fees, Refund Rules: Refer Section 2

Last date for receipt of application: 30.05.2016

Commencement of Classes: 15.07.2016

#### B.Sc. (Forensic Science)\*

Duration: 3 years

#### Eligibility

Citizenship: Indian nationals.

Qualification: Pass in 10+2, A Level, IB, American 12th grade or equivalent with Physics, Chemistry and English with Biology or Biotechnology or Mathematics or any other Life Sciences subject as optionals and a minimum of 55% marks taken together in Physics, Chemistry and any one of the optional subjects.

#### Admissions

General Category: Admissions are done on the basis of marks obtained in Physics, Chemistry and Biology or Biotechnology or Mathematics or any other Life Sciences subject as an optional in the qualifying examination.

Foreign/NRI Category: Candidates desirous of applying under this category can write to foradmission@manipal.edu or call + 91 820 2571000/2922400. For online application and details visit : www.manipal.edu/intlug

Note: Candidates can apply both under General and Foreign/NRI categories. Change of category from Foreign/NRI to General after admission will not be entertained under any circumstances. The application material given along with this prospectus can only be used to apply for General Category.

#### Merit list, Counseling, Hostels

For details, visit website www.manipal.edu

Last date for receipt of application: 30.05.2016

Commencement of Classes: 15.07.2016

#### B.Sc. (Food & Nutrition)\*

Duration: 3 years

#### Eligibility

Citizenship: Indian nationals.

Qualification: Pass in 10+2, A Level, IB, American 12th grade or equivalent with Physics, Chemistry and English with Biology or Biotechnology or Mathematics or any other Life Sciences subject as optionals and a minimum of 55% marks taken together in Physics, Chemistry and any one of the optional subjects.

#### Admissions

General Category: Admissions are done on the basis of marks obtained in Physics, Chemistry and Biology or Biotechnology or Mathematics or any other Life Sciences subject as an optional in the qualifying examination.

Foreign/NRI Category: Candidates desirous of applying under this category can write to foradmission@manipal.edu or call + 91 820 2571000/2922400. For online application and details visit : www.manipal.edu/intlug

Note: Candidates can apply both under General and Foreign/NRI categories. Change of category from Foreign/NRI to General after admission will not be entertained under any circumstances. The application material given along with this prospectus can only be used to apply for General Category.

#### Merit list, Counseling, Hostels

For details, visit website www.manipal.edu

Last date for receipt of application: 30.05.2016

Commencement of Classes: 15.07.2016

#### Master of Science M.Sc. (Medical Biotechnology)

Duration: 2 years

#### Eligibility

**Citizenship:** Indian nationals can apply under the General Category. Foreign nationals or Non Resident Indians or Indian nationals supported by NRI relatives can apply under the Foreign/NRI Category.

Qualification: Candidates must have passed Bachelors degree in any Life Sciences subject from a recognised university with a minimum of 50% marks in aggregate.

#### Admissions

General Category: Admissions are done on the basis of rank in the All India Manipal University Online Entrance Test (MU-OET) 2016.

Foreign/NRI Category: Admissions are done on the basis of marks obtained in the qualifying examination.

Note: Candidates can apply either under General Category or Foreign/NRI Category. Those submitting applications under both General and Foreign/NRI categories will be considered only under the General Category. Change of category at a later stage will not be entertained under any circumstances.

Entrance Test, Counseling, Hostels For details, visit website www.manipal.edu

Course Fees, Hostel Fees, Refund Rules: Refer Section 2

Last date for receipt of application: 01.06.2016

Commencement of Classes: 16.08.2016

#### Master of Science M.Sc. (Molecular Biology & Human Genetics)

Duration: 2 years

#### Eligibility

Citizenship: Indian nationals can apply under the General Category. Foreign nationals or Non Resident Indians or Indian nationals supported by NRI relatives can apply under the Foreign/NRI Category.

Qualification: The candidate must have passed BSc with at least one subject of Biological Sciences/ BAMS/ MBBS/BHMS/BPT/BPharm or any other professional graduate programme from a recognised university with a minimum of 50% marks in aggregate.

#### Admissions

General Category: Admissions are done on the basis of rank in the All India Manipal University Online Entrance Test (MU-OET) 2016.

Foreign/NRI Category: Admissions are done on the basis of marks obtained in the qualifying examination.

Note: Candidates can apply either under General Category or Foreign/NRI Category. Those submitting applications under both General and Foreign/NRI categories will be considered only under the General Category. Change of category at a later stage will not be entertained under any circumstances.

Entrance Test, Counseling, Hostels For details, visit website www.manipal.edu

Course Fees, Hostel Fees, Refund Rules: Refer Section 2

Last date for receipt of application: 01.06.2016

Commencement of Classes: 16.08.2016

#### **M.Sc. Bioinformatics**

Duration: 2 years

#### Eligibility

**Citizenship:** Indian nationals can apply under the General Category. Foreign nationals or Non Resident Indians or Indian nationals supported by NRI relatives can apply under the Foreign/NRI Category.

Qualification: The candidates must have completed graduation in Basic Sciences/ Life Sciences/ Pharmaceutical Science/Medicine/Computer Science/Biomedical Engineering/Electronics/ Biotechnology or other related Engineering Sciences with a minimum of 50% marks in aggregate.

#### **Admissions**

General/Foreign/NRI Category: Admissions are done on the basis of marks obtained in the qualifying examination. There is no entrance test.

Note: Candidates can apply either under General Category or Foreign/NRI Category. Those submitting applications under both General and Foreign/NRI categories will be considered only under the General Category. Change of category at a later stage will not be entertained under any circumstances.

#### Merit List, Counseling, Hostels

For details, visit website www.manipal.edu

Course Fees, Hostel Fees, Refund Rules: Refer Section 2

Last date for receipt of application: 01.06.2016

Commencement of Classes: 16.08.2016

## Post Graduate Diploma in Cellular and Molecular Diagnostics

Duration: 1 year

#### Eligibility

Citizenship: Indian nationals.

Qualification: The candidates must have completed Bachelors or Masters degree in Biotechnology/Biosciences/ Agriculture/Veterinary Science/ BPharm/ MPharm/ MBBS/ BE/BTech in Biomedical/Biotechnology/ Chemical with a minimum of 50% marks in aggregate.

#### Admissions

Admissions are done on the basis of entrance test conducted by Govt. of Karnataka.

#### **Entrance Test**

For details, visit website www.manipal.edu

For more details, contact The Director, School of Life Sciences, Manipal Tel: +91 820 2922058 Email: mlsc@manipal.edu dbt@manipal.edu

# Department of Library & Information Science

The Department of Library and Information Science was established on 1st August 2011. The department is situated at the Health Sciences Library of the University. Apart from the classroom learning, students are also given practical exposure. Manipal University 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 Manipal University Libraries
- All faculty members are 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 3 years	
Journal Publications	15
Conference Presentations	37
Conference/Workshops/Information Literacy Programs Conducted	26

## Courses offered

#### Master of Library and Information Sciences M.Lib.I.Sc. - 2 years

Duration: 2 years (4 semesters)

#### Eligibility

**Citizenship:** Indian nationals can apply under the General Category. Foreign nationals or Non Resident Indians or Indian nationals supported by NRI relatives can apply under the Foreign/NRI Category.

**Qualification:** The candidate must have passed any Bachelor's degree in BA, BCom, BSc, BCA, BBM, etc.

#### Admissions

General Category/Foreign/NRI Category: Admissions are done on the basis of marks obtained in the qualifying examination and there is no entrance test.

Note: Candidates can apply either under General Category or Foreign/NRI Category. Those submitting applications under both General and Foreign/NRI categories will be considered only under the General Category. Change of category at a later stage will not be entertained under any circumstances.

#### Merit list, Counseling, Hostels

For details, visit website www.manipal.edu

#### Course Fees, Hostel Fees, Refund Rules: Refer Section 2

Last date for receipt of application: 25.06.2016

Commencement of Classes: 06.08.2016

#### Master of Library and Information Sciences M.Lib.I.Sc. - (Lateral Entry - 1 Year)

**Duration:** One year (2 semesters). Candidates are admitted directly to the second year of M.Lib.I.Sc.

#### Eligibility

Citizenship: Indian nationals can apply under the General Category. Foreign nationals or Non Resident Indians or Indian nationals supported by NRI relatives can apply under the Foreign/NRI Category.

Qualification: The candidate who have a Bachelor's degree in Library and Information Science (B. Lib. I. Sc.; one year).

#### Admissions

General/Foreign/NRI Category: Admissions are done on the basis of marks obtained in the qualifying examination and there is no entrance test.

Note: Candidates can apply either under General Category or Foreign/NRI Category. Those submitting applications under both General and Foreign/NRI categories will be considered only under the General Category. Change of category at a later stage will not be entertained under any circumstances.

#### Merit list, Counseling, Hostels

For details, visit website www.manipal.edu

Course Fees, Hostel Fees, Refund Rules: Refer Section 2

Last date for receipt of application: 15.07.2016

Commencement of Classes: 06.08.2016

#### Certificate Course in Library and Information Science C.L.I.Sc.

**Duration:** Six months. Regular classes will be conducted on every Saturday.

#### Eligibility

Citizenship: Indian nationals.

Qualification: Pass in 10+2, A Level, IB, American 12th grade or equivalent with any Science/Arts/Commerce group.

#### Admissions

General Category: Admissions are done on the basis of marks obtained in the qualifying examination and there is no entrance test.

Merit list, Counseling, Hostels

For details, visit website www.manipal.edu

Course Fees, Hostel Fees, Refund Rules: Refer Section 2

Last date for receipt of application: 23.12.2015

Commencement of Classes: 02.01.2016



# Department of Statistics

The Department of Statistics was established in 2006 as an education and research Department with a focus on Biostatistics. Biostatistics deals with the application of statistical techniques to scientific research in health-related fields, including medicine, dentistry, genetics, nursing and public health and the development of new tools to study these areas.

The Department is focused on developing new quantitative methods and making innovative applications to substantiate and demanding scientific problems in the advancement of biomedical, pharmaceutical and public health research

- The department is equipped with state of art computational facility and in possession of packages namely SAS, STATA, SYSTAT, SPSS, R, nMaster, Mathlab, Epi Info, Review Manager and EndNote.
- The department has a statistical consultancy center to provide consultations for all levels of biomedical researchers.
- The department conducts regular training on statistical softwares like SAS, SPSS, STATA and R for industry ready training
- The department coordinates activities of Public Health Evidence South Asia (PHESA) which is a satellite center for Cochrane public health group.
- The department conducts Executive Education Program in Biostatistics at Novartis Health Care Pvt. Ltd., Hyderabad.
- The department heads the industry-university joint Ph.D. programme.

#### Academic Leadership

The department regularly conducts conferences, workshops and seminars on various advanced statistical methods. Some of the recent events include:

- International Biometric Society Indian Region (IBS IR) & Public Health Evidence South Asia (PHESA) Joint conference from 11th& 12th January, 2016.
- Winter school on Qualitative Research for South Asia from 7th to 12th December,2015.

- Colloquium on Public Health Evidence South Asia from 5-7 February 2015.
- International Conference on Linear Algebra & its Applications from 18-20 December 2014.
- National Workshop on PHESA Systematic Review and Meta-Analysis from 22-23 November 2014.
- National Workshop on Data Manipulation and Statistical Analysis using SAS 1-3 August 2014.
- National Workshop on Statistical Methods in Epidemiology from 26-30 May, 2014.
- National workshop of Survey research and Statistical Analysis from 12 – 14 August, 2013.

#### **Research Excellence**

The department has received research grants worth more than 1.5 Crore and have collaboration with various national and international institutions like 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 and Population Sciences International, New Delhi and University of Groningen.

#### Industry Collaboration

The department trains the associates of Novartis Health Care Pvt. Ltd., Hyderabad. Four batches of associates from Novartis have been trained since 2011.

The department started Ph.D. programme in collaboration with Pharmaceutical industries Novartis Health Care Pvt. Ltd., Hyderabad and Glaxo Smith Kline (GSK) Pharmaceuticals Ltd, Bangalore.

GSK awards medal with cash prize for the top two M.Sc. Biostatistics students since 2014.

#### Research Excellence in Numbers

For the last 5 years (Jan 2011 - Aug 2015)		
Journal & Publications	133	
Books Published	2	
Conference Presentations	30	
Workshops/Seminars	54	
Ongoing Research Projects	8	
Student Projects	98	
Ph.D. Completed	12	

#### Placements

Placement assistance is provided for successful students in clinical research institutes, Biomedical institutions & research centers, Pharma industries, NGOs, various ICMR institutes and other national & international research organizations. Our alumni are placed as Biostatistician in pharmaceutical industries like EcronAcunova, Bangalore; MakroCare, Hyderabad; Novartis Health Care Pvt. Ltd., Hyderabad; Quintiles Technologies (India) Pvt. Ltd., Bangalore; GlaxoSmithKline Pharmaceuticals Ltd., Bangalore; GVK Biosciences, Gurgaon; Quanticate, Bangalore; and in academic/ research institutions namely Centre for Chronic Disease Control (CCDC), New Delhi; and Madras Diabetes Research Foundation, Chennai.

#### Quotes from alumni or students

"The Statistics department of Manipal University is one of the warmest and professional departments that I have been a part of. I am grateful to have been given an opportunity to pursue my Masters here as it has not only improved my knowledge of the subject but also encouraged me to explore the various dimensions of the subject. The department harbors very enthusiastic and supportive faculty who have made my Manipal experience one of a kind".

#### Nisha Joseph

(Batch 2013-2015) Crowd Analytix, Bangalore

"Coming from an engineering background and working experience in genetics, taking a Master's course in Biostatistics was not so easy transition to make. But with industry validated curriculum, amazing teachers, engaging classes and having access to one of the finest libraries in India gave me the confidence to efficiently crunch numbers and make sense of the biological data. Thank you Manipal!"

> Shabbeer Hassan (Batch 2013-2015)

Doctoral Student, IPTI

### **Courses offered**

#### Master of Science M.Sc. (Biostatistics)

**Duration:** 2 years (4 semesters) (Three semesters regular classes and one semester for Project/Internship).

#### Eligibility

Citizenship: Indian nationals can apply under the General Category. Foreign nationals or Non Resident Indians or Indian nationals supported by NRI relatives can apply under the Foreign/NRI Category.

Qualification: Candidates must have passed BSc Statistics/BSc Mathematics or BE/BTech or BCA/BSc Computer Science or any other graduation with minimum 2 years learning of Mathematics and Statistics with a minimum of 50% marks in aggregate.

#### Admissions

General Category: Admissions are done on the basis of marks obtained in the qualifying examination and there is no entrance test.

Foreign/NRI Category: Admissions are done on the basis of marks obtained in the qualifying examination.

Note: Candidates can apply either under General Category or Foreign/NRI Category. Those submitting applications under both General and Foreign/NRI categories will be considered only under the General Category. Change of category at a later stage will not be entertained under any circumstances.

#### Merit list, Counseling, Hostels

For details, visit website www.manipal.edu

Course Fees, Hostel Fees, Refund Rules: Refer Section 2

Last date for receipt of application: 16.06.2016

Commencement of Classes: 25.07.2016

#### Certificate Course in Biostatistics, Epidemiology and Research Methodology

#### Duration: 6 months.

Method of course delivery: Five contact programs of two days duration Saturday and Sunday in a month.

#### Eligibility

**Citizenship:** Indian nationals can apply under the General Category. Foreign nationals or Non Resident Indians or Indian nationals supported by NRI relatives can apply under the Foreign/NRI Category.

Qualification: Candidates must have passed graduation in health science professional courses (MBBS, BPT, BASLP, BPharm, BSc Nursing etc) or post graduation in health science related non professional courses (MSc Anatomy, Physiology, Biochemistry etc.) or students doing their internship after completion of undergraduate course work.

#### Admissions

General/Foreign/NRI Category: Applications are invited throughout the year. Admission is based on first come first serve basis, considering their marks obtained in the qualifying examination and there is no entrance test.

Note: Candidates can apply either under General Category or Foreign/NRI Category. Those submitting applications under both General and Foreign/NRI categories will be considered only under the General Category. Change of category at a later stage will not be entertained under any circumstances.

#### Merit list, Counseling, Hostels

For details, visit website www.manipal.edu

Course Fees, Hostel Fees, Refund Rules: Refer Section 2

Last date for receipt of application

Batch 1 - 01.01.2016 Batch 2 - 01.07.2016

#### **Commencement of Classes**

Batch 1 - February 2016 Batch 2 - August 2016



## Department of Public Health

The Department of Public Health offers MPH, MSW and MHA programs. The department's vision is to build a highly competent group of professionals having a strong knowledge base and expertise in understanding, assessing, analysing and evaluating broad range of public health and psychosocial issues prevalent in the community and the society.

The department is fully equipped with well-qualified and experienced faculty members. The department has established cooperation with a number of Universities abroad and also built a strong linkage between public, private and governmental institutions.

#### Advantages:

- Department of Public Health was set up with the singular objective of training public health Professionals for the country and 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 Department has excellent working relations with WHO, UNICEF industries and other international organizations and over the next few years the Department will transform into a full-fledged Institute of Public Health, providing several specializations and consultancies to entire South and South East Asian region.
- MU 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 would be to build capacity in Public Health both at National and International levels.

#### Collaborations & Partnerships

University of Alabama, Birmingham, Maastricht University, Netherlands, Asian Health Literacy Association, Geneva Office, UNICEF, McMaster University, Canada, The Ohio State University, Ohio, USA, University of Maryland, USA, National Institute of Occupational Health, Ahmedabad.

#### Student Exchange Programs

Department of Public Health, Manipal University in collaboration with Maastricht University, The Netherlands, has designed a programme, where MPH 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

- Competency driven curriculum
- Participatory teaching learning experience
- Experienced faculty members
- Multi-disciplinary campus
- Students Exchange Programme
- Remarkable job placement

#### Research Excellence in Numbers

For the last 5 years	
Research Papers	33
Workshops / Symposiums / Conferences / Resource Sessions Conducted	30
Ongoing Funded Research Projects	04
Research Projects Completed	14
Future Research Projects	04
Chapters in books published by faculty	02
Student research published (8 International + 9 National)	17
Citations	60

#### Quotes from alumni or students

The Department of Public Health, Manipal University provides all the necessary knowledge and skills to aspiring students who desire to learn public health with a globally relevant perspective and become adept researchers at the same time. The international collaborations of the department allows the students to learn global health from those richly experienced in the field while at the same time provides a wonderful opportunity to study abroad. I completed my Masters in Public Health from the department in 2015, following which i was appointed as a Research Assistant in Kasturba Medical College, Manipal. My experience of studying abroad helped me determine better the skills that a motivated public health professional needs to acquire in order to build a rich career in this field of unbound opportunities.

#### Chandrayee Dasgupta

Manipal University provides a good opportunity to learn about public health through the course name as Masters of Public Health. University always promotes for field exposure to all students, through that students get to know the real public health problems. Along with that, University has many international collaboration so the students also get knowledge about worldwide public health problem. Course offers you to learn about real public health research as well as to meet public health experts so the students can explore their own knowledge. I studied MPH (Epidemiology) from the University and currently working as a research assistant at KMC Manipal, Manipal University.

#### Dr. Mahendra J. Kolhe

BMHS, PGDEMS, MPH (Epidemiology) Research Assistant, KMC Manipal, Manipal University.

"the course also provides a platform for class presentation of students (Individual & Group), Class Discussion, Journal Club, Video Screening related to subjects followed by discussion breaks the monotonous teaching thereby motivates me not only to listen and learn but also explores the creativity within me"

Shabana MSW (2011-2013 Batch) "Studying in one of the word class University was the best feeling. Meeting people around the globe improved the territory of thoughts and ideas. Manipal provides updated and current syllabus for the MSW course while many other Universities are far behind in updating their old syllabus"

> Abinash MSW (2010-2012 Batch)

"The 2 year MSW program was a life changing experience"

Carismah MSW (2011-2013 Batch)

"Beautiful campus, experienced faculty, awesome library and friendly people in Manipal made our everyday learning an enjoyable experience"

> Maruti MSW (2010-2012 Batch)

"MSW at Manipal helps an individual to achieve overall development and that is the beauty of this course"

Nylek Nair MSW (2011-2013 batch)



### Courses offered

#### Master of Public Health MPH

- MPH (Epidemiology)
- MPH (Maternal & Child Health)
- MPH (Environment and Occupational Health)

#### **Placements**

Graduates are working in various Governmental and Non-Governmental organisations like UNICEF, WHO, PHFI, PATH, JHPIEGO, Médecins Sans Frontières, District Epidemiologists, Government of India, National institutes like: NIMHANS and National Tuberculosis Institute, Bangalore, Cochrane collaborations, Karnataka Health Promotion Trust (KHPT), National Aids Control Organization (NACO) and in various academic institutions as research associates.

Duration: 2 years (4 semesters)

#### Eligibility

**Citizenship:** Indian nationals can apply under the General Category. Foreign nationals or Non Resident Indians or Indian nationals supported by NRI relatives can apply under the Foreign/NRI Category.

Qualification: The candidate should have a Bachelor's degree in any Health Science discipline from a recognized university with a minimum of 60% marks in aggregate.

#### Admissions

General Category: Admissions are done on the basis of marks obtained in the qualifying examination and interview. There is no entrance test.

Foreign/NRI Category: Admissions are done on the basis of marks obtained in the qualifying examination.

Note: Candidates can apply either under General Category or Foreign/NRI Category. Those submitting applications under both General and Foreign/NRI categories will be considered only under the General Category. Change of category at a later stage will not be entertained under any circumstances.

#### Merit list, Counseling, Hostels

For details, visit website www.manipal.edu

Course Fees, Hostel Fees, Refund Rules: Refer Section 2

Last date for receipt of application: 30.06.2016

Commencement of Classes: 15.07.2016

#### Master of Social Work MSW

- Medical and Psychiatric Social Work
- Human Resource Management and Industrial Relations
- Community Development

#### Placements

Over 90% of our students have taken up jobs in various Governmental and Non-Governmental Organizations and Companies. Selected organizations include National Rural Health Mission (Assam), Oracle (Bangalore), Wipro Technologies (Bangalore), ITC (Bangalore, Karnataka), Richmond Fellowship Society (Bangalore), Shahi Exports (Bangalore), Emmanuel Hospital Association (Jharkhand), Kasturba Medical College (Manipal, Karnataka), Pragya (Lucknow), Arvind Motors (Bangalore, Karnataka), Ministry of Tribal Development (Andaman & Nicobar Islands), Muthoot Finance (Rajasthan).

Duration: 2 years (4 semesters)

#### Eligibility

Citizenship: Indian nationals can apply under the General Category. Foreign nationals or Non Resident Indians or Indian nationals supported by NRI relatives can apply under the Foreign/NRI Category.

Qualification: The candidate should have a Bachelor's degree in any discipline from a recognized university with a minimum of 50% marks in aggregate.

#### Admissions

General Category: Admissions are done on the basis of marks obtained in the qualifying examination and Interview. There is no entrance test.

Foreign/NRI Category: Admissions are done on the basis of marks obtained in the qualifying examination.

Note: Candidates can apply either under General Category or Foreign/NRI Category. Those submitting applications under both General and Foreign/NRI categories will be considered only under the General Category. Change of category at a later stage will not be entertained under any circumstances.

#### Merit list, Counseling, Hostels

For details, visit website www.manipal.edu

Course Fees, Hostel Fees, Refund Rules: Refer Section 2

Last date for receipt of application: 31.05.2016

Commencement of Classes: 13.07.2016

### Masters of Hospital Administration MHA

#### Placements:

With 30 trainees passing out from Third batch of MHA graduates, the job placements have exceeded in all counts. Most of our students have taken up jobs in various hospitals in private sector ranging from Fortis Hospitals group, Global Hospitals group, Kasturba Hospital (Manipal, Karnataka), and various other corporate hospitals. Remaining others had excellent placement opportunities in Insurance sector (MediassistPvt Ltd., ICICI Lombard, Reliance Insurance), in ITES sector (Dell, Health Assist). All of the students have been prepared with mock interviews before entering the job market.

Duration: 2 years.

#### Eligibility

**Citizenship:** Indian nationals can apply under the General Category. Foreign nationals or Non Resident Indians or Indian nationals supported by NRI relatives can apply under the Foreign/NRI Category.

Qualification: The candidate must have a bachelor's degree in MBBS/BDS/BAMS/BHMS/BNYS/BPT/BSc Nursing (Basic or Post Basic)/BPharm/BSc in Allied Health Sciences/ Bachelor's degree in Arts/Commerce/Science/Law from a recognised university with a minimum of 50% marks in aggregate.

#### Admissions

General Category: Admissions are done on the basis of marks obtained in the qualifying examination and interview. There is no entrance test.

Foreign/NRI Category: Admissions are done on the basis of marks obtained in the qualifying examination.

Note: Candidates can apply either under General Category or Foreign/NRI Category. Those submitting applications under both General and Foreign/NRI categories will be considered only under the General Category. Change of category at a later stage will not be entertained under any circumstances.

#### Merit list, Counseling, Hostels

For details, visit website www.manipal.edu

Course Fees, Hostel Fees, Refund Rules: Refer Section 2

Last date for receipt of application: 31.05.2016

Commencement of Classes: 15.07.2016



## Department of Virus Research

Viruses are responsible for a significant fraction of infectious diseases of public health concern globally. Almost all emerging infectious diseases in the past decade are of viral origin. Department of Health Research (DHR)/Indian Council of Medical Research (ICMR), Ministry of Health and Family Welfare, Govt. of India has rightly identified virology as a priority area in the public health sector and initiated the process of establishing a network of virology laboratories across the country under the twelfth five year plan. Department of Virus Research (DVR), Manipal University is the first operational Grade -I DHR/ICMR Virus Diagnostic Laboratory (VDL) in the country. DVR supports the state health services in the region with virus diagnostic services and viral disease surveillance / outbreak investigation activities.

DVR has also been conferred Apex Referral Laboratory (ARL) status by National Vector Borne Disease Control Programme (NVBDCP), MoHFW, Govt. of India

Master of Science in Clinical Virology program is a focused, unique competency based flexible postgraduate course intended to create a new cadre of virologists, who are not only comfortable within the four walls of the laboratory but also equally efficient in public health and industry settings as well as in policy and decision making groups at National and International levels.

#### Advantage

Department of Virus Research 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 WHO. Being actively involved in diagnostic virology and research, DVR has state of the art laboratory facilities. DVR provides support to University hospitals and the health departments of Karnataka and neibouring states with viral disease diagnosis, surveillance and outbreak investigation. The uniqueness of the MSc Clinical Virology includes:

- Competency based curriculum
- Credit based system at par with international universities
- Extensive practical and field excercises
- State of the art virological techniques
- Epidemiologic and Public Health orientation
- Strong research based approach
- Clinical and laboratory rotation
- Institutional and industrial rotation

#### **Research Excellence**

Department of Virus Research is the regional reference laboratory for Influenza viruses and an Indian Council of Medical Research (ICMR) Grade I Virus Diagnostic Laboratory (VDL) supported by Department of Health Research (DHR) and Ministry of Health and Family Welfare (MoHFW), Government of India (GOI). The department is also an Apex Referral Laboratory for Dengue, Japanese Encephalitis and Chikungunya under National Vector Borne Disease Control Programme (NVBDCP). The DVR is an excellent example of Public-Private-Partnership (PPP) in public health virology. It also supports the university hospital, local health departments as well as health departments from the neighboring states for virus diagnostic services. At DVR familiar problems (such as Influenza-like Illness) and many that are less commonly seen (such as foodborne, waterborne and seasonal diseases) are targetted.

#### **Recognitions or Accreditations**

- Regional Reference Laboratory for Influenza viruses under IDSP, MoHFW, Govt of India
- Grade-I Virus Diagnostic Laboratory under ICMR, DHR, MoHFW, Govt of India
- Apex Referral Laboratory for Dengue, Japanese Encephalitis and Chikungunya under National Vector Borne Disease Control Programme (NVBDCP)

#### **Research Collaborations**

- Cooperative agreement with CDC, Atlanta
- UKIERI- TRIP mobility grant
- Public Health England, UK
- University of Alabama at Birmingham, USA
- University Lille2, France- PhD mobility grant
- American Society for Microbiology- Bio Resource Centre
- WHO India office
- WHO Influenza Collaborating Centre, Australia

#### Student Exchange Programs

- Public Health England, UK
- University of Alabama at Birmingham, USA
- University Lille2, France- PhD mobility grant

#### **Placements**

Till now 17 students have successfully completed the course and have been recruited in different organizations of national and international repute. 9 alumni have been placed in different funded projects in DVR itself.

#### Highlights of the course

- Do and Learn approach-Extensive practical and field exercises
- State-of-the-art Virology Laboratory
- Strong research component
- Epidemiologic and Public health orientation
- Competency based curriculum
- Cross-disciplinary training
- Clinical and laboratory rotation Institutional and industry rotations
- National and International collaborations

DVR also conducts various training programmes in the field of practice oriented virology. Such Short term courses are:

- Basic course in PCR techniques
- Advanced course in PCR techniques
- Basic course in Virological techniques
- Advanced course in diagnostic virology

#### Quotes from alumni or students

"I'm proud to be a graduate from DVR. The clinical exposure, good lab orientation, research opportunities, and field study makes every graduate to become a good virologist and researcher working for public health service."

Aswathy Raj S 2010-12 "DVR develops the overall personality of a student, building confidence in them through individual care and empowerment."

Suresh G Prabhu 2011-13

### **Courses offered**

#### Master of Science M.Sc. (Clinical Virology)

Duration: 2 years (4 semesters)

#### Eligibility

**Citizenship:** Indian nationals can apply under the General Category. Foreign nationals or Non Resident Indians or Indian nationals supported by NRI relatives can apply under the Foreign/NRI Category.

Qualification: The candidates must have Bachelors degree in Life Sciences or BVSc or BSc Medical Laboratory Technology or MBBS or BSc Biotechnology or BSc Microbiology/ Biochemistry/Zoology or any other related subjects preferably above 60% marks in aggregate or CGPA 6.5 at UG level.

#### Admissions

General Category: Admissions are done on the basis of rank obtained in the All India Manipal University Online Entrance Test (MU-OET) 2016 and Personal Interview.

Foreign/NRI Category: Admissions are done on the basis of marks obtained in bachelors degree examination and Personal Interview.

Note: Candidates can apply either under General Category or Foreign/NRI Category. Those submitting applications under both General and Foreign/NRI categories will be considered only under the General Category. Change of category at a later stage will not be entertained under any circumstances.

#### Merit list, Counseling, Hostels

For details, visit website www.manipal.edu

Course Fees, Hostel Fees, Refund Rules: Refer Section 2

Last date for receipt of application: 01.06.2016

Commencement of Classes: 03.09.2016

# 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.

www.manipal.edu/mit





### #5

Ranked 5th among the Private Engineering Colleges in India Source: Outlook 2015

### #8

Ranked 8th among the Private Engineering Colleges in India Source: The Week 2015

### #16

Ranked 16th among all Engineering Colleges in India Source: India Today 2015

### #21

Ranked 21st among all Engineering Colleges in India Source: Outlook 2015

Ranked 36th among all Engineering Colleges in India Source: The Week 2015 Established in 1957, MIT, Manipal is one of the oldest engineering colleges in India. MIT focuses on all round development while exploring the latest advancements in science and technology. With state-of-the-art facilities, experienced faculty members and a homely hostel, MIT provides an ideal learning environment for students. The institute is ISO 9001:2008 and ISO 14001:2004 certified.

#### Advantage MIT

Spread in a green expanse of 175.5 acres, MIT campus is equipped with the best technology labs and teaching infrastructure. At MIT, the course curriculum is designed around experiential learning methodology to create industry ready technology professionals. The MIT Innovation Centre is one of its kind, promoting research and industry driven projects.

#### Recognitions

- All India Council for Technical Education (AICTE)
- Approved QIP center for MTech / PhD programs

#### International Research Collaborations

- Lancaster University, Lancaster, UK
- Hochschule Bremen, Germany
- Technical University of Eindhoven, The Netherlands
- Illinois Institute of Technology, USA
- Russ College of Engineering, Ohio University, USA
- University of Missouri-Kansas City, USA
- Deakin University, Australia
- City University, London, UK
- Queensland University of Technology, Australia
- ESIGELEC School of Engineering, France
- Kumamoto University, Japan
- Royal Institute of Technology (KTH), Sweden
- Chemnitz University of Technology, Germany

#### Industry/Govt. Partnerships

- TCS "SANGAM" Collaborative Program
- Infosys for "Campus Connect" Program
- EMC<sup>2</sup> for Storage Area Network
- Intel Technology India Pvt. Ltd., Bangalore
- IBM for University Program
- CISCO for Network Academy Program
- Microsoft for University Relations Program, Academic Developer Program.
- GE Global research JFWTC, Bangalore
- Schneider Electric in the area of Energy Management
- Bosch Rexroth, Bangalore
- TE Connectivity, Bangalore

#### Student Exchange Programmes

Every year a number of students participate in student exchange programmes in various foreign universities. These exchange programmes which vary from 1 month to 6 months, are either industrial or academic in nature.

IAESTE, an International NGO has a chapter at MIT which provides opportunities for the student community to carry out its internships (short-term as well as long-term) across the world.

- Saint-Etienne Du-Rouvray, ESIGELEC, France
- Hochschule Bremen University for Applied Science, Germany
- International Association for Exchange of Students for Technical Experience (IAESTE)
- Queensland University of Technology, Australia
- Over 300 students enrolled for this program have successfully completed traineeships abroad in firms like Alstom, ABB, Schlumberger, Robert Bosh, Airbus to name a few. Universities like Purdue University, Carnegie Mellon University, Imperial College, London and several others have accepted IAESTE students for summer internships

#### Research

MIT is gearing towards becoming one of the premier academic, research and innovation centres in India. A total of 20 patents have been filed since 2009 and 177 research scholars are working on various projects.

MIT is working on multiple research projects for various organizations like Dept. of Science and Technology (New Delhi), Ministry of Environment and Forests (New Delhi), Dept. of Atomic Energy, AICTE (New Delhi), Vision Group on Science and Technology (VGST) Karnataka, Dept. of Biotechnology (New Delhi), Defence Research and Development Organisation, New Delhi, Manipal University etc. with more than 3 crores INR worth of research grants.

#### **Research Output**

No. PhDs Awarded (after 2005)	98
No. of Research Scholars (ongoing)	177
Sponsored Research (ongoing)	12
Research Grant (till date)	121 million INR
Number of Patents Filed (after 2009)	20
Total No. of Publications (Last 5 years)	
Total Journals     National     International	<b>921</b> 116 805
Total Conferences     National     International	<b>1363</b> 923 440

#### Quotes from alumni or students

I love MIT for the growth in me I have witnessed. It shaped me to be even more efficient and dynamic than I had wished for. I owe plenty to this institute for the energy, courage and the confidence it has instilled in me through its plethora of opportunities. Serving as the president of MIT was my best time here, and I will always be thankful to the faith and support I have received from the administration. It made me realize how important liking one's work is for being successful as it. Manipal is an exciting place for its people, its diversity and its freedom top able to follow one's choices. MIT was my sanctuary.

> Virag Jasani BTech Chemical 2011-15

### UG & PG Placements & Internship Recruiters

#### **Core Engineering**

Aurobindo Pharma, Avery Dennison, BPL Medical, FIAT India, Freescale Semiconductors, GE, General Motors, Glaxo Smithkline, Honda 2 Wheelers, Honeywell Tech, Ingersoll Rand, JSW Steel, L&T Construction, M&M, Maruti Suzuki, Michelin Tyres, Philips, Quest Global, Reliance, Schneider Electric, SesaSterlite, Tata Consulting Engineers, Tata Hitachi, Tata Power, Tata Technologies, TE Connectivity, Titan, Textron, Total, Total Environment, Toyota Kirloskar, Ultratech Cement, WS Atkins etc

#### Core IT

Broadcom, Century Link, Cerner Healthcare, Cisco, Citrix, EMC Corp, Expicient Software, HP, InMobi, Juniper Networks, Mahindra Comviva, Microsoft, Myntra, Nucleus Software, Oracle, Qualcomm, SanDisk, SAP, Siemens Tech, Snap Deal, Synopsys, Unisys etc

#### Multi-Disciplinary Opportunities

Accenture, Amazon, Barclays, Deloitte, Directi, EXL Analytics, Fractal Analytics, Futures First, Goldman Sachs, IBM, Mu Sigma, Price Waterhouse Coopers, Sapient Nitro, SocieteGenerale, TCS, Tesco, Wipro, ZS Associates etc My time in MIT has enriched my life in many ways. It helped me to achieve opportunities which all college aspiring students dream of. MIT provided me with the best environment for transition from high school, to college, to the working world, with my sanity and health intact. I will always be thankful to MIT for providing me the best platform, for my growth and for moulding me into what I am today.

> Siddharth Jain BTech Automobile 2011-15

The years spent at Manipal have shaped me into the person I am today. The supportive faculty and administration, giving the freedom to unleash one's true potential, be it through academics or co-curriculars is what makes MIT stand out. This hallowed institution has left an indelible mark and instilled in me the confidence to face challenges and succeed.

> Aparna Sandhu BTech Electronics & Communication 2011-15



### Courses offered

#### Bachelor of Technology B.Tech

- 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 (Electrical & Electronics Engineering)
- B.Tech (Electronics & Communication Engineering)
- B.Tech (Industrial & Production Engineering)
- B.Tech (Information Technology)
- B.Tech (Instrumentation & Control Engineering)
- B.Tech (Mechanical Engineering)
- B.Tech (Mechatronics)
- B.Tech (Print and Media Technology)

Duration: 4 years (8 semesters)

#### Eligibility

Citizenship: Indian nationals.

Qualification: Pass in 10+2, A Level, IB, American 12th grade or equivalent with Physics, Mathematics and English as compulsory subjects along with Chemistry or Biotechnology or Biology or any technical vocational subjects as optional with a minimum of 50% marks taken together in Physics, Mathematics and any one of the optional subjects.

#### Admissions

General Category: Admissions are done on the basis of rank in the All India Manipal University Online Entrance Test (MU-OET) 2016.

Foreign/NRI Category: Candidates desirous of applying under this category can write to foradmission@manipal.edu or call + 91 820 2571000/2922400. For online application and details visit : www.manipal.edu/intlug

Note: Candidates can apply both under General and Foreign/NRI categories. Change of category from Foreign/NRI to General after admission will not be entertained under any circumstances. The application material given along with this prospectus can only be used to apply for General Category.

Entrance Test, Counseling, Hostels:

For details, visit website www.manipal.edu

Course Fees, Hostel Fees, Refund Rules: Refer Section 2

Laptop will be provided to the enrolled students.

Last date for receipt of application: 11.03.2016

Commencement of Classes: 01.08.2016



#### Bachelor of Technology B.Tech - Lateral Entry

Duration: 3 years (6 semesters)

Candidates are admitted directly to 2<sup>nd</sup> year

#### Eligibility

Citizenship: Indian nationals.

Qualification: 3 years Diploma in Engineering granted by the Board of Technical Examination of a State Government or passed BSc Degree from a recognized University with atleast 45% marks and passed XII standard with Mathematics as a subject.

#### Admissions

General Category: Admissions are done on the basis of rank in the All India Manipal University Online Entrance Test (MU-OET) 2016.

Foreign/NRI Category: Candidates desirous of applying under this category can write to foradmission@manipal.edu or call + 91 820 2571000/2922400. For online application and details visit : www.manipal.edu/intlug

Note: Candidates can apply both under General and Foreign/NRI categories. Change of category from Foreign/NRI to General after admission will not be entertained under any circumstances. The application material given along with this prospectus can only be used to apply for the General Category.

Entrance Test, Counseling, Hostels

For details, visit website www.manipal.edu

Course Fees, Hostel Fees, Refund Rules Refer Section 2

Laptop will be provided to the enrolled students.

Last date for receipt of application: 15.05.2016

Commencement of Classes: 13.07.2016

### Master of Computer Application MCA

Duration: 2 years (4 semesters)

#### Eligibility

Citizenship: Indian nationals can apply under the General Category. Foreign nationals or Non Resident Indians or Indian nationals supported by NRI relatives can apply under the Foreign/NRI Category.

Qualification: The candidate must have a bachelor's degree in Computer Applications, Computer Science or Information Technology. They should have secured not less than 50% marks in aggregate.

#### Admissions

General Category: Admissions are done on the basis of rank obtained in the All India Manipal University Online Entrance Test (MU-OET) 2016. Candidates with consistent academic performance will be given additional weightage while preparing rank list.

Foreign/NRI Category: Admissions are done on the basis of marks obtained in the qualifying examination.

Note: Candidates can apply either under General Category or Foreign/NRI Category. Those submitting applications under both General and Foreign/NRI categories will be considered only under the General Category. Change of category from Foreign/NRI to General after admission will not be entertained under any circumstances.

Entrance Test, Counseling, Hostels For details, visit website www.manipal.edu

#### Course Fees, Hostel Fees, Refund Rules Refer Section 2

Last date for receipt of application: 01.06.2016

Commencement of Classes: 03.08.2016

#### Master of Technology M.Tech

- M.Tech (Aero Space Engineering)
- M.Tech (Automobile Engineering)
- M.Tech (Bioinformatics)
- 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 (Control Systems)
- M.Tech (Digital Electronics & Advanced Communication)
- M.Tech (Energy Systems and Management)
- M.Tech (Engineering Management)
- M.Tech (Environmental Engineering)
- M.Tech (Industrial Automation and Robotics)
- M.Tech (Industrial Biotechnology)
- M.Tech (Industrial Pollution & Control)
- M.Tech (Manufacturing Engineering & Technology)
- M.Tech (Microelectronics)
- M.Tech (Power Electronics and Drives)
- M.Tech (Printing & Media Technology)
- M.Tech (Software Engineering)
- M.Tech (Structural Engineering)
- M.Tech (Thermal Sciences and Energy Systems)

Duration: 2 years (4 semesters)

#### Eligibility

Citizenship: Indian nationals can apply under the General Category. Foreign nationals or Non Resident Indians or Indian nationals supported by NRI relatives can apply under the Foreign/NRI Category.

Qualification: The candidates must have passed the following courses with a minimum of 50% marks in aggregate:

Aero Space Engineering: BE / BTech / AMIE or equivalent in Aeronautical Engineering / Electrical Sciences- Electrical / Electronics / Instrumentation / Mechatronics.

Automobile Engineering: BE / BTech / AMIE or equivalent in Automobile Engineering / Mechanical Engineering / Industrial & Production Engineering / Manufacturing Engineering / Mechatronics

Bioinformatics: BE / BTech (Biotechnology/ Biomedical / Environmental Engineering/ Chemical Engineering) / MSc. (Health Informatics/Physics/ Chemistry/ Biological Sciences / Biotechnology/ Bioinformatics / Information Sciences). A minimum of 50% seats are reserved for MSc candidates with 50% aggregate and above in the qualifying examination. For M Sc candidates admissions are done based on the marks obtained in their qualifying examination and an interview.

Biomedical Engineering: BE / BTech / AMIE or equivalent in Biomedical Engineering / Medical Electronics / Electrical Sciences-Electrical / Electronics / Instrumentation.

Chemical Engineering: BE / BTech / AMIE or equivalent in Chemical Engineering / Biochemical Engineering / Petroleum Engineering / Bioprocess Engineering / Biotechnology / Pharmaceutical Technology / Polymer Technology.

Computer Aided Analysis and Design: BE / BTech / AMIE or equivalent in Mechanical Engineering/ Industrial and Production Engineering / Mechatronics / Manufacturing Engineering / Automobile Engineering / Aeronautical Engineering.

Computer Networking and Engineering: BE / BTech / AMIE or equivalent in Computer Science / Electronics and Communication / Information Technology / Information Science and Engineering.

Computer Science & Engineering: BE / BTech / AMIE or equivalent in Computer Science / Electronics and Communication / Information Technology / Information Science and Engineering.

Computer Science & Information Security: BE / BTech / AMIE or equivalent in Computer Science / Electronics and Communication / Information Technology / Information Science and Engineering. Construction Engineering & Management: BE/BTech or AMIE or equivalent in Civil Engineering or Architecture.

Control Systems: BE/BTech or AMIE or equivalent in Electrical Sciences or Electronics or Instrumentation or Mechatronics.

Digital Electronics and Advanced Communications: BE / BTech / AMIE or equivalent in Electronics and Communication / Telecommunication Engineering.

Energy Systems and Management: BE/BTech or AMIE or equivalent in Electrical & Electronics or Electronics & Communication or Instrumentation.

Engineering Management: BE/BTech or AMIE in any branch of Engineering.

Environmental Engineering: BE/BTech or AMIE in Civil/ Chemical Engineering/Ceramic Technology/ Mechanical/ Metallurgy/ Mining/Environmental/Biochemical Engineering/ Biotechnology.

Industrial Automation and Robotics: BE / BTech / AMIE or equivalent in Mechanical / Industrial and Production Engineering / Automobile Engineering / Aeronautical Engineering / Mechatronics / Electrical & Electronics / Electronics & Communication / Instrumentation & Control.

Industrial Biotechnology: BE/BTech or AMIE or equivalent in Biotechnology or Chemical Engineering or Pharmaceutical Technology or Biochemical Engineering or Bioprocess Engineering.

Industrial Pollution & Control: BE / BTech / AMIE or equivalent in Chemical Engineering / Mechanical Engineering / Biotechnology / Civil Engineering / Environmental Engineering / Polymer Technology.



Manufacturing Engineering & Technology: BE / BTech / AMIE or equivalent in Mechanical Engineering/ Industrial and Production Engineering / Mechatronics / Manufacturing Engineering / Automobile Engineering / Aeronautical Engineering / Material and Metallurgy.

Microelectronics: BE/BTech or AMIE or equivalent in Electrical & Electronics, Electronics & Communication, Electronics & Telecommunication, Instrumentation & Control.

Power Electronics and Drives: BE/BTech or AMIE or equivalent in Electrical & Electronics or Electronics & Communication or Instrumentation & Control.

Printing & Media Technology: BE/BTech or AMIE or equivalent in any branch of Engineering.

Software Engineering: BE/BTech or AMIE or equivalent in Computer Science and Engineering or Information Technology or Information Science and Engineering.

Structural Engineering: BE/BTech or AMIE or equivalent in Civil Engineering.

Thermal Sciences and Energy Systems: BE / BTech / AMIE or equivalent in Mechanical Engineering/ Industrial and Production Engineering / Manufacturing Engineering / Automobile Engineering / Aeronautical Engineering.

#### Admissions

General Category: Admissions are done on the basis of rank in the All India Manipal University Online Entrance Test (MU-OET) 2016. Candidates qualified in GATE will be given additional weightage while preparing rank list. A copy of GATE score card should be sent to us on or before 11.05.2016.

Foreign/NRI Category: Admissions are done on the basis of marks obtained in the qualifying examination.

Note: Candidates can apply either under General Category or Foreign/NRI Category. Those submitting applications under both General and Foreign/NRI categories will be considered only under the General Category. Change of category at a later stage will not be entertained under any circumstances.

Entrance Test, Counseling, Hostels For details, visit website www.manipal.edu

Course Fees, Hostel Fees, Refund Rules Refer Section 2

Last date for receipt of application: 11.05.2016

Commencement of Classes: 03.08.2016

#### SCIENCE PROGRAMS

#### Master of Science M.Sc.

- M.Sc. (Applied Mathematics and Computing)
- M.Sc. (Chemistry)
- M.Sc. (Geology)
- M.Sc. (Physics)

Duration: 2 years (4 semesters)

#### Eligibility

Citizenship: Indian nationals can apply under General Category. Foreign nationals or NRI or Indian nationals supported by NRI relatives can apply under the Foreign/NRI Category.

#### Qualification:

MSc Chemistry - The candidate must have passed BSc with Chemistry as major subject with a minimum of 50% marks in aggregate.

MSc Applied Mathematics and Computing - The candidate must have passed BSc with Mathematics as major subject with a minimum of 50% marks in aggregate.

**MSc Physics** - The candidate must have passed BSc with Physics as major subject with a minimum of 50% marks in aggregate.

**MSc Geology** - The candidate must have passed BSc with any two of the following subjects: Geology / Physics / Chemistry / Mathematics / Botany / Zoology / Environmental Science with a minimum of 50% marks in aggregate. However preference will be given to B. Sc. (Geology)

#### Admissions

General/Foreign/NRI Category: Admissions are done on the basis of marks obtained in the qualifying examination and there is no entrance test.

Note: Candidates can apply either under General Category or Foreign/NRI Category. Those submitting applications under both General and Foreign/NRI categories will be considered only under the General Category. Change of category from Foreign/NRI to General after admission will not be entertained under any circumstances.

#### Merit list, Counseling, Hostels

For details, visit website www.manipal.edu

Course Fees, Hostel Fees, Refund Rules Refer Section 2

Last date for receipt of application: 02.06.2016

Commencement of Classes: 03.08.2016



# Faculty of Architecture

### #9

Ranked 9<sup>th</sup> amongst all architecture schools and 2<sup>nd</sup> amongst private architecture schools in India.

Source: Outlook Magazine, June 2015

#### An institute for Design Excellence

Faculty of Architecture provides the best quality design programs in the domains of architecture, interior design and fashion design in the country. Established in 1978, the school has a pioneering legacy of 38 years. FOA 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.

Faculty of Architecture is an elite institution with state-of-the-art facilities and infrastructure. 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 where learning expands beyond the four walls of the classroom. Preparing students for timeless success in the profession of design is the primary goal of the academic systems at Faculty of Architecture.

#### Our Four - Point Philosophy

- Sustainable Practices in Design
- 'Regional Values' and 'Global Essence'
- People-Centric Design
- Profession Oriented Design Education and training

#### Advantage

- Top class infrastructure and faculty profile
- Finest array and quality of students from all across the country
- Robust and continuously evolving syllabi
- Award winning students at national level
- A highly successful and super achiever alumni
- Large number of students selected for higher studies
- Quality placements in top companies
- Strong international presence and events
- Practice school to provide hands on industry exposure
- State-of-the-art technology labs and teaching infrastructure
- Developing academic programs/ studios/ workshops with foreign universities

#### Recognitions

Council of Architecture (CoA), New Delhi

#### Affiliations

Institutional Member, Indian National Trust for Art and Cultural Heritage (INTACH), New Delhi

#### **Practical Exposure**

Inputs for additional applied knowledge is given prime importance at FOA. 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 Organization in India or abroad. Faculty of Architecture conducts a number of workshops and guest lectures for the students as well as the faculty on a regular basis.

#### **Research Excellence**

- Focus on Urban Design, Smart Cities, Contemporary Architecture, Climate Studies, Sustainable Design, Architectural Conservation, Heritage Studies and Traditional Wisdom.
- Awards for Homi Bhaba Scholarship and Dr. TMA Pai Endowment Chairs received by FOA.
- Centre for Smart Cities and Urban Studies formulated at FOA.

#### Collaborations & Partnerships

FOA 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 -

- TERI, the premier organization practicing sustainable designin India
- Saint-Etienne-Du-Rouvray, Esigelec, France
- Hochschule Bremen- University for Applied Science, Germany
- Leibniz University of Hannover, Germany
- Chemnitz University of Technology, Germany
- Kumamoto University, Japan
- University of Cincinnati, Ohio, USA
- University College of Learning (UCOL), New Zealand
- Queensland University of Technology, Australia
- Deakin University, Australia
- Birmingham Institute of Art and Design, UK
- Sapienza University of Rome, Italy

#### 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
- 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

#### **Student Achievements**

- Sourabh Maheshwari, V Semester B. Arch & Anubhuthi Jain, VII Semester B. Arch. students, win 2nd position in Autodesk BIM Revit challenge from Karnataka State in October 2015. The competition was organized in 7 states all over India. The design was a multi-storey residential building, based on green and sustainable design techniques using Autodesk Revit Software.
- Students of Interior Design course conduct a study, design studio, installation and implementation of the live interior design project for the MV Kamath Memorial Library Nook at School Of Communication, Manipal in October 2015.
- Sharon Deena Dsouza and Zeenan Ashraf, V Semester B. Des. Fashion Design students, are selected for showcasing their designs at BeenaKannan Fashion Show -Semmatti, Kochi in October 2015.
- FOA Students team won First Prize for Independence Day Parade Best Contingent Award at Manipal University in 2015.
- FOA Students team won Third Prize for Republic Day Parade Best Contingent Award at Manipal University in 2015.
- Sourabh Maheshwari, in his 2<sup>nd</sup> year, won the First Prize for Paper on Green Innovation at Quark-Techfest at BITS Goa in 2015.
- Samyukta, in her 2<sup>nd</sup> year, won the Second Prize with MU at the National University Squash Championship in 2014.
- Yashas Salian, in his 3<sup>rd</sup>year represented MU for the National University Chess Championship in 2014.
- Arpita Kothari, in her 5<sup>th</sup> year had a Solo Exhibition of her artwork at Chennai in 2014.
- Shachi Bahl, in her 4<sup>th</sup> year won the third prize in Architectural Design Assignment on "Earthquake Resistant Housing (Apartment Design) in Zone 5 -Guwahati" in the one week Workshop for "Earthquake Design Practices" held at IIT Kanpur in 2012.
- Deepika Upadhyaya, in her 4<sup>th</sup> year won the Birla White Yuva Ratna students Design Competition in 2012.
- Aarti Nathan, Kaushik K Ramanuja and Aary Lobo, in their 5th year, won the first prize in Landscape Journal Students Design competition 'Breathing Life into a Quarry' organized by Landscape Foundation India in 2011.

#### Internship and Placements

Students from FOA get opportunities for doing their internship with leading design professionals and firms in India and abroad. All students get also placed as soon as they pass out. Reputed designs firms in India and abroad give preference to FoA graduate for placements. Some of leading firms are -

Total Environment

Mathew and Ghosh

Hafeez Contractors

Advani & Associates

Masters and Associates

- Atkins
- Gayathri and Namith Associates
- L&T
- Shobha Developers
- Venkatramana Associates

#### Student Exchange Programs

- IAESTE, International Association for the Exchange of Students for Technical Experience has India's largest Chapter at MIT, Manipal University. 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, MU 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.

### Courses offered

### BACHELOR OF ARCHITECTURE (BArch)

Architecture is mirror of the society. It has played an important part in shaping our past and present day lifestyles. It is going to play a pivotal role in shaping our future as can been seen in initiatives like Smart Cities and Housing for all by 2022. Architects of tomorrow have a major role and responsibility of creating better life styles and built environments. The course equips students with proficiencies required for being responsible professionals by training them with skills, techniques, fundamentals and knowledge essential to address dynamic challenges of architectural practice. It exposes them to aesthetical, functional, technical, social, sustainable, economical, legal and ethical dimensions of built environment. Architects play a vital part in the development of the society

**Duration:** 5 years (10 semesters) inclusive of 1 year (2 semesters) of internship in the  $5^{th}$  year of the course.

#### Eligibility

#### Citizenship: Indian nationals.

Qualification: Candidates must have a minimum of 40% marks in the All India National Aptitude Test in Architecture (NATA) conducted by Council of Architecture (CoA) and must have passed any one of the following courses with a minimum of 50% marks in aggregate:

10+2 with Mathematics and English as compulsory subjects OR

3 years Diploma (any stream) after 10 years of schooling recognized by Central/State Governments with Mathematics and English as compulsory subjects.

#### Admissions

General Admissions: Admissions are done on the basis of the marks obtained in the qualifying examination and the All India National Aptitude Test in Architecture (NATA) conducted by Council of Architecture (CoA).

Note: Candidates must submit their application on or before the last date and arrange to send the photocopy of their 10+2/diploma marks card and NATA score card so as to reach us on or before 10.06.2016. The application number must be written on the top right corner of the photocopy.

Foreign/NRI Category: Candidates desirous of applying under this category can write to foradmission@manipal.edu or call + 91 820 2571000/2922400. For online application and details visit : www.manipal.edu/intlug

Note: Candidates can apply both under General and Foregin/NRI categories. Change of category from Foreign/NRI to General after admission will not be entertained under any circumstances.

The application material given along with this prospectus can only be used to apply for the General Category.

Entrance Test, Counseling, Hostels

For details, visit website www.manipal.edu

Course Fees, Hostel Fees, Refund Rules: Refer Section 2

Laptop will be provided to all enrolled students.

Last date for receipt of application: 30.05.2016

Commencement of Classes: 29.07.2016

### BACHELOR OF DESIGN (FASHION DESIGN)

#### [B.Des. (Fashion Design)]

Fashion Design aims at imparting professional fashion education bridging the idealism with reality by focusing on innovation. The globalization of the Indian apparel and fashion industry and the growing domestic sector opens up a large number of avenues for fashion designers.

The program aim at imparting theoretical and practical training for the aspiring designers. Students are exposed to the art of communicating the design ideas from paper to constructed garments. Fashion Design deals with understanding and interpreting the fashion systems towards an effective management of creative sector that balances artistic ambitions and creative goals.

Duration: 4 years (8 semesters).

The option for three year exit of BACHELOR OF DESIGN (FASHION DESIGN): B.Des. (Fashion Design) leads to the award of BACHELOR OF ARTS (FASHION DESIGN): [BA (Fashion Design)]. The students awarded with BA (Fashion Design) would not be permitted to rejoin for B.Des. (Fashion Design).

#### Eligibility

Citizenship: Indian nationals.

Qualification: Pass in 10+2 or 3 years diploma by the Central/State Government or equivalent qualification from any Board. Lateral entry to 2<sup>nd</sup> year: 10+3 year Diploma in Fashion Design

#### **Admissions**

General Category: Admissions are done on the basis of the qualifying examination with minimum 50% marks in any stream. The students are required to appear for Manipal University Design Aptitude Test (MDAT) conducted by Manipal University, Manipal for admission to the program. The objective of MDAT is to ascertain the strengths of the candidate in the chosen course.

Foreign/NRI Category: Candidates desirous of applying under this category can write to foradmission@manipal.edu or call + 91 820 2571000/2922400. For online application and details visit : www.manipal.edu/intlug

Note: Candidates can apply both under General and Foreign/NRI categories. Change of category from Foreign/NRI to General after admission will not be entertained under any circumstances. The application material given along with this prospectus can only be used to apply for the General Category.

Details of MDAT, Counseling, Hostels Visit website www.manipal.edu

Course Fees, Hostel Fees, Refund Rules: Refer Section 2

Last date for receipt of application: 05.06.2016

Commencement of Classes: 29.07.2016

#### BACHELOR OF DESIGN (INTERIOR DESIGN) [B.Des. (Interior Design)]

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.

#### Duration: 4 years (8 semesters).

The option for three year exit of BACHELOR OF DESIGN (INTERIOR DESIGN): B.Des. (Interior Design) leads to the award of BACHELOR OF ARTS (INTERIOR DESIGN): [BA (Interior Design)]. The students awarded with BA (Interior Design) would not be permitted to rejoin for B.Des. (Interior Design).

#### Eligibility

#### Citizenship: Indian nationals.

Qualification: Pass in 10+2 or 3 years diploma by the Central/State Government or equivalent qualification from any Board.

#### Admissions

General Category: Admissions are done on the basis of the qualifying examination with minimum 50% marks in any stream. The students are required to appear for Manipal University Design Aptitude Test (MDAT) conducted by Manipal University, Manipal for admission to the program. The objective of MDAT is to ascertain the strengths of the candidate in the chosen course.

Foreign/NRI Category: Candidates desirous of applying under this category can write to foradmission@manipal.edu or call + 91 820 2571000/2922400. For online application and details visit : www.manipal.edu/intlug

Note: Candidates can apply both under General and Foreign/NRI categories. Change of category from Foreign/NRI to General after admission will not be entertained under any circumstances. The application material given along with this prospectus can only be used to apply for the General Category.

Details of MDAT, Counseling, Hostels Visit website www.manipal.edu

Course Fees, Hostel Fees, Refund Rules: Refer Section 2

Last date for receipt of application: 05.06.2016

Commencement of Classes: 29.07.2016

#### MASTER OF ARTS (INTERIOR DESIGN) [MA (Interior Design)]

Duration: 2 years (4 semesters)

#### Eligibility

Citizenship: Indian Nationals can apply under the General Category. Foreign nationals or Non Resident Indians or Indian nationals supported by NRI relatives can apply under the Foreign/NRI Category.

Qualification: The candidates must have passed BA (Interior Design)/ B.Des (Interior Design)/ B.Arch. with minimum of 50% marks in aggregate.

#### Admissions

General/Foreign/NRI Category: Admissions are done on the basis of marks obtained in the qualifying examination and there is no entrance test.

Note: Candidates can apply either under General Category or Foreign/ NRI Category. Those submitting applications under both General and Foreign/ NRI Categories will be considered only under the General Category. Change in category from Foreign/ NRI Category to General after admission will not be entertained under any circumstances.

Merit list, Counseling, Hostels For details, visit website www.manipal.edu

Course Fees, Hostel Fees, Refund Rules: Refer Section 2

Last date for receipt of application: 25.06.2016

Commencement of Classes: 01.08.2016

#### Master of Arts (Fashion Management) [MA (Fashion Management)]

Duration: 2 years (4 semesters)

#### Eligibility

Citizenship: Indian Nationals can apply under the General Category. Foreign nationals or Non Resident Indians or Indian nationals supported by NRI relatives can apply under the Foreign/NRI Category.

Qualification: Under graduation in any stream with aggregate 50% marks.

#### Admissions

General/Foreign/NRI Category: Admissions are done on the basis of marks obtained in the qualifying examination and there is no entrance test.

Note: Candidates can apply either under General Category or Foreign/ NRI Category. Those submitting applications under both General and Foreign/ NRI Categories will be considered only under the General Category. Change in category from Foreign/ NRI Category to General after admission will not be entertained under any circumstances.

#### Merit list, Counseling, Hostels

For details, visit website www.manipal.edu

Course Fees, Hostel Fees, Refund Rules: Refer Section 2

Last date for receipt of application: 25.06.2016

Commencement of Classes: 01.08.2016

#### EXECUTIVE MASTER OF ARCHITECTURE (ADVANCED DESIGN) – PART TIME: [EXE M ARCH (AD)]

To provide the opportunity for practicing architect professionals & faculty to upgrade their qualifications and broaden the knowledge base, the part time three year Executive MArch degree has been designed. The course will equip the program aspirants in the tenets of contemporary architectural skills. Duration: 3 years (6 semesters)

#### Eligibility

Citizenship: Indian nationals can apply under the General Category. Foreign nationals or Non Resident Indians or Indian nationals supported by NRI relatives can apply under the Foreign/NRI Category.

Qualification: The candidates must have passed BArch or its equivalent as approved by Council of Architecture with minimum 50% marks in aggregate.

#### Admissions

General/Foreign/NRI Category: Admissions are done on the basis of marks obtained in the qualifying examination and there is no entrance test.

Note: Candidates can apply either under General Category or Foreign/NRI Category. Those submitting applications under both General and Foreign/NRI categories will be considered only under the General Category. Change of category from Foreign/NRI to General after admission will not be entertained under any circumstances.

#### Merit List, Counseling, Hostels

For details, visit website www.manipal.edu

Course Fees, Hostel Fees, Refund Rules: Refer Section 2

Last date for receipt of application: 25.06.2016

Commencement of Classes: 01.08.2016

#### MASTER OF ARCHITECTURE (URBAN DESIGN & DEVELOPMENT) MArch (UDD)

The focus of postgraduate programs is to make professionals sensitive and capable to address present day needs of development. The rapid and unprecedented scale of urbanization in India calls for graduates to enhance their skills for sensitively responding to contemporary architectural and urban issues. With an aim to transform society for the better, the studios are based on live projects and involve continual interactions with stakeholders.

The emphasis of teaching-learning is on individual as well as collective research. The courses are designed around discourses on and discoveries about our habitat with importance on people. Addressing the multi-dimensional concerns of the contemporary urban landscape, with focus on context and sustainability, is the essence of the courses. The program provides opportunity for practicing architects and faculty to broaden their knowledge base and upgrade their qualifications.

Duration: 2 years (4 semesters)

#### Eligibility

Citizenship: Indian nationals can apply under the General Category. Foreign nationals or Non Resident Indians or Indian nationals supported by NRI relatives can apply under the Foreign/NRI Category.

Qualification: The candidates must have passed BArch or its equivalent as approved by Council of Architecture with minimum 50% marks in aggregate.

#### Admissions

General/Foreign/NRI Category: Admissions are done on the basis of marks obtained in the qualifying examination and there is no entrance test.

Note: Candidates can apply either under General Category or Foreign/NRI Category. Those submitting applications under both General and Foreign/NRI categories will be considered only under the General Category. Change of category from Foreign/NRI to General after admission will not be entertained under any circumstances.

#### Merit list, Counseling, Hostels

For details, visit website www.manipal.edu

Course Fees, Hostel Fees, Refund Rules: Refer Section 2

Last date for receipt of application: 25.06.2016

Commencement of Classes: 01.08.2016

### CERTIFICATE IN FASHION DESIGN (CFD)

Duration: 1 year (2 Semesters)

#### Eligibility

Citizenship: Indian nationals.

Qualification: Pass in 10+2 or 3 years diploma by the Central/State Government or equivalent qualification from any Board.

#### Admissions

General Category: Admissions are done on the basis of marks obtained in the qualifying examination and there is no entrance test.

Merit List, Counseling, Hostels For details, visit website www.manipal.edu

Course Fees, Hostel Fees, Refund Rules: Refer Section 2

Last date for receipt of application: 05.06.2016

Commencement of Classes: 29.07.2016

# School of Information Sciences

• There are eight part-time and two full time research scholars carrying out their research at this institute.

- More than 30 International indexed journal papers published
- Indian Patents applied: 3
- Development of low cost technology for healthcare to meet the needs of emerging market.
- Development of E-commerce/ M-commerce / technology based platforms for agriculture.
- The institute is involved in interdisciplinary research projects involving image analysis for medical diagnosis and research.
- The investigators from this institute have won the following awards for their research activities
  - CAMTech innovation award (2015): The proposal submitted as part of the CAMTech Innovation Challenge, titled "Development of ECO (Easy Cervico Optimizer) - A Novel Device to Facilitate Cervix Cancer Screening" has won an award of US \$ 50,000 from the United States Agency for International Development, organized by Massachusetts General Hospital, USA. This award provides funding support of the project for a period of one year.
  - Microsoft Rural Innovation Fund Award of US \$ 15000 for the BMD Scan project proposal, 2007.
  - IDF Innovation Award of US \$ 500 for the idea submission on Automation of Malaria parasites detection using image analysis by Intellectual Ventures, 2011.

#### **Advantages**

- All courses are industry driven.
- Well organized Internship support.
- Industry Sponsored labs such as NXP Lab, Whizchip Lab, Applied Cognition Lab, BoP Lab, and Centre for Software Development (CSD) Lab.
- Well-equipped industry standard hardware and software laboratories for training.
- The labs are equipped with hardware like ARM Microcontroller development boards, Raspberry Pi boards, Arduino Boards, Xilinx Board and Altera boards and software tools like DICOM Suite, Cadence/Synopsys full suite, Linux Device Driver development, Microsoft Toolset, QUALNET.

School of Information Sciences (SOIS), an industry driven state-of-the-art institute of excellence in the areas of Embedded Systems, Medical Software and VLSI Design 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".

School of Information Sciences (SOIS) has been conducting these programs in the highly specialized areas like Embedded Systems, Medical Software, VLSI Design, Embedded and Wireless Technology, Computing Technologies and Virtualization, and Big Data and Data Analytics. The institute is working in close association with industry giants like Philips, GE Healthcare, Whizchip, Cerner Corporation, NXP Semiconductors, Synopsys Inc, Manipal Dot Net (MDN) and Applied Cognition Systems (APCOG) for its PG programs. At School of Information Sciences, we create a vibrant environment where creativity and discipline strike balance.

School of Information Sciences (SOIS) provides an ideal place for creative thinking. Students studying here are well accepted by the industry. The industry linkages and practical oriented curriculum has attracted a lot of students. The infrastructure, teaching and the placement makes it an ideal destination for post graduate studies. The program and subjects are updated very frequently based on industry feedbacks.

The institute primarily helps students to get placements for internship in premier industries during the final year. Academically oriented students can take up a PhD program in Indian and foreign universities. The school is ISO 9001:2008 and ISO 14001:2004 certified.

- Opportunities to work on industry defined mini-projects during their academics. Industries participate in offering mini-projects are, Philips, APCOG, CSD, A1 Logics, Tonse Technologies, Volmo, MIRS and Whizchip.
- Center for Software Development (CSD) SOIS has inhouse software development facility CSD. Students offered with internship at CSD will have the 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.
- Open Lectures Presentation Community (OLPC): OLPC is an open community where students, Faculty, Researchers and Engineers from industry can give lectures and presentation. This community was started in August 2011 to create interest for students to learn on the cutting edge technology. OLPC mantra is EXPLORE, ENRICH and EDUCATE. OLPC helped students to enrich their soft skills and also helped them in executing projects in industries.

### Student Exchange and Study Abroad Programs

- SOIS students have opportunities to study abroad with following partner universities:
  - ESIGELEC, France
  - ENSAI, France
  - EFREI, France
  - Lancaster University, UK
  - Edinburgh Napier University, UK
  - Group T, Belgium

#### With ESIGELEC, France

- Successful 7th year with more than 100 students benefitted so far.
- Majority of internships are in France, Germany, Netherlands, Belgium, Spain, USA etc.
- Internship stipend received 800 to 1500 per month depending on the industry.
- Scholarships to eligible students by both Manipal and ESIGELEC.
- Extended FIVE years Schengen visa after the completion of the degree.
- Government subsidized accommodation at ESIGELEC, France.
- Convenient & simplified visa processing at Manipal.

### With Lancaster University U.K., Edinburgh Napier University U.K., Group T, Belgium

- More than 25 students got benefitted by this program for the past 5 years.
- 100 % internship offered in partner campus.
- Students have choice to pick the course in Manipal and partner universities
- Fees concession and Flexible payment of fees.
- Opportunities for doing final year project/thesis as internship at leading industries like Philips, Synopsys, Whizchip, APCOG, NXP Semiconductors, Intel, Infineon, etc.

#### Study Abroad Program of EFREI, France

- Efrei has identified Manipal University, Manipal along with universities from US, UK, Malaysia etc. for the Study Abroad Program (SAP).
- In the first batch there were 24 students from Efrei, France came to study FOUR modules from March 29, 2015 to June 6, 2015 in School of Information Sciences (SOIS), Manipal.
- In the second batch there were 14 students from Efrei, France came to study FOUR modules from September 13, 2015 to November 19, 2015 in School of Information Sciences (SOIS), Manipal.
- This program will happen regularly year after year. Efrei, France will send TWO batches of students every year. Efrei, France is also planning to start research collaborations with SOIS.



#### Recognition

The school is ISO 9001:2008 and ISO 14001:2004 certified

#### Scholarships to SOIS students

- SOIS has instituted Scholarship in the form of 50% Tuition fee Waiver for top 10% of students admitted in SOIS for each of the program - based on MU Online Entrance test since 2010.
   126 students have received this scholarship. These scholarships will be awarded as per the University guidelines.
- The industry-sponsored scholarships at SOIS like GE Foundation Scholarships and NXP Semiconductors Scholarships, act as testimony to the quality of the graduates from the institute. Seventeen (17) GE Fund Scholarships have been awarded to SOIS students during the period 2001-2009, and seventeen (17) NXP Semiconductor scholarships have been awarded during the period 2005-2008.

#### SOIS - Industry Associations



### Industry Engineers graduated on Part Time Basis from SOIS

- Zeta Infotech: 05
- Robosoft: 11
- Manipal Dot Net : 06
- Times of India (19th May 2008) has listed School of Information Sciences formerly known as Manipal Centre for Information Science under "Institute to Watch" along with IITs for its innovative programs.



• Electronics For You (EFY) in their April 2011 edition has also listed SOIS as the "Institute to Watch" along with top VLSI Design institutes of India.

#### **Institute Watch**

- 1. IITs (Delhi, Guwahati, Mumbai, Madras, Kanpur, Kharagpur, Roorkee)
- 2. VEDA IIT, Hyderabad
- Centre for Development of Advanced Computing (C-DAC)
- 4. IISc, Bangalore
- 5. BITS, Pilani
- 6. University of Pune
- 7. NIT, Tiruchirappalli
- 8. NIT, Rourkela
- 9. Netaji Subhas Institute of Technology (NSIT)
- 10. School of Information Sciences (SOIS)
- 11. Punjab University, Chandigarh
- 12. IIIT, Hyderabad
- 13. Delhi University
- 14. Anna University
- 15. VJTI Mumbai
- 16. PSG College of Engineering, Coimbatore
- 17. Jadhavpur University
- Freescale Cup 2011: Team SOIS were runner ups in the Nationwide annual contest hosted by Freescale Semiconductors India in Collaboration with Center for Electronic Design and Technology (CEDT), Indian Institute of Science (IISc) Bangalore on 19th September 2011 amongst 127 teams including few IITs.



 SOIS Students Gayathri N.R and Vatsal Patel of Embedded Systems, bagged the 2nd prize and a cash award of INR 50000 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 (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.DhanyaHegde and Mr. Pradeep V for their paper on Low Power consumption concept. Prize money INR 30,000

#### Placement Advantages @SOIS:

- SOIS students were selected for Internship with a stipend ranging from Rs.4000 to Rs.35000 per month.
- Most of the students get internship in domain Specific / core companies.
- Generally most of the companies will convert their interns to a full time employee after successful completion of the internship.
- Most of the times companies visit campus for the internship selection. However in some cases students have to visit the companies if the number of students is very small
- SOIS has signed MoU with Manipal Dot Net (MDN), Applied Cognition Systems (APCOGS) for the student internships.
- SOIS has in house software development company, Centre for Software Development (CSD) where students have opportunity to carry out live projects.

#### Companies visited and hired SOIS students for internship 2015

Applied Cog. Sys Altair Arera Argus Atonarp Avin Systems BlackBuck	CVC DSP Group Ecozen EMC Emulex FranklyMe GEMN	KPIT Kuberre Sys. Marvel MDN Microchip Microsemi MIRS	Ricoh Sandisk Siemens Sibridge ST Synopsys TapCibo
Base of Pyramid	GreenStar	Neurosynaptic	TCS
BigSolv Bosch	GVK Bio HP	NXP Semiconductor Oracle	Tenet Traana
Brisa	Infineon	Pace Wisdom	Tonse
Broadcom	Intel	Philips Lighting	VeriEdge
Consilient Tech	iSoft	Philips	VmWare
CSD	Kallows	Rambus	Volmo Whizchip

#### SOIS Labs:

SOIS has VLSI Lab, Microcontroller Lab, Imaging Lab, Wireless Lab, where students can do their assignments & projects from 8 AM-8PM.

#### Industry Sponsored Labs @ SOIS:

#### NXP Lab, Whizchip Lab, AppCog Lab, BOP Lab.

- Students have the privilege of working with industry standard software tools like Synopsys, Cadence, Altera, Xilinx, Matlab, Qualnet, Nucleus RTOS, Code Composer and Microcontroller kits like Intel 8051, Motorola 68HC11, PIC16F877, ARMcortex and many more.
- SOIS alumni are working in the leading industries across the globe.

#### Conference

- SOIS is conducting a national level conference NCIS every year.
- Students are eligible to attend one conference during their stay at SOIS. The Institute will reimburse maximum of Rs. 5000/- per student.

#### Quotes from alumni or students

"The two year degree course offered by two reputed universities Manipal and ESIGELEC, set in diverse and resource rich cities was truly a life changing experience for me. It revealed a world of unlimited possibilities. The curriculum provided an excellent foundation and has defined my professional being. The universities proudly stand as examples of modern day education combining classroom studies with practical real world projects as part of every subject we studied. The professors were extremely forthcoming and knowledgeable and encouraged creative, out-of-the-box thinking.

Apart from academics, life in Europe has made me independent, learn French and experience different cultures. I am truly grateful as this course has given me the right foundation for a promising career in research and development, and an opportunity to work with exceptionally gifted and wonderful people."

> Giselle Maryanne Fernandes (Embedded Systems & Inst.), Research and Development Engineer, Multitel, ASBL, Belgium.

"The excellence of our faculty, the strength of our course curriculum, and the commitment towards quality education has placed this University at the forefront in field of higher education. I continue to believe that my time at the University as a student shaped my life in many immeasurably positive ways. I wholeheartedly endorse SOIS, Manipal for everything which it stands and look forward to have continual association with this esteemed education institution."

> Sharat Kalyan Course: Medical Software Designation: Technical Lead, Samsung Research Institute, Bangalore

"The year I spent at SOIS, Manipal was the best year of my academic life. I had wonderful teachers. Learnt a lot from each of the subjects we had in the course. I secured the Gold Medal all due to the encouragement of my teachers. The curriculum set at college was very competitive and industry focused; we had technologies like 'Android' (Operating system + Application design), which I have not come across being taught any-where else. During the course of my study we were encouraged to do multiple projects and deliver technical topics in the class which helped in knowing our strengths and weaknesses.

Looking back to the time I had to choose between Infosys and Manipal, I feel that it is the single most important decision of my life to have chosen Manipal University. Even to this day I believe that I am where I am only due to the efforts of all my teachers."

#### Ganesh Kamath

Course: Embedded & Wireless Technology Designation: Software Engineer, Intel, Bangalore

### Courses offered

#### Master of Engineering (ME)

- ME (Medical Software)
- ME (VLSI Design)
- ME (Embedded Systems)
- ME (Embedded and Wireless Technology)
- ME (Computing Technologies and Virtualization)
- ME (Embedded Systems and Instrumentation) – ESIGELEC, France
- ME (Automotive Embedded Systems) ESIGELEC, France
- ME (Big Data and Data Analytics)

#### ME (Medical Software)

In this program students learn to develop software solutions to the healthcare industry. The program was conceived jointly by Manipal University & GE Healthcare during the year 1998. The curriculum is jointly designed in consultation with experts from GE Health Care & academicians from the leading educational institutions. The main emphasis in this program is from the biomedical domain as well software development platform such as DOTNET technologies where students can quickly build software solutions. Students are trained to develop software solutions to suit the healthcare / any software development industry.

#### ME (VLSI Design)

The VLSI Design program aims at the development of skills required for the rapidly growing "Electronic Design Automation" (EDA) industry as well as VLSI Design industry. Comprehensive training in the field of EDA tool development and VLSI design by imparting the required theoretical and practical knowledge and exposing the students to the cutting edge EDA tools from Synopsys, MAGMA, XILINX, MENTOR GRAPHICS, Altera etc.

#### ME (Embedded Systems)

Embedded system design is getting more complex and versatile with the drive to create smaller devices supporting enhanced functionalities. It is all about "designing the product in a constrained environment". The students are trained in theory & practical equipping them well to face the industry requirements. Extensive training is given in the area of RTOS, Device Drivers, designing with various popular microcontrollers and other important areas.

#### ME (Embedded and Wireless Technology)

Evolution of future generation wireless networks mandates students to have a good understanding of their underlying theories and practical. The curriculum comprises of deep insight into new methods of mobile application development, porting operating systems to different targets and applications development of embedded systems, wireless communication, sensor networks and signal processing and integrated systems.

### ME (Computing Technologies and Virtualization)

This program emphasize on the techniques for virtualizing and managing the hardware components. Virtualization is now clearly established as a foundation block for cloud computing. Describe various architectures for implementing system level virtualization. Virtualization has become a substantial market, led by companies like VMware, XenSource (owned by Citrix), Microsoft, Sun, Dell and others.

### ME (Embedded Systems and Instrumentation)

#### (In association with ESIGELEC, France)

This program emphasizes on building embedded products for the process control applications, automotive applications, instrumentation applications etc. Students have the options of undergoing electives and project work in India and abroad. Note: In this program students have an opportunity to carry out their internship abroad. Launched in the year 2009, so far we could achieve 100% paid internship placements in top notch industries, most of them in Europe. Top 2 students admitted to this program are also eligible for scholarships both from Manipal University and ESIGELEC, France.

For more information please refer: http://www.manipal.edu/sois

#### ME (Automotive Embedded Systems)

(In association with ESIGELEC, France)

Nearly all innovation that is taking place now-a-days in automotive is electronic rather than mechanical. Automotive semiconductor sector has been showing growth trends for a number of quarters now, while the overall cost of electronics in cars is expected to increase rapidly in the years to come. The growth in this field demands a large number of professionals globally. Moreover, France, Germany and other European countries house many world class automotive industries. The objective of starting this program is to train the students in this area and make them industry ready to cater to the large demand in automotive and related industries. The students have an opportunity to carry out their internship with stipend abroad.

For more information please refer: http://www.manipal.edu/sois

#### ME (Big Data and Data Analytics)

The recent years have witnessed a tremendous technological growth in managing, organizing and harnessing the power of large scale data. Big Data and Data analytics are playing an important role in defining the vision in every sphere of life. There is no human institution not influenced by big data and analytics. Business, government, healthcare, education and the society as a whole derives insights from the historical data. Analytics helps in predicting potential opportunities as well as predicting the possible future. Big Data is about providing efficient technological "solution stacks" to organize and access large scale data. Data Analytics is about combining principles and techniques from mathematics, computer science and machine learning to predict possibilities as well as to prescribe actions. The Big Data and Data Analytics program offers a well-balanced content organized across one year course work. The students get to learn first principles of Data Analytics – statistics, probability, machine learning, and text analytics along with the technological foundations of Big Data frameworks. Since every course is supplemented by a laboratory component, students get to learn and acquire skills that are crucial in the field. This program prepares students to confidently cope with the ever growing demands of this exciting field.

#### Duration: 2 years

#### Eligibility

Citizenship: Indian nationals can apply under the General Category. Foreign nationals or Non Resident Indians or Indian nationals supported by NRI relatives can apply under the Foreign/NRI category.

Qualification: For those seeking admission to ME Programs (Medical Software, VLSI Design, Embedded Systems, Embedded Systems and Instrumentation, Embedded and Wireless Technology, Computing Technologies and Virtualization, Automotive Embedded Systems, Big Data and Data Analytics) courses -

Pass in the following from a recognized university with a minimum of 50%.

- BE/BTech or equivalent in Electronics and Communication, Computer Science, Information Science, Electrical and Electronics, Telecommunications, Bio-Medical Engineering, Medical Electronics, Mechatronics, Instrumentation Engineering or equivalent for all ME Programs.
- MSc (Mathematics) and MSc (Statistics) graduates are also eligible for ME (Big Data and Data Analytics). Some seats are reserved for these MSc graduates. There is no entrance test for such students seeking admission to ME (Big Data and Data Analytics).

#### Admissions

General Category: Admissions are done on the basis of rank in the All India Manipal University Online Entrance Test (MU-OET) 2016.

Foreign/NRI Category: Admissions are done on the basis of marks obtained in the qualifying examination.

Note: Candidates can apply either under General category or Foreign/NRI category. Those submitting applications under both General and Foreign/NRI categories will be considered only under General Category. Change of category at a later stage will not be entertained under any circumstances.

Entrance Test, Counseling, Hostels For details, visit website www.manipal.edu

Course Fees, Hostel Fees, Refund Rules: Refer Section 2

Last date for receipt of application 11.05.2016

Commencement of Classes: 01.08.2016

#### Master of Science M.Sc. (Information Science)

This program has been designed for science graduates to be part of teams that design, implement, manage and use information systems. At SOIS, MSc (Information Science) program focuses on the areas like Advanced Programming, Web Application Development, Database Management and Mobile Application Development. With the growing need for the trained professionals in the area of Information Science, huge market is expected in the years to come.

Internship during the study: Students will be offered live projects to do their internship and those who clear the qualifying criteria are also eligible for the stipend.

#### Duration: 2 years

#### Eligibility

Citizenship: Indian nationals can apply under the General Category. Foreign nationals or Non Resident Indians or Indian nationals supported by NRI relatives can apply under the Foreign/NRI category.

#### Qualification:

- Pass in BSc in Computer Science, Information Science, Mathematics, Electronics, Physics, Chemistry/ BCA with minimum of 50% in aggregate marks or equivalent qualifications from Universities outside India are also considered.
- The program will have first three semesters of classroom teaching and laboratory work. Each semester consists of five subjects with associated lab, seminar and mini-project. During the fourth semester, the students undertake a live project work, wherein they get an opportunity to work with latest technologies in the industries/ companies.

#### Admissions

General/Foreign/NRI Category: Admissions are done on the basis of marks obtained in the qualifying examination.

Note: Candidates can apply either under General category or Foreign/NRI category. Those submitting applications under both General and Foreign/NRI categories will be considered only under General Category. Change of category at a later stage will not be entertained under any circumstances.

#### Merit List, Counseling, Hostels

For details, visit website www.manipal.edu

Course Fees, Hostel Fees, Refund Rules: Refer Section 2

Last date for receipt of application: 02.06.2016

Commencement of Classes: 01.08.2016.

# School of Management

### #6

Ranked 6th among the Top B-Schools of Excellence Source: CSR-GHRD B School Survey 2015

#13

Ranked 13th among the Private B Schools in Karnataka Source: CSR-GHRD B School Survey 2015

### #25

Ranked 25th among the Private B Schools in South Zone Source: The Week-Hansa Best B School Ranking, 2015

### #17

Ranked 17th among Top All India Business Schools Source: Higher Education Review. Beyond IIM, B School Survey, 2014 The School of Management (formerly known as Manipal Institute of Management) had its beginning in the year 1999. It has been shaping industry-ready management professionals, who are socially responsible and pro-active agents of change management.

The School of Management has been periodically updating its curriculum so as to equip its students for meeting the challenges of the fast changing business arena. The latest addition to its portfolio is the introduction of sector-specific specializations. The school lays emphasis on fostering a collaborative learning environment with the spirit of inquisitiveness and hardwork. The educational resources include state-of-the art class rooms, online journals and books, computer labs, multi-media educational software, and IT based student information system.

The school draws its strength from its team of dedicated and experienced scholars. The faculty members, many of them with industry experience, keep themselves abreast with research and publications.

The Institute is a member of the Association of Indian Management Schools and AMDISA.

#### Key features

- Higher percentage of faculty members with Doctoral degree and research publications
- Curriculum is periodically reviewed and refurbished to suit the requirements of the industry
- Expanding profile of recruiters
- Introduction of sector-specific specializations
- The Institute is encouraging students' participation in event management and socially responsible activities and programs. Faculty interaction and participation are nurtured through organizing conferences and seminars on a regular basis.

#### Accreditations

- NAAC B Grade
- ISO 9001:2008
- ISO 14001:2004

#### International Collaborations/ Partnerships/ Student Exchange Programs

The Institute has academic partnerships with Group-T University of Belgium and Edinburg Napier University of Scotland, in addition to several international collaborations that are open at the University level.

#### Placements 2014-2015: A Glance

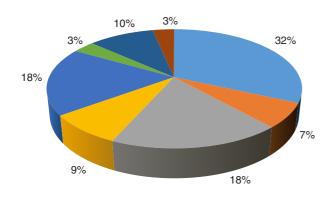
School of Management has got a strong placement cell which functions with the objective of grooming its students in developing skills and job-search strategies that are required to achieve their career objectives. Due to the constant touch with industry, the Institute has developed strong cordial relationships with potential employers. Over the years, the institute has been consistently improving its placement performance. We are proud to see several industries returning, year after year, to our Institute for recruitment. This reinforces our belief in the effectiveness of our curriculum and its suitability with respect to the expectation of a dynamic corporate world. The industry has been offering jobs with diverse profiles to our students. We groom our students to inculcate a flexible and adaptable nature so that they are well prepared for the corporate world by the time they leave the portals of the Institute.

School of Management has been attracting companies from a wide range of industrial sectors such as HR Consultancy, Manufacturing, Information technology, Restaurants/Retail beverages, Tax advisory services, Healthcare, Consulting, Education, Communication, Automobile, Insurance, Pharmaceuticals, and Banking. In total, 72% of the eligible students were placed on campus for the batch of 2014-15, which includes domestic and international placements. Alshirawi group, Dubai and Delta Printing Press, Dubai are the overseas companies who recruit our students regularly.

#### **Recruiting Partners**

Companies visited and hired SOM students for internship 2015				
<ul> <li>AlShirawi, Dubai</li> <li>Delta Printing Press, Dubai</li> <li>Goldman Sachs Services Pvt Ltd</li> <li>Span Infotech India Pvt Itd</li> <li>IBM</li> <li>American Express</li> <li>MEMG</li> <li>ITC Hotels</li> <li>Healthcare &amp; Global Enterprise</li> <li>Mind Tree</li> <li>Thomson Reuters</li> <li>Johnson &amp; Johnson Ltd</li> <li>Industry Arc</li> <li>Wels Fargo</li> </ul>	<ul> <li>Daikin Airconditioning India Pvt Ltd</li> <li>Ample Technologies</li> <li>ICICI Securities</li> <li>TCS</li> <li>Café Coffee Day</li> <li>Crisil Ltd</li> <li>Robosoft Technologies</li> <li>KPMG</li> <li>Ranbaxy Labs</li> <li>Reliance General Insurance</li> <li>Aricent</li> <li>Biocon</li> <li>Oracle</li> <li>Clutch Group</li> <li>Ernest &amp; Young</li> <li>EMWare</li> </ul>	<ul> <li>MDS</li> <li>Glaxosmithkline</li> <li>Acme Consultancy</li> <li>KMC Manipal</li> <li>Itech Solutions</li> <li>Northern Trust</li> <li>People Gamut</li> <li>Global Healthcare</li> <li>Pepsi</li> <li>E &amp; Y</li> <li>IDBI</li> <li>Eureka Forbes</li> <li>Axis Bank</li> <li>Dominos</li> <li>Amazon</li> <li>Hyundai</li> <li>Glopore IMS</li> </ul>	<ul> <li>Decathlon</li> <li>Mphasis</li> <li>Vidal Health</li> <li>Aeromax</li> <li>Sterling Lab</li> <li>Mala Healthcare</li> <li>Fortune Inn Valley View, Manipal</li> <li>Simpli Learn Solutions</li> <li>Wipro</li> <li>Northern Trust</li> <li>Toyota</li> <li>TVS</li> <li>Unifi Capital Pvt Ltd</li> <li>HDFC Bank</li> <li>Octavo Solutions</li> <li>Act TV</li> </ul>	

#### Sector- wise breakup of the Placements for the year 2014-15



#### Financial Services Manufacturing IT I Retail Research & Consultancy Healthcare HR Consultancy Other Services

#### my professional and career growth, imbibing requisite skills to wade through the wide and deep ocean of corporates across the Globe. Encouragement to participate in events and extracurricular activities emphasizes the basic management principles with much team work and networking. Overall, the two years of management education at School of Management provide us with acomplete package of holistic education. They passoff within a wink of an eye with all the support of teaching and non-teaching staff. I had had the best years of my life, which I cherish even now.

#### Jenifer Lorene Dsa

(2009 Batch) Assignment Manager -People Mobility Accenture Abu Dhabi, UAE.

MIM offers students with an opportunity to develop their leadership and management skills through an exceptionally interactive and team- based approach to learning. The Program also has a strong international focus which allows students to learn business principles that are relevant for a global exposure. MIM offers ample opportunities to equip its students with solid leadership, analytical and interpersonal skills, with a global perspective.

> Vishwas Pai (2001 Batch), Director, Envoy Mortgage India Pvt. Ltd., Mangalore

#### Quotes from alumni or students

Pursuing MBA at MIM is always going to be an advantage in the long run due to the global recognition of Manipal University. The two years spent at MIM contributed towards

#### 60

I graduated from MIM in 2008 with an MBA in Human Resources Management. Not only has my degree helped me secure a challenging job in one of the prestigious healthcare groups in UAE but also the values and lessons learned during my two years in MIM have steered me in my career and professional growth. I enjoyed especially the case studies that were discussed during our courses. My Professors have always been encouraging, both during and even after my tenure at Manipal. We were always motivated to think outside the box which, in turn, stimulated practical thinking. Being a part of various cultural events and workshops and also committees like the Alumni committee and literary club demonstrates that MIM offers a healthy mix of both work and play. Thank you, MIM.

#### Cimi Chacko

(2006-2008, Human Resources Management), Medical Administration Coordinator, Mediclinic City Hospital, Dubai, UAE

#### Research Excellence (for the last five years)

- 9 Ph.Ds have been awarded in Management
- Faculty publications in indexed/peer reviewed journals
- Research papers presented by faculty members and students in conferences and seminars
- Faculty members have published books and contributed chapters to edited volumes
- The Institute has organized seminars and conferences
- Faculty members have offered professional consultancies in their domain areas
- The Institute offers full-time Doctoral research program through scholarship
- Our faculty members have been carrying out their postdoctoral research in universities of other countries of the world

### **Courses offered**

### Master of Business Administration MBA

- The School offers a two year full time program leading to the award of the degree of Master of Business Administration (MBA) of Manipal University. The program entails course work of six trimesters along with the summer internship/project of six to eight weeks duration between the first and second years.
- The MBA program offers students with the option of specializing in Major and Minor areas, which will facilitate their professional mobility. The following are the areas of specialization that the Institute offers:
  - Marketing
  - Finance
  - Human resources
  - Operations

#### Duration: 2 years

#### Eligibility

- A bachelor's degree in any discipline from a recognised University with aggregate marks of 50% or above.
- A valid test score in any of the All India Management Tests like CAT, MAT, XAT, and CMAT or GMAT.

#### Citizenship:

Admissions are offered under two categories: General and Foreign/NRI. All Indian nationals are eligible to apply under the general category while the Foreign/NRI category is open to foreign nationals, non-resident Indians and Indian nationals supported by NRI relatives. Candidates can apply under either of the two categories but not both. In case a candidate applies under both the categories, the application will be processed under the General category only. Change of category will not be permitted.

#### Admission Procedure

Candidates are required to submit their applications forms, complete in all respects, on or before April 30, 2016 to the Director (Admissions), Manipal University.

Applications would be processed as and when received and shortlisted candidates would be called for a group discussion & personal interview (GD & PI) of which there may be more than one rounds.

#### Counseling, Hostels:

For details, visit website www.manipal.edu

Fees, Refund Rules: Refer Section 2

Laptop will be provided to the enrolled students.

Last date for receipt of application: 30.04.2016.

Commencement of Classes: 04.07.2016.

### Master of Business Administration MBA (Healthcare Management)

- School of Management offers a unique, sector-specific business management program in order to meet the growing needs of healthcare sector. This program draws heavily from the deep expertise of Manipal University in administering hospitals. Healthcare sector has a felt need for the professional management of hospitals so as to meet the strategic challenges in managing hospitals so as to create value for stakeholders.
- School of Management has been offering this sectorspecific MBA program in healthcare management since 2014. This niche program caters to the needs of the healthcare sector to run the hospitals in accordance with NABH guidelines. Like the MBA program, this program too follows a trimester pattern and entails six terms of course

work with a summer internship/project between the first and second years.

 In the first year of this program, participants would be provided a solid foundation in the various functional areas of management as applied to healthcare settings. In the second year, they would select advanced elective courses that build upon this foundation.

#### Duration: 2 years

#### Eligibility

• A bachelor's degree in any discipline from a recognized University with aggregate marks of 50% and above.

#### Citizenship:

Admissions are effected under two categories: General and Foreign/NRI. All Indian nationals are eligible to apply under the general category while the Foreign/NRI category is open to foreign nationals, non-resident Indians and Indian nationals supported by NRI relatives. Candidates can apply under either of the two categories but not both. In case a candidate applies under both the categories, the application will be processed under the General category only. Change of category will not be permitted.

#### Admission Procedure

Candidates are required to submit their applications forms complete in all respects, on or before April 30, 2016 to the Director (Admissions), Manipal University.

Applications would be processed as and when received and shortlisted candidates would be called for a group discussion & personal interview (GD & PI) of which there may be more than one rounds.

#### Counseling, Hostels:

For details, visit website www.manipal.edu

Fees, Refund Rules: Refer Section 2

Laptop will be provided to the enrolled students.

Last date for receipt of application: 30.04.2016.

Commencement of Classes: 04.07.2016.

## Master of Business Administration MBA (Global Business)

As Indian economy is functioning in a globalised and interconnected world, there exists a growing need to provide international business perspectives to young business managers. Indian economy is projected to be the fastest growing economy of the world. As Indian companies are vigorously entering into the international arena, the future business world requires business managers who possess global perspectives and challenges of business. Therefore, School of Management offers Global Business MBA program to cater to the needs of growing business challenges.

Global Business MBA program is designed to develop new age business leaders who possess in-depth cross-functional knowledge and understanding of the theories and practices related to global business. It lays special emphasis on the development of global intelligence, cultural agility and important real-world business skills like effective communication, decision-making, leadership, networking and problem solving. The program provides students an exposure to campuses across the countries. This multicountry MBA has the following highlights:

- Opportunity for students to spend a term in Dubai to get an exposure to the Global business environment
- Opportunity for students to spend a term in a Foreign University with an opportunity to earn a second MBA degree
- Opportunity to do Summer Internship in Dubai

#### Duration: 2 years

#### Eligibility

- A bachelor's degree in any discipline from a recognized University with aggregate marks of 50% and above.
- A valid test score in any of the All India Management Tests like CAT, MAT, XAT, and CMAT or GMAT.

#### Citizenship:

Admissions are offered under two categories: General and Foreign/NRI. All Indian nationals are eligible to apply under the general category while the Foreign/NRI category is open to foreign nationals, non-resident Indians and Indian nationals supported by NRI relatives. Candidates can apply under either of the two categories but not both. In case a candidate applied under both the categories, the application will be processed under the General category only. Change of category will not be permitted.

#### Admission Procedure

Candidates are required to submit their applications forms complete in all respects, on or before April 30, 2016 to the Director (Admissions), Manipal University.

Applications would be processed as and when received and shortlisted candidates would be called for a group discussion & personal interview (GD & PI) of which there may be more than one rounds.

#### Counseling, Hostels:

For details, visit website www.manipal.edu

Fees, Refund Rules: Refer Section 2

Laptop will be provided to the enrolled students.

Last date for receipt of application: 30.04.2016.

Commencement of Classes: 04.07.2016.

# Department of Commerce

Department of Commerce (DoC) was established in the year 2007 with the launch of its flagship undergraduate programme specializing in e-Banking & Finance. The department subsequently introduced three more innovative specializations in the undergraduate programme namely Financial Markets, Management Accounting (Professional) and Logistics & Supply Chain and also started Masters programme in Commerce (M.Com) specializing in Logistics & Supply Chain. During the academic year 2015-16, Department has launched five new specializations namely Marketing, Human Resources, Insurance and Risk Management, Family Business Management and Hospitality & Tourism. The department has also introduced Bachelor of Commerce (B.Com) programme namely B.Com (Professional) and B.Com (Business Process Services) and one year Post Graduate Diploma (PGD) in Logistics & Supply Chain. The department plans to start two new postgraduate courses M.Com (Professional) and M.Com (Banking Technology) from the academic year 2016-17.

The academic curriculum of these programmes is administered through a pedagogy combining classroom lectures coupled with frequent industry interactions which help the students get a practical perspective along with theoretical inputs.

#### Advantage DoC

Course curriculum of all these programmes cover major operational aspects of respective domains and provides a strong foundation in the core areas. The department believes in constantly upgrading its curriculum and pedagogy to meet the changing needs of the Industry. The curriculum of its undergraduate programme is designed to facilitate the students in pursuing their higher education such as MBA, CIMA, CFA, CA, CPA, ACCA etc. in India and abroad. The curriculum is implemented by competent faculty having extensive research and industry experience. The department has academic collaboration with Massey University, New Zealand, University of Cincinnati, USA, University of South Florida, USA and University of Applied Sciences, Utrecht, Netherlands. It is exploring various academic exchange programmes with other leading foreign universities in Australia, New Zealand, UK, US, Europe and Argentina. Department has tied up with Manipal Global Education (MaGE) Bangalore and National Stock Exchange (NSE) Mumbai to deliver various certification programmes on Stock Markets for the students of the department as well as for the various constituent Institutions of Manipal University and other neighboring institutions. Also, the department has tied up with Confederation of Indian Industry (CII) Institute of Logistics, Chennai for the course M.Com (Logistics and Supply Chain).

DoC focuses on continual improvement in pedagogy by introducing innovative methodologies of knowledge dissemination. Several of its graduates in the past have qualified for the Master's program in Business Administration in various reputed management institutes in India and abroad. The post-graduate programmes, M.Com, (Logistics and Supply Chain) & Post Graduate Diploma in Logistics & Supply Chain are designed to cater to the ever-growing requirements of trained professionals in the domain of Logistics & Supply Chain. Two students from the Department of Commerce have received Erasmus-Mundus scholarship for pursuing higher education in Europe in the year 2014. This is a prestigious scholarship for students of SAARC countries to study in Europe. The department provides opportunities for eligible students to intern and start their career with leading corporates. Students of the Department have also bagged national and international placement in reputed organizations.

#### Highlights

#### BBA (e-Banking & Finance)

- The programme involves a unique blend of practical training and academic rigor which helps in building up a force of young managers with capability to handle the challenges of the banking and financial sector from day one.
- It will help to build managerial and leadership competencies to function effectively and efficiently in the field of banking and finance.
- The course will help in understanding the nuances of the banking and financial sector in greater detail so as to provide a competitive edge in the job market.

#### **BBA** (Financial Markets)

- There is a growing demand for qualified professionals in the financial markets thereby providing attractive placement opportunities in this sector.
- Savings in terms of cost & time for the students by providing training for certification in the relevant areas from AMFI, NCFM etc.
- Practical orientation through extensive workshops organized in association with Manipal Global Education Services (MAGE) and National Stock Exchange (NSE)

#### **BBA** (Professional)

- On completion of this programme and certification from Chartered Institute of Management Accountants (CIMA), UK, students will have attractive placement opportunities with reputed organizations as there is a huge demand for CIMA certified professionals. CIMA certified professionals work in Industry, Management Consultancies, Banks and Not for Profit and Public Sector Organizations.
- Savings in terms of time for the students. They need not attend study centre contact classes separately.
- Cost effective for the students. No additional cost for study center support.
- Practical orientation from extensive industry interaction organized in association with CIMA, U.K.

#### BBA (Logistics & Supply Chain)

- Logistics & Supply Chain Management is about integrating various functions in an organizational setup and developing efficiency & effectiveness in operations. The course ensures that the student adopt multi- dimensional approach while integrating the key functions.
- The department has constant curriculum design support from the Confederation of Indian Industry (CII). Sharing of Industry resources ensures holistic development of students.
- Attractive career and education opportunities across the globe

#### BBA (Human Resources) / BBA (Marketing)

- Programme design based on industry inputs and focussed on creating skilled business professionals to support HR/Marketing functions.
- Employment opportunities in Marketing & HR Functions in India & Abroad.
- Foundation for facilitating progression to Postgraduate programs in India & Abroad.

#### BBA (Hospitality and Tourism)

- It is a multidisciplinary field of study aimed at preparing candidates for this challenging industry that provides food, accommodation and tourism services. The specialization draws upon a wide range of basic disciplines to provide the fundamental knowledge and skills that are required to fulfill the diverse demands placed upon individuals in management positions within the hospitality industry.
- The program is designed to meet the needs of a dynamic sector, it blends a core of business and management studies with specific, specialized subjects that draw on various aspects of hospitality and tourism to facilitate detailed appreciation of the unique features and challenges of the hospitality and tourism industries.

#### BBA (Insurance and Risk Management)

Insurance and Risk management is an area with huge potential. The programme is designed in such a way that it covers all aspects of insurance, both general and life. Subjects such as insurance accounting, mathematical basis of life insurance, legal aspects and risk management using insurance products gives the students a complete coverage in the area of insurance and prepares them for a career in the Insurance sector. The curriculum also facilitates progression to Masters Level in India and Abroad apart from registering for professional certifications.

#### BBA (Family Business Management)

This programme draws 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. The programs offers diverse learning opportunities through industry interventions and experiential learning.

This three year comprehensive program will enable the students to understand, to perform and to grow, in ever-changing marketplace and create wealth for their family and society in general.

The course also offers the students an opportunity in International business exploration, networking and mentoring from some of the most successful second and third generation entrepreneurs.

#### B.Com (Professional)

This program focuses on developing proficiency in accountancy, taxation and finance. The programme facilitates students to pursue higher education in Management/Commerce and also in pursuing professional qualification such as CA, ACCA etc. The program aims at developing Accountancy and Finance professionals to meet the industry requirements in these areas.

#### B.Com (Business Process Services) (BPS)

This program is a result of the academic-industry tie up between Department of Commerce, Manipal University and Business Process Services (BPS) unit of Tata Consultancy Services. The program is designed in consultation with TCS and incorporates specialized inputs related to the BPS industry. Apart from these inputs, the students get a good exposure in accounting, taxation, law and auditing subjects which will facilitate them to pursue any career in the field of Commerce and also in their progression to higher studies in India and Abroad. These students also have options to register for professional qualifications like ACCA, CIMA etc.

#### 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.
- Industry professionals/experienced academicians share their experiences with the students in the form of guest talks and seminars and thereby simulate real world experience in the classroom environment.
- The program develops trained manpower for logistics and supply chain functions. The course content is developed as per the industry requirements. It gives an opportunity for capstone projects with industry exposure in Logistics and Supply Chain. The program also offers opportunities to pursue additional certification programs and workshops related to logistics and supply chain. Candidates have opportunities to pursue career in India and abroad.

#### M.Com (Professional)

The services sector in India is witnessing exponential growth driven by the concept of 'shared services'. Globally, firms are in the pursuit of providing value based services to clients without compromising on quality of service through rationalization of cost. This concept provides immense opportunities in the field of finance, accounting, legal aspects and auditing and reporting. Compliance to standards necessitates an integrated International Reporting system. The importance given to International Accounting Standards and International Financial Reporting is as a result of global integration of accounting, auditing and reporting principles. M.Com Professional is a two year Master's program that aims to tap opportunities in the field of Financial Accounting, Auditing skills and International Financial Standards fuelled by this huge opportunity. Consultancy firms engaged in the concept of shared services are deeply absorbed in hiring talent that suit their requirements in the domain of Accounting and Audit. This course is conceptualized to leverage the prospects available in this specialized area. This course will adopt an Applied learning approach for students through capstone projects in leading firms engaged in Business Consultancy, Shared Services and Research Projects.

#### M.Com (Banking Technology)

Keeping in perspective, the changing landscape in the Banking sector in India and Abroad, the department has introduced this programme to meet the growing trained manpower needs of this sector. All key features of present day banking which includes the basic Banking Operations, Credit Management, Risk Management, International Banking, Legal Aspects and Technology Applications are covered in the programme. The programme will be administered through a blend of classroom lectures, research assignments, internships and training on software applications.

#### Post Graduate Diploma (Logistics & Supply Chain)

- This Program develops trained manpower for logistics and supply chain functions .
- The course content was developed as per industry requirements with provision for Capstone project with industry exposure in respective domains.
- The Program also offers opportunities to pursue additional certification programs and workshops related to Logistics and Supply chain.
- Candidates have opportunities to pursue career in India and Abroad.
- The programme provide opportunities for Training, Internships and Placements.

#### Research Excellence in Numbers

From its inception the department has laid stress on research initiatives which is evident from the number of publications, conference presentation, seminars and workshops.

From 2007 Onwards	
Publications in Journals/others	42
Conference Presentations	122
Seminars/Guest Talks	102
Workshops/Certificate programs	55

#### Training, Internships and Placements

#### **Placement Record:**

The Department of commerce has an active Placement Cell which aims to place students in companies with high employer reputation. Besides, the Placement Cell also provides internship assistance to students who undergo project study and promotes practical learning approach in the form of Industrial visits.

The year 2014-15 has been an eventful year for the Placement cell of the Department, with students being offered jobs in top companies like Blue Dart, Tricon Energy, Goldman Sachs, Northern Trust Bank, Tata Consultancy Services and Larsen & Toubro.

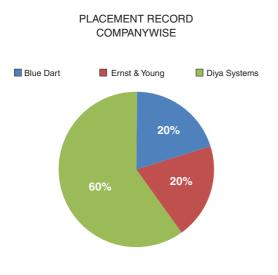
#### Internships:

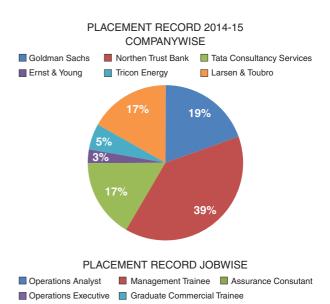
Students are also provided with internship support by the placement cell. An intensive on-the-job internship program provides practical orientation to the students for a period of 6-8 weeks. Such an opportunity supplements theoretical knowledge with practical exposure.

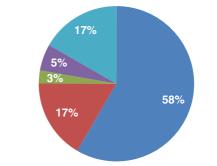
#### Academic Tie up:

The academic quality of the students has been favourably considered by the hiring companies to initiate the academicindustry tie up. Tata Consultancy Services with its Business Process Outsourcing unit was the first company to initiate an academic tie up, which has resulted in the launch of the first undergraduate industry linked course B.Com (BPS). Similar proposal has been mooted by Ernst & Young (EY), Kochi for the BBA and B.Com professional course.

M.Com Logistics and Supply Chain







#### Academic Collaboration

The department has academic collaboration with the following Universities of repute:

- Massey University, New Zealand,
- University of Cincinnati, USA
- University of South Florida, USA
- University of Applied Sciences, Utrecht, Netherlands

Department is exploring various academic exchange programmes with leading foreign universities in Australia, New Zealand, UK, US, Europe and Argentina.

Department has tied up with Manipal Global Education (MaGE) Bangalore and National Stock Exchange (NSE) Mumbai to deliver various certification programmes on Stock Markets for the students of the department as well as for the various constituent Institutions of Manipal University and other neighboring institutions.

Department has tied up with Confederation of Indian Industry (CII) Institute of Logistics, Chennai and introduced the course M.Com (Logistics and Supply Chain). This forum also provides custom made certification programs on logistics and supply chain apart from regularly organizing guest talks and workshops on the related field.

#### Quotes from alumni

The Department of Commerce (DoC) gave me an opportunity to prove myself and realize what I had in me. DoC provided the right environment for students to realize their potentials. It is a melting pot of cultures where students of various races and culture congregate to learn the nuances of business. The vibrancy in the department was not only because of the students but also the faculty which guided us ably during the entire curriculum of the course. Most of us started at DoC not knowing where to go but the college helped us discover our path. The campus placements at DoC were the best part of our stay there and DoC has a very bright future. Last but not the least DoC is headed by a person who is concerned and very humane.

Shiraz Munawar Hassanali (2011-14 batch), Tanga Tanzania

"You don't usually join a college and get a chance to follow what your heart desires. It's a set curriculum and you get your degree and you leave. Now here's DoC which has a curriculum, but gives you immense exposure and support to follow your heart. The ambience to learn, the enthusiastic and ever supportive faculty always have the time to help you go and achieve your dream. End of the day, it's all up to you to decide and choose what you want to follow. I'm glad to be a part of this great Institution which taught me to think big and out of the box and to never give up on my dreams. Three years ago, I would never have never expected to be where I am today and I have to thank my friends and DoC for making me the person I am today."

Gerald N Operations Analyst, Goldman Sachs



## Courses offered

# Bachelor of Business Administration BBA

- e-Banking & Finance
- Financial Markets
- Professional
- Logistics & Supply Chain
- Human Resources
- Marketing
- Hospitality and Tourism
- Insurance and Risk Management
- Family Business Management

Duration: 3 years (6 semesters)

#### Eligibility

Citizenship: Indian nationals.

Qualification: Pass in 10+2, A Level, IB, American 12th grade or equivalent with a minimum of 50% marks in aggregate.

#### Admissions

General Category: Admissions are done on the basis of rank in the All India Manipal University Online Entrance Test (MU-OET) 2016.

Foreign/NRI Category: Candidates desirous of applying under this category can write to foradmission@manipal.edu or call + 91 820 2571000/2922400. For online application and details visit : www.manipal.edu/intlug

Note: Candidates can apply both under General and Foreign/NRI categories. Change of category from Foreign/NRI to General after admission will not be entertained under any circumstances. The application material given along with this prospectus can only be used to apply for General Category.

Entrance Test, Counseling, Hostels For details, visit website www.manipal.edu

Course Fees, Hostel Fees, Refund Rules: Refer Section 2

Last date for receipt of application: 21.03.2016

Commencement of Classes: 15.07.2016

# Bachelor of Commerce B.Com

#### • Professional

• Business Process Services (BPS)

Duration: 3 years (6 semesters)

#### Eligibility

Citizenship: Indian nationals.

Qualification: Pass in 10+2, A Level, IB, American 12th grade or equivalent with a minimum of 50% marks in aggregate.

#### Admissions

General Category: Admissions are done on the basis of rank in the All India Manipal University Online Entrance Test (MU-OET) 2016.

Foreign/NRI Category: Candidates desirous of applying under this category can write to foradmission@manipal.edu or call + 91 820 2571000/2922400. For online application and details visit : www.manipal.edu/intlug

Note: Candidates can apply both under General and Foreign/NRI categories. Change of category from Foreign/NRI to General after admission will not be entertained under any circumstances. The application material given along with this prospectus can only be used to apply for General Category.

Entrance Test, Counseling, Hostels For details, visit website www.manipal.edu

Course Fees, Hostel Fees, Refund Rules: Refer Section 2

Last date for receipt of application: 21.03.2016

Commencement of Classes: 15.07.2016

#### Master of Commerce M.Com

- Logistics & Supply Chain
- Professional
- Banking Technology

Duration: 2 years (4 semesters)

#### Eligibility

Citizenship: Indian nationals can apply under the General Category. Foreign nationals or Non Resident Indians or Indian nationals supported by NRI relatives can apply under the Foreign/NRI Category.

Qualification: The candidate must have a bachelor's degree in Management or Commerce from a recognized university with a minimum of 50% marks in aggregate.

#### Admissions

General/Foreign/NRI Category: Admissions are done on the basis of marks obtained in the qualifying Examination and performance in screening test & interview conducted at the department.

Note: Candidates can apply both under General and Foreign/NRI categories. Change of category from Foreign/NRI to General after admission will not be entertained under any circumstances. The application material given along with this prospectus can only be used to apply for General Category.

#### Merit List, Counseling, Hostels

For details, visit website www.manipal.edu

Course Fees, Hostel Fees, Refund Rules: Refer Section 2

Last date for receipt of application: 02.05.2016

Commencement of Classes: 15.07.2016

# Post Graduate Diploma in Logistics & Supply Chain

Duration: 1 year (2 semesters)

#### Eligibility

Citizenship: Indian nationals can apply under the General Category. Foreign nationals or Non Resident Indians or Indian nationals supported by NRI relatives can apply under the Foreign/NRI Category.

Qualification: The candidate must have a bachelor's degree in any discipline from a recognized university with a minimum of 50% marks in aggregate.

#### Admissions

General/Foreign/NRI Category: Admissions are done on the basis of marks obtained in the qualifying Examination and performance in screening test & interview conducted at the department.

Note: Candidates can apply both under General and Foreign/NRI categories. Change of category from Foreign/NRI to General after admission will not be entertained under any circumstances. The application material given along with this prospectus can only be used to apply for General Category.

#### Merit List, Counseling, Hostels

For details, visit website www.manipal.edu

Course Fees, Hostel Fees, Refund Rules: Refer Section 2

Last date for receipt of application: 02.05.2016 Commencement of Classes: 15.07.2016

# School of Communication

# #4

Ranked 4<sup>th</sup> among Top 10 Communication Institutes in India Source: Outlook Magazine, July 2014

# #1

Ranked 1<sup>st</sup> among Mass Communication Colleges in India based on factual ranking & No. 4 in overall Source: India Today, July 2013

# #5

Ranked 5<sup>th</sup> among Top Communication Colleges in India Source: Outlook Magazine, July 2015 School of Communication embodies the spirit of liberal democratic egalitarianism in education. Established in 1997, it has emerged as one of the premier communication, media and journalism institutes in the country, with an international reputation. The School is ISO 9001:2008 and ISO 14001:2004 certified.

The School offers a three-year degree course in BA (Media and Communication), a two year postgraduate degree in Communication, MA (Media and Communication), MA (Film Art and Film Making) [in collaboration with EICAR, France] Postgraduate diploma in Corporate Communication (PGDCC), B.Sc. Animation, Certificate Course in Animation (CCA).

The programs are designed to meet the specific requirements of a rapidly changing media scene. The communication education in the institute covers print, radio, television, new media, film studies, public relations, advertising, corporate communication, along with other related subjects. The program is ideal for those aspiring to build a career or propose to pursue higher education in the fields of journalism, media studies and corporate communications.

Basic training in reporting and writing for the media is integrated through the curriculum. All students receive theoretical and practical training in writing and reporting skills. Students work on an in-house publication wherein they gain hands-on training in reporting, writing, editing and page-designing skills and receive training in various kinds of computer and software tools essential for the modern media professional. Students are also introduced to the ethical and legal issues involved in media and communication work with a view to turning them into responsible professionals.

#### Advantage

School of Comminication is one of the very few institutes in the country offering full-fledged graduate and post-graduate programmes with advanced infrastructure, unique holistic curriculum, modern library, knowledgeable and experienced faculty, international exchange programmes, co-curricular activities (theatre, dance, music, cinema, literature, debate, nature, painting, clay modeling etc.) and a learning environment that encourages students to scale new heights in their areas of interest.

School of Communication is equipped with state-of-the-art Audio, Video and Computer Labs which are up to date with the industry standards, thus ensuring the students are trained to be industry ready professionals.

#### Student Exchange Programmes

Students can do electives within the country or abroad.

SOC has active Student Exchange Programmes with the following Universities:

- Hochschule Bremen University of Applied Sciences, Bremen, Germany
- Hanze University of Applied Sciences, Groningen, The Netherlands.
- Erasmus School of History, Culture & Communication, Erasmus University Rotterdam, The Netherlands.
- Hogeschool Utrecht, Utrecht University of Applied Sciences, The Netherlands.
- Volda University, Norway.
- Purdue University, Calumet, Indiana
- SciencesCom, Audencia Group, France

#### Research Excellence in Numbers

For the last 5 years	
Journal Publications	16
Conferences	03
Paper Presentations	47
Project Grants	10
PhD Registrations	08

#### Placements

Some of the reputed companies that recruited students from SOC include: Thomson Reuters, ViaCom 18, Wisden India, Perfect Relations, MSL, Genesis BurstonMarstellar, 20:20, Aim High, Text-100, TAFE, Global Delight Technologies, EDELMAN INDIA, TENET Advertising and Internal Communication, MAGE, Deccan Herald, COLOR DOPPLER, City Plus, Paradigm Plus Communications, Foofys Solutions Pvt Limited, Google, Green Peace, Velocity Brand Server Pvt Limited, DNA Events, 7TY7, Six Degrees PR and VGC Mumbai.

## **Courses offered**

#### Bachelor of Arts BA (Media & Communication)

Duration: 3 years

#### Eligibility

Citizenship: Indian nationals.

Qualification: Pass in 10+2, A Level, IB, American 12th grade or equivalent and a minimum of 45% marks in aggregate. Arts group subjects will be the preferred qualification.

#### **Admissions**

General Category: Admissions are done on the basis of rank in the All India Manipal University Online Entrance Test (MU-OET) 2016.

Foreign/NRI Category: Candidates desirous of applying under this category can write to foradmission@manipal.edu or call + 91 820 2571000/2922400. For online application and details visit : www.manipal.edu/intlug

Note: Candidates can apply both under General and Foreign/NRI categories. Change of category from Foreign/NRI to General after admission will not be entertained under any circumstances. The application material given along with this prospectus can only be used to apply under the General Category.

Entrance Test, Counseling, Hostels For details, visit website www.manipal.edu

Course Fees, Hostel Fees, Refund Rules: Refer Section 2

Last date for receipt of application: 21.03.2016

Commencement of Classes: 20.07.2016

#### **B.Sc. Animation**

Duration: 3 years

#### Eligibility

Citizenship: Indian nationals.

Qualification: Pass in 10+2, A Level, IB, American 12th Grade or equivalent.

#### Admissions

General Category: Admissions are done on the basis of marks obtained in qualifying examination and there is no entrance test.

Foreign/NRI Category: Candidates desirous of applying under this category can write to foradmission@manipal.edu or call + 91 820 2571000/2922400. For online application and details visit : www.manipal.edu/intlug

Note: Candidates can apply both under General and Foreign/ NRI category. Change of category from Foreign/ NRI to General after admission will not be entertained under any circumstances.

#### Merit List, Counseling, Hostels

For details, visit website www.manipal.edu

Course Fees, Hostel Fees, Refund Rules: Refer Section 2

Last date for receipt of application: 21.03.2016

Commencement of Classes: 20.07.2016

#### Master of Arts MA (Media & Communication)

#### Duration: 2 years

#### Eligibility

Citizenship: Indian nationals can apply under the General Category. Foreign nationals or Non Resident Indians or Indian nationals supported by NRI relatives can apply under the Foreign/NRI Category.

Qualification: The candidate must have a bachelors degree in any discipline from a recognised university and a minimum of 50% marks in aggregate.

#### Admissions

General Category: Admissions are done on the basis of rank in the All India Manipal University Online Entrance Test (MU-OET) 2016, Group Discussion and Interview.

Foreign/NRI Category: Admissions are done on the basis of marks obtained in the qualifying examination.

Note: Candidates can apply either under General Category or Foreign/NRI Category. Those submitting applications under both General and Foreign/NRI categories will be considered only under General Category. Change of category at a later stage will not be entertained under any circumstances.

Entrance Test, Counseling, Hostels For details, visit website www.manipal.edu

Course Fees, Hostel Fees, Refund Rules: Refer Section 2

Last date for receipt of application: 01.06.2016

Commencement of Classes: 20.07.2016

#### MA (Film Art & Film Making)\*

Duration: 2 years

#### Eligibility

Citizenship: Indian nationals can apply under the General Category. Foreign nationals or Non Resident Indians or Indian nationals supported by NRI relatives can apply under the Foreign/NRI Category. Qualification: The candidate must have a bachelor's degree in any discipline which is of 3 or more years of duration after 10+2 examination from a recognised university and a minimum of 50% marks in aggregate.

#### Admissions

General Category: Admissions are done on the basis of rank obtained in the All India Manipal University Online Entrance Test (MU-OET) 2016, Group Discussion and Interview.

Foreign/NRI Category: Admissions are done on the basis of marks obtained in the qualifying examination.

Note: Candidates can apply either under General Category or Foreign/NRI Category. Those submitting applications under both General and Foreign/NRI categories will be considered only under General Category. Change of category at a later stage will not be entertained under any circumstances.

#### Entrance Test, Counseling, Hostels

For details, visit website www.manipal.edu

Course Fees, Hostel Fees, Refund Rules: Refer Section 2

Last date for receipt of application: 01.06.2016

Commencement of Classes: 20.07.2016

# PG Diploma in Corporate Communication

Duration: 1 year (2 semesters)

#### Eligibility

Citizenship: Indian nationals can apply under the General Category. Foreign nationals or Non Resident Indians or Indian Nationals supported by NRI relatives can apply under the Foreign/NRI Category.

Qualification: The candidate must have a bachelor's degree in any discipline which is of 3 or more years of duration after 10+2 examination from a recognised university and a minimum of 50% marks in aggregate.

#### Admissions

General Category: Admissions are done on the basis of marks obtained in the All India Manipal University Online Entrance Test (MU-OET) 2016, Group Discussion and Interview.

\*Students can do their project work within the country or abroad.

Foreign/NRI Category: Admissions are done on the basis of marks obtained at the qualifying examination.

Note: Candidates can apply either under General Category or Foreign/NRI Category. Those submitting applications under both General and Foreign/NRI categories will be considered only under General Category. Change of category at a later stage will not be entertained under any circumstances.

Entrance Test, Counseling, Hostels For details, visit website www.manipal.edu

Course Fees, Hostel Fees, Refund Rules: Refer Section 2

Last date for receipt of application: 01.06.2016

Commencement of Classes: 20.07.2016

# Certificate Course in Animation Technology

Duration: 6 months, part-time.

#### Eligibility

Candidates with a pass in 10+2 or those pursuing BSc with Mathematics as one of the subjects or students of 3 years Diploma in Engineering. Computer knowledge, proficiency in Mathematics and good communication skills are essential.

#### Admissions

Admissions are done on the basis of marks obtained in the qualifying examination.

#### Merit List, Counseling, Hostels

For details, visit website www.manipal.edu

Course Fees, Hostel Fees, Refund Rules: Refer Section 2

Last date for receipt of application: 30.06.2016

Commencement of Classes: 03.09.2016



# Department of Geopolitics & International Relations

The Department of Geopolitics & International Relations runs a two year Post Graduate programme in Geopolitics and International Relations. The teaching has been introduced in addition to its ongoing policy and academic research on both National and International security issues. The department, in addition to conducting research and teaching has also initiated a number of track two dialogues on international security issues with the USA, China, Israel, Iran and many others.

#### Research Excellence (for last five years)

- Conducting Policy and Academic Research on Strategic Capabilities of China and Pakistan
- DAE Grant for India's option on the FMCT
- MAKAIAS grant for India's Foreign Policy Orientation in the New Regime
- Role of Technology in India's National Security
- China's Strategic Rise and Its Implications

#### Advantages

- It helps the students to 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

#### Collaborations & Partnerships

The Department has initiated collaboration and partnership with a number of think tanks including IDSA, NIAS, CAPS, MAKAIS in India working on national security issues and International Relations

#### Student Exchange Programs

The Department of Geopolitics and International Relations has evolved understanding with a number of universities in Europe. The students from the following universities have spent a Semester at the Department of Geopolitics.

- University of Warsaw
- Metropolitan University, Prague
- Aarhus University, Denmark

The Department of Geopolitics has signed MoU with the University of Miami and the American University in Washington, D.C for bilateral students and faculty exchange. There are a number of other universities in the US, UK, Singapore, China and Russia, which have shown a keen interest for collaboration with the Department.

There are a number of other universities in Europe including Metropolitan University, Prague at the Czech Republic and University of Warsaw where the department has been collaborating on the student and faculty exchange.

The research component mostly emphasizes on the Asia-Pacific region and the matters relating to international security. A number of publications have appeared on China's Rise and its implications.

100 percent placement after the completion of Masters Course in GIR in think tanks and research institute as strategic and policy analyst.

The department of GIR has been receiving students for a semester from its partnering institution in Europe.

The Department has initiated collaboration and partnership with think tanks in India working on national security issues. It has also initiated partnerships with a number of universities including University of Miami.

#### Placements

Think Tanks and Research Institutes of national repute

#### Quotes from alumni or students

"A perfect place for multi-disciplinary approach to the world issues and international relations in twenty first century".

> Anand V Ph.D. Candidate, Dept. of GIR, Manipal University

"Understanding the world through a holistic approach of India's National Interest has been the hallmark of my learning".

Vignesh Ram Ph.D. Candidate, Dept. of GIR, Manipal University

"The understanding of international issues moves beyond the text book and the unparalleled exposure provided through seminars and conferences is not found in any other Indian university".

#### Pravda P

Alumni of Dept. of GIR & currently Research Associate at the Centre for Air Power Studies, New Delhi.

"Enhancement of abilities in understanding international relations coupled with standards and values imparted enhanced my ability to comprehend, analyze and express my thoughts as a research scholar".

#### Asha Mary Mathew

Alumni of Dept. of GIR & currently Research Associate at the Centre for Air Power Studies, New Delhi.

"Contemporary curriculum in the present context of the international system with exposure in terms of internship in well-known think tanks makes the learning nostalgic".

#### Ramya P.S

Il Year Post Graduate Research Scholar, M.A. Dept. of GIR, Manipal University. "Realizing the area of interest in geopolitics and international relation in the best possible way has provided me a path to pursue for rest of the life".

> Vineeth Krishnan Il Year Post Graduate Research Scholar, M.A. GIR, Manipal University.

Internship at well known think tanks and research institutes working on international security issues. The students are sent to think tanks for two months and get practical experience of conducting research in a think tank environment.

## Courses offered

#### Master of Arts MA (Geopolitics and International Relations)

Duration: 2 years (4 semesters)

#### Eligibility

Citizenship: Indian nationals can apply under the General Category. Foreign nationals or Non Resident Indians or Indian nationals supported by NRI relatives can apply under the Foreign/NRI Category.

Qualification: The candidate must have a Bachelors Degree in any discipline from a recognised university with minimum of 50% marks in aggregate.

#### Admissions

General/Foreign/NRI Category: The students will be admitted after conducting viva-voce and group Discussion mainly to find their articulation style and awareness.

Note: Candidates can apply either under General Category or Foreign/NRI Category. Those submitting applications under both General and Foreign/NRI categories will be considered only under the General Category. Change of category at a later stage will not be entertained under any circumstances.

#### Merit list, Counseling, Hostels

For details, visit website www.manipal.edu

Course Fees, Hostel Fees, Refund Rules: Refer Section 2

Last date for receipt of application: 02.06.2016

Commencement of Classes: 13.08.2016

# Department of European Studies

The Department of European Studies (DES) was established in December 2009 with a funding from the Delegation of European Union to India and became the only such department in any private university in India. It has the endorsement of the Delegation of European Union to India and the support of European organizations and industries. It offers a multidisciplinary platform for studies in business and economics, history and international relations, law and governance, language, society and culture of European Studies, it also offers certificate courses in German and Spanish languages with native speakers as teachers.

It is a matter of pride that all the students of 2013-15 batch of MA European Studies were selected for scholarships and all the students of 2014-16 were selected for scholarships and fee waiver program to study a part of the program in European universities. Out of these, eleven have been selected for the prestigious Erasmus Mundus scholarships.

Overall, the Department has facilitated scholarships worth of around Rs 2.5 crore for student and staff mobility in its five years.

The Department also added another feather in the cap with its success in the application for a prestigious Jean Monnet Module on *Cultural Analysis and European Identity*. With this, Manipal University has become the only institution in the country to hold a Jean Monnet program. This makes DES a hub of European Studies activities in the entire south of India. For the coming academic years, DES has also been selected for the EU Erasmus + (credit mobility) scholarships for the students and staff exchange program with European partner universities.

#### Highlights

- Funding from the Delegation of European Union to India to the tune of € 299,000 in 2009
- Partnerships and MoU's with several universities in Europe for staff and student mobility
- Erasmus Mundus and now Erasmus+ and other European scholarships
- Holds a Jean Monnet Module on Cultural Analysis and European Identity
- Referred to as a Centre of Excellence by the First Counselor Political Affairs – the Delegation of European Union to India in 2015

#### International collaborations

The most important feature of studies at DES is that every student is offered with many opportunities to study a part of the program in partner universities in Europe and possibly with scholarships. Memoranda of Understanding signed with some of the partner universities allow students to study a semester or more with scholarships or atleast a complete fee waiver. These exchanges provide them with hands-on cultural and learning experience. Some of the partner universities are:

- Hochschule Bremen University of Applied Sciences, Germany
- European School of Business Reutlingen University, Germany
- Universite de Province Aix-Marseille I, France
- University of Latvia, Latvia
- Metropolitan University Prague, Czech Republic
- Aarhus University, Denmark
- University of Warsaw, Poland
- University of Milano, Italy
- Universidad de Castilla-La Mancha (UCLM), Spain
- Lancaster University, United Kingdom
- KU-Leuven University, Belgium
- Universite Lumiere Lyon 2, France
- Maastricht University, The Netherlands
- Hogeschool Utrecht, The Netherlands
- University of Salzburg, Austria

#### **Programs Offered**

- MA (European Studies) (one year of study in Manipal; possibility of second year of study in Europe)
- Certificate Courses in German
- Certificate Courses in Spanish

#### **Program Description**

#### MA (European Studies)

MA European Studies is a two-year master program with an opportunity to study a part of the program in one of the partner universities in Europe. This multidisciplinary program is designed to train students in various aspects of European studies; economic, political, socio-cultural and developmental. The program is also designed to prepare students for overseas, particularly European, work environment by training them rigorously in European languages like French and German apart from the cultural learning that is embedded in the program throughout.

As this is a niche program with students from diverse backgrounds, it begins with a three-week Immersion Program that introduces students to different ideas about Europe. This helps them to make a reasoned choice of the language they plan to study for two years – French or German.

#### **Program Objectives**

- To prepare participants to take up challenges of working in different cultures in the globalized world
- To offer good conceptual understanding of various aspects of European studies like EU institutions, policy making, governance and economic and socio-cultural fabric of Europe
- To provide a good understanding of European history, culture, business environment and practices to participants
- To enhance the intercultural competence of students by training them in a few European languages and cultures along with them

#### **Program Highlights**

- Scholarships to study second year in Europe
- Visiting faculty from the European universities
- Hands-on cultural training with one year of study possibly in Europe
- Opportunity to learn two international languages French and German
- Specially designed curriculum with scope for further specialization
- State-of-the-art facilities for training
- International learning environment
- Program structure, credits and academic calendars that match European systems
- International career prospects

#### **Career Prospects**

- EU Institutions
- International organizations
- Industries originating or operating in Europe
- NGOs and other not-for-profit foundations
- Embassies and ministries all over the world
- Cultural organizations
- Education and Research institutions
- Translation and interpretation industry
- Legal consultancy (with specific focus on European law)
- Political parties, foundations and associations
- Media, journalism and publication fields

#### Quotes from alumni or students

"This is a program that is pretty unique in its nature and diverse in terms of its coursework. The first semester gives you very basic general idea about Europe, aspects which make the course exciting. Second semester is more specific depending on the specialization. Having received the Erasmus Mundus scholarship, which covers the airfare, health insurance and a stipend of 10000 Euros for 10 months, I feel this is one of the most promising and thrilling features of this program. It gives you a chance to travel across Europe with some savings out of the scholarship. I believe it is definitely a worthy experience to study out of scholarship, live on your own and explore so much. Lastly, I would say what this course does is, it orients you to a lot of aspects about Europe in its first year itself, so much so that you are almost prepared to land and live that in Europe."

#### Pranjali Kirloskar

(MA European Studies graduate who studied part of the program at Leiden University, The Netherlands with Erasmus Mundus scholarships)

MA European Studies is a distinctive multidisciplinary program which gives you an inclusive understanding of economic, political and cultural aspects of European integration. What I liked most about the program is faculty members most of whom come from different parts of Europe. It also provides an opportunity to learn a foreign language facilitating interactions with European natives that help us in understanding the cultural differences and similarities. The course offers a chance of studying second year of Masters in Europe with a firsthand exposure to Europe. I feel, this program is designed keeping in mind today's age of globalization to prepare students for cross-cultural work environments.

#### Tejaswini Ahuja

(MA European Studies student 2015-17)

# Courses offered

#### Master of Arts MA (European Studies)

Duration: 2 years (4 semesters)

#### Eligibility

Citizenship: Indian nationals can apply under the General Category. Foreign nationals or Non Resident Indians or Indian nationals supported by NRI relatives can apply under the Foreign/NRI Category.

Qualification: The candidate must have passed bachelors degree in any discipline with a minimum of 50% marks in aggregate.

#### **Admissions**

General/Foreign/NRI Category: Admissions are done on the basis of marks obtained in the qualifying examination and personal interview by the Department.

Note: Candidates can apply either under General Category or Foreign/NRI Category. Those submitting applications under both General and Foreign/NRI categories will be considered only under the General Category. Change of category from Foreign/NRI to General after admission will not be entertained under any circumstances.

#### Counseling, Hostels:

For details, visit website www.manipal.edu

Course Fees, Hostel Fees, Refund Rules: Refer Section 2

Last date for receipt of application: 15.04.2016

Commencement of Classes: 08.08.2016



#### Language courses

The Department of European Studies (DES) in its efforts towards establishing a cultural connect between India and Europe has ventured into language courses. Certificate Courses in Spanish and German are offered at the Department. French is already offered by Alliance Francaise de Bangalore – The Manipal Chapter, which is housed in DES.

#### Certificate Course in Spanish

Certificate Course in Spanish is offered by DES from 2011 for students across disciplines in the University. This is offered in association with Universidad de Castilla-La Mancha (UCLM), Spain. A Memorandum of Understanding (MoU) signed with UCLM makes it possible for a native Spanish speaker to be here for a period of one year to teach interested students.

Spanish is offered at two levels; level A1 and level A2 according to the Common European Framework of Reference for Language Learning and Teaching (CEFR). There are two batches; weekday batch and weekend batch. Students can opt for either of these batches based on their convenience. For level A1, five hours of classes are conducted every week for a period of three months (a total of 60 hours).

For level A2, seven hours per week of classes are conducted for a period of four months (a total of 90 hours). From a communicative, action-oriented approach, the course has been designed to develop the various basic language skills (speaking, writing, listening and reading), plus interaction and mediation, at each level.

#### Certificate Courses in German

DES also offers a Certificate Course in German Language. This course is structured according to Common European Framework of Reference for Language Learning and Teaching (CEFR).

The course level A1 is designed to make students competent in the fundamentals of the language and to develop basic communication skills (speaking, writing, listening and reading). It also emphasizes on the lexical, grammatical and sociocultural contents and enables to interact with at the beginner's level. It involves six hours per week of classes for 14 weeks.

The course level A2 touches upon the intricacies and nuances of the language at an intermediate level. At this level, students will acquire competencies in formal communication (common phrases, writing formal e-mails, etc.), practice of day-to-day usage of the language as well as understanding intercultural communication that helps to deal with people and language. It involves eight hours per week of classes for 16 weeks.

# Department of Philosophy & Humanities

The Department of Philosophy and Humanities began functioning from 2010. This department was established to not only promote humanities and liberal arts education at Manipal University, but also to establish a world-class department for teaching and research in philosophy and humanities. From 2012, this department has been established as a **Centre for Excellence**, characterized by the innovation and uniqueness of the programs, as well as the effectiveness and national and international visibility of its members.

The Centre for Excellence strives to:

- Catalyze the study and dissemination of Indian philosophical and cultural traditions through programs that capture the attention of the best Universities around the world
- Enable rigorous study of contemporary Philosophy, Literature, Social Science, Arts and Interdisciplinary Studies
- Establish a strong tradition of Humanities, Literature and Social Science that engages with other disciplines and society in a meaningful manner

#### Collaboration and Outreach

The department has research and academic collaboration with National and International Academic Institutions from India, Canada, Europe, Australia, Singapore and the USA.

- Princeton University
- Sutasoma Trust, London
- Social Sciences and Humanities Research Council of Canada (SSHRC)
- Situating Science Strategic Knowledge Cluster, Canada comprising of major Canadian Universities
- Association for Logic in India
- Ninasam, Heggodu
- Attakkalari Centre for Movement Arts, Bangalore

#### Research

The faculty at this department are engaged in real-time research and writing in interdisciplinary fields such as Indian & Western philosophy, Philosophy of Science & Social Sciences, Anthropology, Sociology, Environmental Philosophy, Indian Literature, Political Philosophy, Linguistics and Philosophy of Language and Translation studies. They have published extensively, in both national and international journals.

#### Sample Research Publications

- Meera Baindur, Nature in Indian Philosophy and Cultural Traditions, Springer, 2015.
- Nikhil Govind, The Revolutionary in the Hindi Novel, Routledge, 2014.
- Sundar Sarukkai, The Cracked Mirror: An Indian Debate on Experience and Theory (co-authored with Gopal Guru), Oxford University Press, 2012.
- Sundar Sarukkai, What is Science? National Book Trust, 2012.

#### Quotes from alumni or students

"I have to say that I do not know another Masters program in India--and few elsewhere--that is working so hard and so creatively on behalf of humanities education".

> Prof. Sheldon Pollock Columbia University, USA

"MCPH has an international reputation because of its extraordinary faculty... Our department reached out to form an international network with MCPH because their research represents the future of humanities and social sciences not only in India, but in the world".

Prof. Carolyn Rouse Department of Anthropology, Princeton University, USA

"I have taught literature all my life in Indian and foreign Universities. Nowhere in my experience philosophy and social sciences were taught in an interdisciplinary way except in this school".

> Prof. U.R. Ananthamurthy, Kannada writer and Jnanpith awardee

"The learning at MCPH is not just within the classroom, the entire environment surrounding the Centre is designed to facilitate conversations about new ideas with peers and faculty. The writing-intensive approach of the course encourages us to apply concepts discussed in the classroom to our individual areas of interest. This gives us the space to develop in our individual research fields, while constantly discovering new ideas".

> Chitralekha Manohar 3rd Semester, MA English, 2013

### **Courses offered**

#### Master of Arts MA

- MA (Philosophy)
- MA (English)
- MA (Sociology)

#### Duration: 2 years (4 semesters)

- Unique interdisciplinary program
- Includes training in critical and creative thinking, academic writing and research
- Emphasis on learning of foundational concepts
- Submission of original MA thesis in the fourth semester

#### Eligibility

Citizenship: Indian nationals can apply under the General category. Foreign nationals or Non Resident Indians or Indian nationals supported by NRI relatives can apply under the Foreign/NRI Category.

Qualification: The candidate must have passed bachelors degree in any discipline from a recognised university with a minimum of 55% marks in aggregate.

#### Admissions

General Category: Admissions are done on the basis of Bachelors marks, a 1500 word Statement of Purpose and an interview.

Foreign/NRI Category: Admissions are done on the basis of qualifying examination. A 1500 word Statement of Purpose and an interview are also required.

Note: Candidates can apply either under General Category or Foreign/NRI Category. Those submitting applications under both General and Foreign/NRI Categories will be considered only under the General Category. Change of category at a later stage will not be entertained under any circumstances.

#### Merit list, Counseling, Hostels

For details, visit website www.manipal.edu

Course Fees, Hostel Fees, Refund Rules: Refer Section 2

Last date for receipt of application: 02.05.2016

#### Commencement of Classes: 01.08.2016

All copies of application (marks, statement of purpose) should also be sent to the following id:

mcphadmissions@gmail.com. Queries about procedures can also be sent to this id. Please visit our website to keep updated. Please visit our MCPH blog to have an idea of our activities and syllabi.

#### **Integrated MA - PhD**

Duration: 5 years

#### Eligibility

Student should first be admitted to the MA course and should maintain the required eligibility GPA.

Citizenship: Indian nationals can apply under the General category. Foreign nationals or Non Resident Indians or Indian nationals supported by NRI relatives can apply under the Foreign/NRI Category.

Qualification: The candidate must have passed bachelors degree in any discipline from a recognised university with a minimum of 55% marks in aggregate.

#### Admissions

General /Foreign/NRI Category: : Admissions are done on the basis of marks obtained in the qualifying examination and personal interview for the MA. For the PhD program, a presentation on the research topic is included.

Note: Candidates can apply either under General Category or Foreign/NRI Category. Those submitting applications under both General and Foreign/NRI Categories will be considered only under the General Category. Change of category at a later stage will not be entertained under any circumstances.

Last date for receipt of application: 02.05.2016

Commencement of Classes: 01.08.2016



# Manipal Centre for Natural Sciences

The Manipal Centre for Natural Sciences (MCNS) was created under the Manipal Research Group (MARG) to nurture fundamental research in the Natural Sciences and grow into a hub of excellence within Manipal University. Starting operations in 2012, the fledgling MCNS came into its own as a Centre of Excellence under Manipal University. It is one of the first dedicated "all-research" Centres to be started within a University.

From its inception, a unique and vibrant academic program has been initiated and integrated with existing research at partner institutions in India and abroad. Building on its core strength in physics, MCNS has been expanding to other disciplines including, chemistry, computational sciences, pure mathematics, earth and planetary sciences as part of an ambitious mandate.

The Centre of Excellence wishes to initiate and promote pure research in forefront areas by encouraging independent and creative thought so essential to discovery in the pure sciences.

Degrees offered: MPhil (Natural Sciences); PhD.

#### Infrastructure:

#### High Performance Computer Cluster

A dedicated high performance computer cluster "Shakti" with fully parallel architecture is installed and in use by faculty and students in the diverse disciplines represented at MCNS. Computing power and performance are upgraded regularly.

#### Library

The Centre has a dedicated full service library to aid education and research. Situated in the right wing of the Dr. T.M.A. Pai Planetarium building, the library was opened to researchers in 2013 and is growing at a fast pace.It 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. Management is fully computerized using the EasyLib library management software and Turnitin, an internet based plagiarismprevention service created by iParadigms, LLC. It is a member of INFONET Digital library consortium and Developing Library Network (DELNET). Electronic public access catalog (EPAC) facility is available for the users on intranet.

#### Laboratories

Since the creation of MCNS in 2012, laboratory facilities for research have been added every year. Beginning with neutron physics and gamma spectroscopy (2013-2014) for neutron activation analysis, current facilities include the start-up of chemistry (2015). A unique astrophysics laboratory intended as a teaching aid includes a 12 inch telescope and peripherals such as a camera and grating.

#### Nuclear and Atomic Data Group

Scientists in the data group participate in evaluating and recommending the most precise nuclear and atomic data as part of an international network under the auspices of the International Atomic Energy Agency, Vienna, Austria. The immediate availability of a local repository of the best and most authoritative data provides the edge to researchers by improving the accuracy of calculations and is invaluable to the design and planning of new experiments and facilities.

#### Dr. T. M. A. Pai Planetarium at Manipal

The Dr T. M. A. Pai Planetarium is located on the banks of the beautiful Manipal Lake. The uniquely designed four level building is also home to MCNS. While the Planetarium itself is owned by the Manipal Institute for Development of Human Resources and operated on a not for profit basis, it is currently managed by the Manipal Centre for Natural Sciences. The integration of Planetarium activities with advanced research provides an exclusive focal point for science outreach at the forefront of contemporary thought. It is the only Planetarium in the country to co-exist within a research Centre at a prominent university.

Two 3 inch telescopes are in use for sky watching while binoculars also aid birders and naturalists. Amateur student groups are planned to encourage activities in bird watching, amateur astronomy, natural history, biodiversity and conservation of the Western Ghats. Students at MCNS are encouraged to participate in a host of extracurricular academic activities.

#### Academics and Research:

MCNS offers a variety of specialised courses at the advanced post graduate level intended to provide world class training towards an MPhil / PhD. Coursework is tightly integrated with research activities to facilitate on-the-job learning for a broad set of practical skills.

The MPhil and PhD degree is currently offered in the following fields:

#### Physics:

- Nuclear Physics
- Computational Reactor Physics
- Astronomy and Astrophysics
- Atomic Physics
- Cosmology, Gravitation and Early Universe Chemistry:
- Inorganic Chemistry
- Analytical Chemistry
- Mathematics:
- Algebraic Geometry

#### Research Excellence in Numbers

Last 3 years since start-up in 2012:	
No. of Research Scholars at the PhD level	1
No. of PhDs awarded	1
Postdoctoral Research Fellows	6
Total no. of Journal publications (top 5 journals in the field) -	34
National International	3 31
Books/Chapters published	2 books; 2 book chapters
Completed Research Projects	2
Ongoing Research Projects (grants from external agencies)	4
Research Projects (MCNS grants)	2
Grant funding proposals submitted	6
Research Grants	1,62,88,500 INR
Student projects: MSc./MTch. (completed)	12
Student projects: MSc./MTch. (on going)	8
Workshops/Seminars- Workshops Seminars & talks	43 3 40
Schools - Summer Research Internship Program (annual) School on Algebraic Surfaces	3 2 1

#### **Discovery:**

Researchers working in nuclear physics at MCNS have discovered new isotopes while the observational astrophysics group has found new celestial objects.

#### Advantages:

Research at MCNS is highly competitive and at par with the best national institutions in the country. In addition, research topics pursued in niche, emerging and inter-disciplinary areas at the forefront of contemporary fundamental research worldwide makes the Centre a unique research destination. MCNS also strives to create leaders in emerging fields by initiating research in subject areas pursued for the first time within the country. Students in nuclear physics will have the opportunity to conduct research at partner institutions abroad.

#### Collaborations & Partnerships:

MCNS has formal collaborations with:

- a) Helmholtzzentrum für Schwerionenforschung GmbH (GSI),Germany
- b) University of Giessen, Germany
- c) Joint Institute of Nuclear Research (JINR), Russia
- d) Fermi National Accelerator Laboratory (FNAL), USA
- e) Extreme Light Infrastructure Nuclear Physics (ELI-NP), Romania

# **Courses offered**

#### Master of Philosophy M.Phil (Natural Sciences)

Duration: 18 months (3 semesters)

#### Eligibility

Citizenship: Indian Nationals can apply under the General Category. Foreign nationals or Non Resident Indians or Indian nationals supported by NRI relatives can apply under the Foreign/NRI Category.

Qualification: Candidates with an MSc or MTech in the same or a related discipline are eligible and may apply.

#### Admissions

#### General/Foreign/NRI Category:

 Relevant documents to support application including a short covering letter by the candidate stating research interest to be sent

- 2. Minimum 2 Letters of recommendation to be sent separately by the person recommending. Recommendations may be solicited from those familiar with the applicants academic record and aptitude for research
- 3. Personal interview for short listed candidates

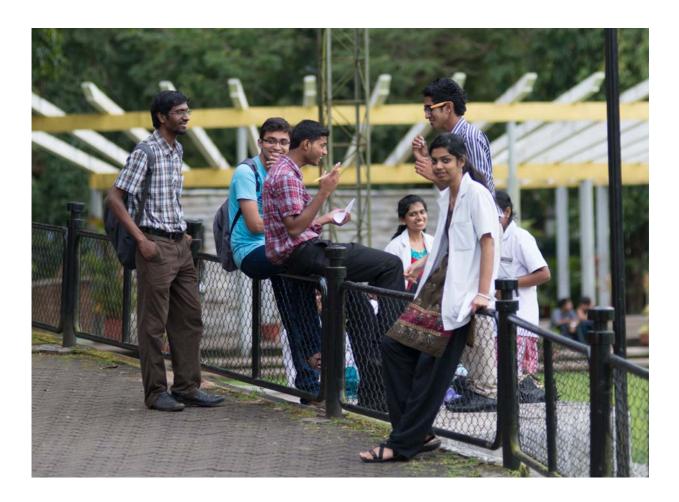
Note: Candidates can apply either under General or Foreign/NRI Category. Those submitting applications under both General and Foreign/NRI Category will be considered only under the General Category. Change of category at a later stage will not be entertained under any circumstances.

Selection Test, Merit List, Hostels For details, visit website www.manipal.edu

Course Fees, Hostel Fees, Refund Rules: Refer Section 2

Last date for receipt of application: 31.05.2016

Commencement of Classes: 01.08.2016



# Department of Atomic and Molecular Physics

The Department of Atomic and Molecular Physics, Manipal University is dedicated for advanced research and teaching. The department is on its way to becoming a hub 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 three post graduate programmes – M.Sc. Photonics, M.Sc. Nanoscience and Technology and M.Sc. Biophysics. 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 has also conducts certificate courses in Laser Applications in Medicine and Biology/Industry and in Nanoscience and Technology. Short courses of this kind which are application-oriented will be conducted regularly round the year.



#### Collaborations

- Tata Institute of Fundamental Research, Mumbai
- UM-DAE Centre for Excellence in Basic Sciences, Mumbai University
- Bhabha Atomic Research Centre, Mumbai
- Raman Research Institute, Bangalore
- University of Texas, San Antonio, USA
- Leibniz University of Hannover, Germany
- Boston University, MA, USA
- Fraunhofer Institute for Electronics and Nanosystem (ENAS), Chemnitz, Germany

#### **Research Activities**

Research and development programmes in the area of Laser Spectroscopy for biomedical applications 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.
- Spectroscopy of biological systems at cellular level using Optical Tweezers combined with Raman 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 using High Performance Liquid Chromatography Laser Induced Fluorescence Technique.
- Laser Induced Fluorescence studies of soft condensed matter.
- Development of laser spectroscopy based cancer screening devices.
- Crystallographic and spectroscopic studies of human arsenate reductases.
- Development of Surface Plasmon Resonance (SPR) based sensors.
- Upconversion and downconversion nanoparticle synthesis for bio-imaging applications.
- Development of nanoporous alumina material samples for bio-sensing applications.
- Development of Rapid pyrolysis method for nanostructures and thin films.

#### Research Excellence in Numbers

For the last 5 years	
Journal publications	60
Books published	01
Conference and presentations	81
Completed funded research projects	03
Research Grants	25 Million plus INR
PhD Awardees	02
Students projects: MDS, MTech, Msc and IAESTE	11
Workshops/Seminars	12
Ongoing Research Projects	11
Patents Filed	02

#### Placements

Passed out students are well placed in industries and research laboratories in and abroad to pursue their doctoral studies. Our students are placed at

- Heriot-Watt University, Edinburgh, Scotland
- National University of Ireland, Ireland
- National University of Singapore, Singapore
- Indian Institute of Technology, Madras
- Specialise Instruments, Mumbai
- BITS, Pilani
- Extreme Light Infrastructure European Project-Hungary
- Indian Institute of Science, Bangalore
- University of Zurich, Switzerland
- National Institute of Technology, Surathkal
- SAMEER, IIT Mumbai
- Tyndall National Institute, Cork Institute of Technology, Ireland.

#### 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.



One Day Symposium on Recent Advances in Photonics, 8th of August, 2015

We have frequent visit of renowned physicists working in various disciplines. Prof. Douglas D. Osheroff, Nobel Laureate, Prof. Sumio lijima, 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.



Visit of Prof. Kasturirangan to femtosecond laser laboratory

#### Quotes from alumni or students

"...During the course I was introduced to different laser systems and their application which seemed to have no bounds. Gaining research-based experience was the best thing that could happen to me during my course. The diverse applications of Photonics have further stimulated my interest to embark on a career in this path".

Arjun Nayak M.Sc. Photonics, 2013 Alumni Scientific Officer, Extreme Light Infrastructure, Hungary

"I always felt photonics is the extension of my bachelor course... I could see the possible outcomes of photonics in various fields. The curriculum designed in this course always kept me excited to learn new aspects. It fun learning about light and what it does to mankind. The guidance received by my faculty was the best. This guidance and their support motivated me to get my 4th semester project at K U Leuven university, Belgium. I am very much thankful to the Department of Atomic and Molecular Physics and SPIE Manipal University Chapter".

#### Uday B.M. Alumni, 2014 Ph.D. Scholar at Cork Institute of Technology, Ireland

"As a masters student I have got enormous exposure toward emerging research areas around the world by attending seminars, workshops, symposia organized by the department. In all aspects they have helped me gain focus. I am extremely pleased and content by choosing this course in this department. The department has helped me grow and learn, and build my career in nanoscience and technology".

> Pravin Patil M.Sc. Nanoscience and Technology (2014 batch)

I enjoyed this course because it deals with an emerging branch of science and technology. Its many practical applications make it an interesting one. At Department of Atomic and Molecular Physics, we get to work in a research environment which helps in acquiring hands-on experience with advanced LASER set-ups making it unique and exciting. As a fellow classmate often says: "Photonics; bringing light to our lives!

> Shraddha Rao M.S Research Scholar, Heriot – Watt University, UK

I was an ordinary village girl. I joined for the Master's programme for Photonics, and next thing is , I am here in Szeged, Hungary as a JRF.. My department made my dream come true. I owe it all to my department –Department of Atomic and Molecular Physics. The perfection in teaching, handling each student idea with care, giving attention and guidance for students' innovations, encouraging each one for his/her thinking!! What more does a student need than this..??

Harshitha S. Alumna, 2014 JRF at Extreme Light Infrastructure, Hungary

## Courses offered

#### Master of Science M.Sc. (Photonics)

Photonics is the science of generating, detecting and manipulating photons. Photonics has extensive applications in defense, energy, lighting technology, communications, health care, electronics etc. Scientists, Engineers and Technicians with relevant qualifications and experience in photonics are of great demand in today's techno-savvy world. Making a career in photonics is exciting and rewarding.

Duration: 2 years (4 semesters)

#### Eligibility

Citizenship: Indian nationals can apply under the General Category. Foreign nationals or Non Resident Indians or Indian nationals supported by NRI relatives can apply under the Foreign/NRI Category.

Qualification: Candidate should have Bachelor's Degree with a minimum of 55% marks in any of the following areas at the time of admission.

B.Sc. in Physics/Electronics/Applied Physics/Photonics B.Tech. in Electronics/Electrical/Material Science/Applied Physics.

#### Admissions

General/Foreign/NRI Category: Admissions are done on the basis of marks obtained in the qualifying examination and there is no entrance test.

Note: Candidates can apply either under General Category or Foreign/NRI Category. Those submitting applications under both General and Foreign/NRI categories will be considered only under the General Category. Change of category at a later stage will not be entertained under any circumstances.

#### Merit list, Counseling, Hostels

For details, visit website www.manipal.edu

Course Fees, Hostel Fees, Refund Rules Refer Section 2

Last date for receipt of application: 02.06.2016

Commencement of Classes: 08.08.2016

#### M.Sc. Nanoscience and Technology

Nanoscience and Technology is an interdisciplinary field with tremendous impact on our day to day life. It finds applications in medical sciences, biotechnology, pharmaceuticals, imaging technology, metallurgy and material science etc. Career in this emerging field has numerous promising opportunities in Industries, Academia, Research and Development organizations.

#### Duration: 2 years (4 semesters)

#### Eligibility

Citizenship: Indian nationals can apply under the General Category. Foreign nationals or Non Resident Indians or Indian nationals supported by NRI relatives can apply under the Foreign/NRI Category.

Qualification: Candidate should have Bachelor's Degree with a minimum of 55% marks in any of the following areas at the time of admission.

B. Sc. in Physics/Chemistry/ B. Tech. in Chemical Engineering/ Biomedical Engineering, Material Science/ Applied Physics.

#### Admissions

General/Foreign/NRI Category: Admissions are done on the basis of marks obtained in the qualifying examination and there is no entrance test.

Note: Candidates can apply either under General Category or Foreign/NRI Category. Those submitting applications under both General and Foreign/NRI categories will be considered only under the General Category. Change of category at a later stage will not be entertained under any circumstances.

#### Merit list, Counseling, Hostels

For details, visit website www.manipal.edu

Course Fees, Hostel Fees, Refund Rules Refer Section 2

Last date for receipt of application: 02.06.2016

Commencement of Classes: 08.08.2016

#### **M.Sc. Biophysics**

Biophysics is a bridge between biology and physics. Research and developments in the field of Biophysics is booming like never before. Each day sees biophysicists finding new avenues to explore and understand mechanism of biological systems. Understanding the dynamics of life at various levels is the key to many difficulties, be it in health science or environment.

Duration: 2 years (4 semesters)

#### Eligibility

Citizenship: Indian nationals can apply under the General Category. Foreign nationals or Non Resident Indians or Indian nationals supported by NRI relatives can apply under the Foreign/NRI Category.

Qualification: Candidate should have Bachelor's Degree with a minimum of 55% marks in any of the following areas at the time of admission.

B.Sc. Physics /Bio-informatics/ Biology (10+2 with mathematics) / Chemistry / Biotechnology / Biochemistry / B. Tech. Bioinformatics / Biotechnology / Industrial Biotechnology.

#### Admissions

General/Foreign/NRI Category: Admissions are done on the basis of marks obtained in the qualifying examination and there is no entrance test.

Note: Candidates can apply either under General Category or Foreign/NRI Category. Those submitting applications under both General and Foreign/NRI categories will be considered only under the General Category. Change of category at a later stage will not be entertained under any circumstances.

Merit list, Counseling, Hostels

For details, visit website www.manipal.edu

Course Fees, Hostel Fees, Refund Rules Refer Section 2

Last date for receipt of application: 02.06.2016

Commencement of Classes: 08.08.2016

# Certificate Course in Nanoscience and Technology

The course features include the basic understanding of nanoscience and technology, preparation and characterization of nanoparticles and their applications in: energy, medicine, pharmaceuticals science, biological sciences and biotechnology.

#### Duration: 3 months

#### Eligibility

Citizenship: Indian Nationals can apply under the General category. Foreign nationals or Non Resident Indians or Indian nationals supported by NRI relatives can apply under the Foreign/NRI category.

Qualification: Candidates with Bachelor's degree in any of the following disciplines: Science/Medicine/Engineering/ Nursing/Pharmacy/Allied Health (Students in the final year of their course are also eligible).

#### Admissions

General/Foreign/NRICategory: Admissions are done on the basis of marks obtained in the qualifying examination and there is no entrance test.

Note: Candidates can apply either under General or Foreign/NRI category. Those submitting applications under both General and Foreign/ NRI categories will be considered only under the General category. Change of category at a later stage will not be entertained under any circumstances.

#### Merit list, Counseling, Hostels For details, visit website www.manipal.edu

Course Fees, Hostel Fees, Refund Rules Refer Section 2

Last date for receipt of application: 10.08.2016

Commencement of Classes: September 2016 - November 2016

#### Certificate Course in Laser Application in Biology and Medicine

The course features include, fundamentals of Lasers, working principle and basic hardware of a laser system. It also gives introduction about different types of Lasers and their applications in Biology and Medicine.

Duration: 3 months

#### Eligibility

Citizenship: Indian Nationals can apply under the General category. Foreign nationals or Non Resident Indians or Indian nationals supported by NRI relatives can apply under the Foreign/NRI category.

Qualification: Candidates with Bachelor degree in any of the following disciplines:

Science/Medicine/Engineering/Nursing/Pharmacy/Allied Health (Students in the final year of their course are also eligible).

#### Admissions

General/Foreign/NRICategory: Admissions are done on the basis of marks obtained in the qualifying examination and there is no entrance test.

Note: Candidates can apply either under General Category or Foreign/NRI Category. Those submitting applications under both General and Foreign/NRI categories will be considered only under the General Category. Change of category at a later stage will not be entertained under any circumstances.

#### Merit list, Counseling, Hostels

For details, visit website www.manipal.edu

Course Fees, Hostel Fees, Refund Rules Refer Section 2

Last date for receipt of application: 20.01.2016

Commencement of Classes: February 2016 - April 2016

# Manipal College of Pharmaceutical Sciences (MCOPS)

MCOPS is an established name in pharmaceutical education with a strong focus on research and innovation.



www.manipal.edu/mcops

Ranked 1st among private pharmacy institutions in the country Source: Careers 360°, May 2015



#### Why should not MCOPS be your first choice?

Choosing a college to pursue one's education is as much important as choosing the programs. For anyone opting of 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 become a full-fledged college in the eighties. Then onwards the growth of the college has been phenomenal in materials and men. This fifty-three year-old institution has become the byword for quality education in pharmaceutical sciences from the diploma to postgraduate and doctoral programmes.

MCOPS boasts robust infrastructure and a seventy one 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 programmes. MCOPS has access to the clinical facilities of Kasturba Medical College Hospital.

Postgraduate teaching is facilitated through the conduct the 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 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)

#### Accreditations

- National Board of Accreditation (NBA)
- ISO 9001-2008 & 14001-2004

#### Advantages

**International collaborations:** To underscore global credentials, Manipal University and MCOPS have collaborated with foreign universities in all fields of study – engineering, medicine, 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.

**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

MCOPS is proactive in placing the students into positions of their preference. The institute has a well-organised placement team headed by a senior faculty member. There is a faculty coordinator from each department and also a student coordinator. On the average, over 10 companies visit MCOPS for campus recruitments every year.

There are world-class facilities and a business incubation centre at Manipal University – all these give students a head-start in life, and more.

#### Student Exchange Programmes

International Association for Exchange of Students for Technical Experience (IAESTE) for PG Projects.

#### **Research Excellence**

MCOPS provides ample scope to 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	614
Funds Received in ₹	More than 8 crores
Workshops/Conferences conducted	75
Patents	8

#### Quotes from alumni or students

"The core undergraduate training at MCOPS helped me get accepted at Oxford University and stay keep up with course demands".

Dr. Nisha Singh Post Doc at Oxford University, UK.

"On the dream run along my career path, as I look back, I always find the esteemed faculty at MCOPS my guiding light".

Anirban Roy Chowdhury

(BPharm (1996), MPharm (1998), Senior Director, Global Clinical Trial Operations, MSD (Merck) India.

"The education & training I got at MCOPS played a pivotal role in shaping my career path & the faculty continued to support me even beyond my MCOPS days. I am associated with the college even today at various levels & every time I visit my alma mater, I see innovative tools being implemented in teachinglearning & research programmes. The institution and faculty not only provide quality education and infrastructure but also install moral and ethical values among the students".

#### Dr Dinesh Shenoy

PhD (2000), Director – Pharma Research, Lupin Research Park, Pune

## **Courses offered**

#### BACHELOR OF PHARMACY (BPharm)

Duration: 4 years

#### Eligibility

Citizenship: Indian nationals.

Date of Birth: Only those whose date of birth falls on or before 31.12.99 are eligible.

Qualification: Pass in 10+2 examination with Physics, Chemistry and English with Mathematics or Biotechnology or Computer Science or Biology as optional subjects.

#### Admissions

General Category: Admissions are done on the basis of rank in the All India Manipal University Online Entrance Test (MU-OET) 2016. Foreign/NRI Category: Candidates desirous of applying under this category can write to foradmission@manipal.edu or call + 91 820 2571000/2922400. For online application and details visit : www.manipal.edu/intlug

Note: Candidates can apply both under General and Foreign/NRI categories. Change of category from Foreign/NRI to General after admission will not be entertained under any circumstances. The application material given along with the prospectus can only be used to apply under the General Category.

Entrance Test, Counseling, Hostels For details, visit website www.manipal.edu

Course Fees, Hostel Fees, Refund Rules Refer Section 2

Last date for receipt of application: 11.03.2016

Commencement of Classes: 01.08.2016

#### LATERAL ENTRY - BPharm

Duration: 3 years

Candidates are admitted directly to second year.

#### Eligibility

Citizenship: Indian nationals.

**Qualification:** Diploma holders in Pharmacy from an institution recognised by the Pharmacy Council of India.

#### Admissions

General Category: Admissions are done on the basis of marks obtained in the qualifying examination.

Foreign/NRI Category: Candidates desirous of applying under this category can write to foradmission@manipal.edu or call + 91 820 2571000/2922400. For online application and details visit : www.manipal.edu/intlug

Note: Candidates can apply both under General and Foreign/NRI categories. Change of category from Foreign/NRI to General after admission will not be entertained under any circumstances. The application material given along with this prospectus can only be used to apply for these courses under the General Category.

#### Merit List, Counseling, Hostels

For details, visit website www.manipal.edu

Course Fees, Hostel Fees, Refund Rules Refer Section 2

Last date for receipt of application: 30.05.2016

Commencement of Classes: 03.08.2016

#### BACHELOR OF PHARMACY -BPharm (Practice)

Duration: 2 years

#### Eligibility

Citizenship: Indian nationals.

#### Qualification:

- A pass in Diploma course in Pharmacy from an institution approved by the Pharmacy Council of India under Section 12 of Pharmacy Act, 1948.
- A registered Pharmacist
- A minimum of four years of Pharmacy Practice experience in a community or Hospital Pharmacy
- a. A certificate from competent authority stating that the candidate is endorsed as registered pharmacist in the drug license of a pharmacy as proof of practice experience in case of community pharmacist
- b. A certificate from the Principal/Medical Superintendent/ competent person of the Hospital/Health Unit stating that the candidate is working as a pharmacist will be accepted as proof of practice experience in case of hospital pharmacist
- A 'No Objection Certificate' from the employer in prescribed format as per Annexure A (format available in website)

#### Admissions

General Category: Candidates will be selected on first-comefirst basis.

Merit List, Counseling, Hostels For details, visit website www.manipal.edu

Course Fees, Hostel Fees, Refund Rules Refer Section 2

Last date for receipt of application: 11.03.2016

Commencement of Classes: 01.08.2016

#### DOCTOR OF PHARMACY (PharmD)

Duration: 5 years plus 1 year internship.

#### Eligibility

Citizenship: Indian nationals.

Date of Birth: Should be on or before 31.12.99

Qualification: Pass in 10+2 examination with Physics, Chemistry and English with Mathematics or Biology as optional subjects/DPharm or any other equivalent qualification recognized by the Pharmacy Council of India.

Note: Candidates who have passed 10+2 from national open school are not eligible for admission under the Pharmacy Act.

#### Admissions

General Category: Admissions are done on the basis of rank in the All India Manipal University Online Entrance Test (MU-OET) 2016.

Foreign/NRI Category: Candidates desirous of applying under this category can write to foradmission@manipal.edu or call + 91 820 2571000/2922400. For online application and details visit : www.manipal.edu/intlug

Note: Candidates can apply both under General and Foreign/NRI categories. Change of category from Foreign/NRI to General after admission will not be entertained under any circumstances. The application material given along with the prospectus can only be used to apply under the General Category.

Entrance Test, Counseling, Hostels For details, visit website www.manipal.edu

Course Fees, Hostel Fees, Refund Rules Refer Section 2

Last date for receipt of application: 11.03.2016

Commencement of Classes: 01.08.2016

#### MASTER OF PHARMACY (MPharm)

#### **Specializations Offered**

- MPharm Pharmaceutical Chemistry
- MPharm Pharmacology
- MPharm Pharmaceutics
- MPharm Pharmacognosy
- MPharm Pharmacy Practice
- MPharm Pharmaceutical Administration
- MPharm Pharmaceutical Quality Assurance
- MPharm Pharmaceutical Biotechnology
- MPharm Drug Regulatory Affairs
- MPharm Industrial Pharmacy

#### Duration: 2 years.

#### Eligibility

Citizenship: Indian nationals can apply under the General Category. Foreign nationals or Non Resident Indians or Indian nationals supported by NRI relatives can apply under the Foreign/NRI Category.

Qualification: BPharm from an institution recognized by the Pharmacy Council of India with minimum of 50% marks in aggregate.

#### Admissions

General Category: Admissions are done on the basis of rank in the All India Manipal University Online Entrance Test (MU-OET) 2016.

Foreign/NRI Category: Admissions are done on the basis of qualifying examination.

Note: Candidates can apply either under General or Foreign/NRI Category. Those submitting applications under both General and Foreign/NRI categories will be considered only under the General Category. Change of category at a later stage will not be entertained under any circumstances.

Entrance Test, Counseling, Hostels For details, visit website www.manipal.edu

Course Fees, Hostel Fees, Refund Rules Refer Section 2

Last date for receipt of application: 11.05.2016

Commencement of Classes: 04.08.2016

#### DOCTOR OF PHARMACY (PharmD) POST BACCALAUREATE

Duration: 2 years plus 1 year internship.

#### Eligibility

Citizenship: Indian nationals can apply under the General Category. Foreign nationals or Non Resident Indians or Indian nationals supported by NRI relatives can apply under the Foreign/NRI Category.

Qualification: BPharm from an institution recognised by the Pharmacy Council of India with minimum of 50% marks in aggregate.

#### Admissions

General Category: Admissions are done on the basis of rank in the All India Manipal University Online Entrance Test (MU-OET) 2016.

Foreign/NRI Category: Admissions are done on the basis of qualifying examination.

Note: Candidates can apply either under General or Foreign/NRI Category. Those submitting applications under both General and Foreign/NRI categories will be considered only under the General Category. Change of category at a later stage will not be entertained under any circumstances.

Entrance Test, Counseling, Hostels For details, visit website www.manipal.edu

Course Fees, Hostel Fees, Refund Rules Refer Section 2

Last date for receipt of application: 11.05.2016

Commencement of Classes: 04.08.2016

#### PG DIPLOMA IN DRUG ANALYSIS

Duration: 1 year (2 Semesters)

#### Eligibility

Citizenship: Indian national may apply under the general category. Foreign nationals or Non Resident Indians or Indian nationals supported by NRI relatives can apply under the Foreign/NRI category.

Qualification: A pass in BSc with Chemistry as one of the components/BPharm.

#### Admissions

General/Foreign/NRI Category: Candidates will be selected on first-come-first-serve basis.

Note: Candidates may apply either under General Category or Foreign/NRI Category. Those submitting applications under both General and Foreign/NRI categories will be considered only under the General Category. Change of category at a later stage will not be entertained under any circumstances.

Merit List, Counseling, Hostels For details, visit website www.manipal.edu

Course Fees, Hostel Fees, Refund Rules Refer Section 2

Last date for receipt of application: 15.07.2016

Commencement of Classes: 04.08.2016

# Manipal College of Dental Sciences (MCODS)

MCODS is ranked 2<sup>nd</sup> among the top dental colleges in the country, with an infrastructure that is comparable to some of the best in the world.



www.manipal.edu/mcods

# #1

MCODS, MANIPAL is ranked as No: 1 in the year 2009, 2010 and 2011

# #1

MCODS, MANIPAL is ranked No.1 among Dental Colleges in India Source: THE WEEK-HANSA Survey, 2015

# #2

MCODS, MANIPAL is ranked No.2 among Dental Colleges in India Source: Outlook-MRDA survey (Rank No: 01 in private sector).

# #5

MCODS, MANGALORE is ranked No.5 among Private Dental Colleges. Source: Outlook 2015 survey (Rank No: 12 among all Dental Colleges in India).



### Campuses

#### Manipal Campus

Manipal College of Dental Sciences (MCODS), Manipal was established in the year 1965, was the first self-financing Dental college in the private sector of India. With the humble beginning of 40 students and just one dental chair, today we are proud that Manipal college of Dental Sciences, Manipal is ranked as no 1 Dental College in India (Outlook 2009, 2010, 2011). Since then it has metamorphosed and is recognized nationally and internationally. Today, our college is one of the best equipped Dental schools in the country, engaged in oral health care education, patient care, research and community service.

Since MCODS enjoys the reputation of being one of the pre-eminent Dental colleges in India, the quality of education it offers, goes beyond the classroom success. For our institution, hopes and aspirations of an individual student are of central importance. An encouraging and purposeful environment encourages young dentists to flourish and fully develop their skills and interests, which they possess.

Asset of our institution are our dedicated, Full time permanent staff who are highly experienced specialist teachers with high levels of clinical expertise who guide the undergraduate and post graduate students in dealing with a systematic approach for a comprehensive care of our patients.

Immense research opportunities are offered and few of our faculty members are PhD scholars and editors of reputed national and international journals. In "Provenance" a business plan competition, students of MCODS, Manipal are actively involved and are one of the winning teams transforming innovative ideas into viable business proposals. Research related presentations from Manipal at various national and international conferences are well appreciated and our faculty have recognized themselves as Key note speakers at august Dental gatherings across the globe.

Our esteemed institution is always ahead in serving poor and the needy by conducting regular Dental camps at rural areas. We also serve peripheral clinics around Manipal among which Dr T M A Pai Hospital Udupi needs a special mention where specialized Dental care is also rendered. College offers multiple opportunities to students to expand their horizons of learning by getting actively involved in one such student initiative project known as "Amchi" – an outreach community based activity conducted at Ladakh, a joint effort involving the students from Dental schools of Europe.

MCODS, Manipal has successfully met the global recognition as it was recognized as an esteemed training center for MFDS program of Royal College of Physicians and Surgeons, (Glasgow from 2004), International Qualifying exam (IQE now known as ORE) from UK since 2004, and is also recognized by the Malaysian Dental Council. This recognition has helped our alumni to achieve greater heights in their positions at various parts of the world like USA, UK, UAE and also Australia.

State of the art infrastructure, good academics and cutting edge skill has always been appreciated by various foreign universities wherein student externship programs are held at our college from University of Southern California - LA, Queen Mary London School -UK and Charles Strut University, Australia.

The value addition to the world of Dentistry is introduction of PG certificate courses in Oral Implantology, Aesthetic Dentistry and Laser Dentistry. Adding on to the list, MCODS, Manipal is the pioneer institution to introduce PG Diploma in Dental Materials course which is one of the best courses in material sciences a dentist can achieve. A course in Dental Hygiene and Dental Mechanics which is meant for technicians is offered as well.

MCODS, Manipal on the whole offers a complete and conducive environment to achieve excellence in academics, research and patient care.

#### Recognition / Accreditations

- Dental Council of India (1970)
- ISO Certified institution (ISO 9001:2008 and 14001:2004)
- Training center for MFDS program of Royal College of Physicians and Surgeons, (Glasgow from 2004), International Qualifying exam (IQE now known as ORE) from UK since 2004
- The undergraduate program offered at MCODS, Manipal is recognized by the Malaysian Dental Council. This recognition has helped our alumni to achieve greater heights in their positions at various parts of the world like USA, UK, UAE and also Australia.

#### Strengths

- MCODS, Manipal has been consistently judged as the best Dental College in the Country in the survey conducted by Outlook and recently by WEEK for 8 Consecutive years
- Competency based curriculum
- Dedicated and enthusiastic full time faculty for teaching and research
- State-of-the-art infrastructure at par with the international standards; for imparting clinical training for students
- Highly successful alumni who have made impact around the globe
- Institute encourages students to participate in scholarly activities
- Opportunities to participate in business competitions

#### Student Exchange Programmes

- University of Southern California LA,
- Queen Mary London School UK
- Charles Strut University, Australia.
- · School of Clinical Dentistry, University of Sheffield, UK

#### Collaborations & partnerships

Academic and Research Co-operation exists between Manipal College of Dental Sciences, Manipal and the following National and International Universities / Industry for students and faculty

- MOU with European Dental Students Association
- MOU with University of Southern California
- MOU with University of Sheffield, UK
- MOU with Indian Academy of Laser Dentistry
- Industry: Nobel Biocare and Colgate Palmolive

#### Placements

Students from MCODS pursue their post-graduation program after their graduation at MCODS, Manipal, as they have consistently bagged top ranks in various competitive entrance examinations conducted all over the country. Most of our alumni are senior administrators at reputed universities and also successful skilled clinicians. In addition, some of our graduates have successfully got enrolled into foreign degrees across the globe.

It is worth mentioning that MCODS Manipal has filed 5 patents and was instrumental in the setup of Dental Innovation Private Limited Company by an alumnus of the college who is actively involved in research, development and marketing of these innovative products.

#### Mangalore Campus

The Manipal College of Dental Sciences (MCODS), Mangalore was established in the year 1987. It has the unique distinction of being the first dental institute in the country to be permitted to admit 100 students from the very first year of its inception. The college is located in the heart of a well-connected city with patient inflow from surrounding areas as well as from the bordering neighbor state of Kerala.

The college offers undergraduate, postgraduate, doctoral and diploma courses in all branches of dentistry. As an ISO certified institution (ISO 9001:2008 and ISO14001:2004), it has endeavoured to meet the challenges of global recognition and is recognized by the Malaysian Dental Council and the Kathmandu University (Nepal). The college is a recognized training center for Membership of faculty of dental surgery (MFDS) program of Royal College of Physicians and Surgeons of Glasgow from 2004.

MCODS, Mangalore with its world class infrastructure comprising of centrally air conditioned lecture halls, laboratories, library, seminar rooms with audio-visual aids and state of the art dental equipment including 296 dental chairs, high end imaging Cone Beam Computed Tomography (CBCT) unit and surgical microscope and newer generation dental materials provides an ideal environment for learning and research. The institute also has a custom made mobile dental clinic with two automated dental chairs to provide comprehensive dental care to residents in remote areas with limited access to oral care.

Students of MCODS, Mangalore have been consistently performing well at various symposia, seminars and conferences. Our students have topped various post graduate entrance exams and have also qualified for further studies in universities across the world such as in USA, Canada, UAE, UK and Australia, owing to the excellent mentoring provided by the dedicated faculty. MCODS, Mangalore is the first dental college in the country to procure CBCT machine.

#### Recognition / Accreditations:

- Dental Council of India, New Delhi since 1987
- Malaysian Dental Council
- Kathmandu University
- Royal College of Surgeons
- ISO 9001:2008 and ISO 14001:2004

#### **Advantages**

Of the thirty Innovations submitted to the Innovation Centre, MCODS, Mangalore has won First, Second and Consolation prizes at Innovation Day held by the MUTBI. One of the Innovations was also selected for the final round of the Provenance Competition. Many of the Innovative ideas are now being planned for patenting.

#### Collaborations & partnerships

- MOU between Manipal College of Dental Sciences, Mangalore (a constituent college of Manipal University, Manipal) and Faculty of Dentistry, UniversityTeknologi MARA, Malaysia
- Member of South East Asia Association for Dental Education (SEAADE)

#### Student Exchange Programmes

Students from the faculty of Dentistry University of Dundee Scotland, did an elective posting at our college. They have given an excellent feedback of the clinical and the community dental services of the college.

#### **Research Excellence**

Both campuses are home to various research projects every year. Encouraging learning through research and experiments, MCODS offers multiple opportunities to students to expand their horizons of learning.

#### Research Excellence in Numbers

For the last 5 years	Manipal	Mangalore
Journals & Publications	636	412
	27 (books)	19 (books)
Books Published	13 (chapters contributed in text books)	19 (chapters contributed in text books)
Conference presentations	591	552
Workshops /Seminars		64 (organized) 201 (attended)
Ongoing Research Projects	255	549
Research projects completed	159	223
Research Grants	17	30
Total No. of PhD awarded	05	
Total No. of Patents filed	07	

#### Quotes from alumni or students

MCODS with excellent infrastructure & teaching facilities matching International Standards provided me with best dental education to attain success & live my dreams.

Dr. Anukriti Gupta UMDNJ, Newark, NJ. Alumni of MCODS Manipal

MCODS is a place to grow, that lets you be in the forefront of your profession. Matchless faculty exert themselves to bring out the best potential in students - something very unique.

Dr. Rushil R. Dang Boston University, US. Alumni of MCODS Manipal

"Manipal College of Dental Sciences, Manipal stands out as the foremost institute providing dental education in India, and the world at large. Having spent more than eleven years at the institute, as an undergraduate and postgraduate student and then as a member of the faculty, I have seen the organization grow into a global force. It provides the student with a strong foundation during the Bachelor's degree and Post graduate program, supported by a dedicated faculty, excellent infrastructure, contemporary dental materials and research facilitates for further growth and development. The Manipal students will find themselves able to adapt at global institutions with ease. Should a student wish to further their career on foreign shores, such a strong background is very helpful in gaining further qualifications through overseas licensure examinations and entry to masters' programs. Manipal excels not only at academics, but provides the student a plethora of innovative and interactive fora for expressing their creative side. The university town is a hob nob of international students and the college is able to prepare each student in its fold for a bright future. No student should have a second thought about learning at Manipal, it's the best that there is on offer. Make the most of the opportunities at hand .... Carpe Diem!".

Dr. Arindam Dutta MCODS, Manipal (2002 Batch) Currently: Specialty Registrar at Edinburgh Dental Institute

MCODS is a wonderful institution. There are people from different cultures here, and that interests me. I like the campus life a lot!

Dr. Cheah Hui Ling Alumni of MCODS Manipal

The last four years of my life, have been filled with inspiring experiences. Manipal College of Dental Sciences has been a milestone in my journey towards my dream. I started my postgraduation in Department of Conservative Dentistry and Endodontics in 2010. The whole hearted support and constant guidance provided to me by teachers helped me focus on clinical work and research projects. I am grateful to Manipal University for providing me the infrastructure and exceptionally qualified staff members, who helped me realise my true potential not just as a professional but as an individual. Post MDS, I wanted to pursue my career in a professional working environment where I would get a chance to enhance my clinical skills and develop myself as a professional. I got this opportunity at Clove Dental where I was hired as a Senior Associate Dentist/Specialist.

#### Dr.Charu Grover

PG alumni, Department of Conservative Dentistry, MCODS Managalore

### **Courses offered**

#### BACHELOR OF DENTAL SURGERY (BDS)

Offered at MCODS, Manipal and Mangalore Campuses

Duration: 4 years plus 1 year compulsory rotating internship.

#### Eligibility

Citizenship: Indian nationals.

Date of Birth: Only those whose date of birth falls on or before 31.12.99 are eligible.

Qualification: Pass in 10+2, A level, IB, American 12th grade or equivalent with Physics, Chemistry, Biology and English individually with a minimum of 50% marks in Physics, Chemistry and Biology taken together.

#### Admissions

General Category: Admissions are done on the basis of rank in the All India Manipal University Online Entrance Test (MU-OET) 2016.

Note: Only candidates who have secured minimum of 50% marks taken together in Physics, Chemistry and Biology in the All India Manipal University Online Entrance Test (MU-OET) 2016 will be considered for admissions.

Candidates with foreign qualifications will have to obtain the 'Equivalence Certificate' from Association of Indian Universities, New Delhi who will equate their qualifications as equivalent to the 10+2 of India. This certificate will have to be submitted at the time of counseling. Students who are qualified with CBSE or ISCE or any other Indian Board qualifications need not submit the equivalency certificate. For details please visit our website www.manipal.edu

Foreign/NRI Category: Candidates desirous of applying under this category can write to foradmission@manipal.edu or call + 91 820 2571000/2922400. For online application and details visit : www.manipal.edu/intlug

Note: Candidates can apply both under General and Foreign/NRI categories. Change of category from Foreign/NRI to General after admission will not be entertained under any circumstances. The application material is only applicable for General Category.

#### Entrance Test, Counseling

For details, visit website www.manipal.edu

Course Fees, Hostel Fees, Refund Rules Refer Section 2 Laptop will be provided to enrolled students.

Last date for receipt of application: 11.03.2016

Commencement of Classes: 01.08.2016

#### MASTER OF DENTAL SURGERY MDS / PG DIPLOMA IN DENTAL MATERIALS

Manipal Campus
 Mangalore Campus

MDS Conservative Dentistry and Endodontics	•	•
MDS Oral and Maxillofacial Surgery	•	•
MDS Oral Medicine and Radiology	•	•
MDS Oral Pathology and Microbiology	•	•
MDS Orthodontics and Dentofacial Orthopaedics	•	•
MDS Pedodontics and Preventive Dentistry	•	•
MDS Periodontology	•	•
MDS Prosthodontics and Crown & Bridge	•	•
MDS Public Health Dentistry	•	•
PG Diploma in Dental Materials	•	•

Duration: MDS - 3 years.

PG Diploma in Dental Materials - 2 years.

#### Eligibility

Citizenship: Indian nationals can apply under the General Category. Foreign nationals or Non Resident Indians or Indian nationals supported by NRI relatives can apply under the Foreign/NRI Category.

Qualification: Pass in BDS degree or equivalent degree recognised by Dental Council of India.

#### Internship

Candidates completing their compulsory rotating internship on or before 30.04.2016 are eligible.

Note: Candidates completing internship after 30.04.2016 are not eligible for admission in this academic year.

#### Registration

Candidates should have obtained permanent registration with Dental Council of India or any of the State Dental Council or should obtain the same within one month from the date of admission.

#### Admissions

General/Foreign/NRI Category: Admissions are done on the basis of rank in the All India Manipal University Online Entrance Test (MU-OET) 2016.

Note: Candidates can apply either under General or Foreign/NRI Category. Those submitting applications under both General and Foreign/NRI categories will be considered only under the General Category. Change of category at a later stage will not be entertained under any circumstances.

#### Note for Foreign/NRI Category:

Foreign nationals or candidates holding foreign degrees must write to the Dental Council of India to obtain a temporary registration for the duration of the post-graduate training. Such candidates must be registered as Dental Practitioners in the country from which they have obtained their basic dental qualification. Also, their degrees must be recognized by the corresponding Dental Council or by any other equivalent authority.

Government Category: Few dental seats in MCODS, Manipal & Mangalore are reserved for candidates selected by the Karnataka Examinations Authority (KEA), Government of Karnataka, Bangalore.

#### Entrance Test, Counseling, Hostels For details, visit website www.manipal.edu

Course Fees, Hostel Fees, Refund Rules Refer Section 2

Last date for receipt of application: 27.01.2016

Commencement of Classes: 02.05.2016

#### PG CERTIFICATE COURSE IN ORAL **IMPLANTOLOGY**

#### Offered at MCODS, Manipal Campus

Duration: 1 year (4 modules and each module for 6 days).

It comprises of 4 contact sessions conducted at MCODS, Manipal and each contact session is for 6 days.

The program comprises of didactic lectures, live demonstrations of basic and advanced procedures in Oral Implantology. It is mandatory that each candidate places 10 implants on patients and restores the same in the program in order to be certified.

#### Eligibility

Citizenship: Indian nationals can apply under the General Category. Foreign nationals or Non Resident Indians or Indian nationals supported by NRI relatives can apply under the Foreign/NRI Category.

Qualification: Pass in BDS from any institution recognized by the Dental Council of India

#### Admissions

Admissions are based on the completion of internship from a DCI recognized institution.

Course Fees, Hostel Fees, Refund Rules Refer Section 2

Last date for receipt of application: 15.09.2016

Contact Sessions: October, 2016

#### PG CERTIFICATE COURSE IN **AESTHETIC DENTISTRY**

#### Offered at MCODS, Manipal Campus

#### Duration: 1 year.

It is a combination of 4 contact sessions, each of 6 days duration. The session will be held once in three months.

#### Eligibility

Pass in BDS from any institution recognised by the Dental Council of India. Candidates are expected to be in touch with clinical work.

#### Admissions

Admissions are done on the basis of academic merit, qualifications obtained and previous professional experience.

#### Course Fees, Hostel Fees, Refund Rules Refer Section 2

Contact Sessions: July, 2016

Last date for receipt of application: 15.06.2016

#### PG CERTIFICATE COURSE IN LASER DENTISTRY

#### Offered at MCODS, Manipal Campus

#### Duration: 6 months.

It is a combination of 2 contact sessions in two batches of 4 days duration.

#### Eligibility

Pass in BDS from any institution recognised by the Dental Council of India.

#### Admissions

Admissions are done on the basis of academic merit, qualifications obtained and previous professional experience.

#### Course Fees, Hostel Fees, Refund Rules

Refer Section 2

#### **Contact Sessions:**

Batch 1 - January 2016 Batch 2 - July 2016

#### Last date for receipt of application

31.12.2015 for Batch 1 30.06.2016 for Batch 2

#### PG CERTIFICATE COURSE IN RESTORATIVE DENTISTRY

#### Offered at MCODS, Mangalore

#### Duration: 1 Year

It is an intensive one year full time program where the candidates will be monitored by the faculty of Conservative Dentistry, Endodontics, Prosthodontics and periodontology. This is an excellent opportunity for those who seek additional restorative experiences to supplement what they have already learned through formal education. This will enhance their core competence in patient care in private practice.

#### Eligibility

Pass in BDS from any institution recognized by the Dental Council of India.

#### Admissions

Admissions are done on the basis of academic merit.

Course Fees, Hostel Fees, Refund Rules Refer Section 2

Last date for receipt of application: 15.09.2016

Commencement of Classes: October, 2016.



# Welcomgroup Graduate School of Hotel Administration (WGSHA)

WGSHA has been consistently ranked as the No. 1 institute in the country for hotel management studies.

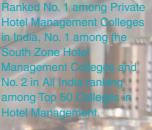


www.manipal.edu/wgsha



Ranked No.1 as Supreme Hotel Management Institute in India and No.1 in state of Karnataka since 2007

Source: GHRDC Hotel Management Institutes Survey 2015



• The Week Hansa Research Colleges Survey 2015.

Ranked No. 3 among the Top 10 Hotel Management Colleges in India in Outlook India's Top Professional College Rankings 2015

2015





Welcomgroup Graduate School of Hotel Administration (WGSHA) was established in 1986 as a unit of Dr. TMA Pai Foundation. In 1987, the Foundation entered into collaboration with Welcomgroup, the Hotels division of ITC Ltd, a progressive hotel chain having linkage to Starwood Hotels & Resorts Worldwide Inc. Today WGSHA is India's premier Hotel Management Institute.

- Located in the scenic stretch of coastal Karnataka and the Western Ghats within a university campus
- An institute with brand image, three decades of history, excellent career opportunities, supportive staff and welcoming atmosphere
- Recognized by the All India Council for Technical Education (AICTE) and accredited by NBA. The institute is also ISO 9001:2008 and ISO 14001:2004 + Cor. 1:2009 certified
- 24/7 Wi Fi; Technologically driven systems and procedures for academic delivery and assessment
- Annexed hotel Fortune Inn Valley View, Member ITC Hotels Group
- Award winning residential facilities
- A super specialty hospital providing excellent health care to students covered by health insurance
- World class sports and recreational facilities with socializing environment
- Quality of teaching learning experiences for students through appointing of top class faculty with research orientation who create intellectually rigorous programmes and transfer the enthusiasm to students
- An array of general courses and specialization courses to cater to student diversity, passion and capability.
- All courses taught engage students in value based learning and global sustainability
- A culture of change and continuous improvements through a system of nominated members who engage in developing the entire student experience. (BOS, Senate, QMS, etc.)
- Engaging constantly with the industry and sectorial experts
- The age and size of the campus in a sustainable environment with state of the art infrastructure and teaching learning resources with excellent Faculty-Student ratio of 1:10

- Curriculum is non-vocational in nature; Contemporary styles of teaching learning through social media.
- Adjunct faculty members, from international universities of repute providing expertise and contemporary inputs
- Faculty and students are engaged in research work and regular publications in national and international journals.
- Excellent collection of books, online databases and digital learning resources
- Only college in India to offer wine fundamentals certifications levels I and II, from the International Sommelier Guild (ISG), USA
- Skills training for unemployed youth from the local community imparted through Manipal City & Guilds as CSR initiatives
- Student exchange programmes such as International Association for the Exchange of Students for Technical Experience (IAESTE) and AIESEC India
- An inclusive philosophy for student admission and recognition of meritorious performance.
- Excellent placement opportunities and employment results
- Powerful and influential alumni spread all over the world providing extensive opportunities for alumni engagement and networking.
- Robust funding and financial advantages
- Intra and Inter-university co-curricular and extracurricular activities.
- A formal system of pastoral care, mentorship and teacher guardian system
- Use of Learning Management System (LMS) software supported by EduNxt, available 24 X 7.
- New software in PMS (micros opera) and materials management (micros materials management system (MMS) for students' practical learning.
- Opportunities are provided to enhance cultural and artistic inclinations with systematic involvement of various clubs.
- CSR projects organized by Volunteer Service Organization (VSO) of Manipal University and WGSHA

#### Student Exchange Programs

- International Association for the Exchange of Technical Expertise (IAESTE)
- AIESEC India

#### Placements

Our valued recruiting partners are:

ITC Hotels, Taj Hotels Resorts & Palaces, The Oberoi Group, The Leela Palace Hotels & Resorts, Starwood Hotels, The Park Hotels, Le Méridien Hotels & Resorts (IHCG), Marriott, Accor Hospitality, IHG (Intercontinental Hotel Group), Radisson Blu, LRBD (Lifestyle Retail Business Division), FPHL (Fortune Park Hotel Limited), Ananda Resorts in Himalayas, Ista Hotels, Casino Hotels, Hyatt Hotels, Lemon Tree Hotels, Royal Orchid Hotels, Ascott Hotels, Lalit Hotels, Muthoot Group, CGH Earth, Domino's, SpiceJet, Emirates, Qatar Airways, Jet Airways, Indigo, Tata Starbucks, Teach for India, Soukya

#### Facilities and Infrastructure

#### Lab Kitchen and Bakery

There are nine contemporary Labs for cookery and patisserie to meet the 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.

#### Library

The WGSHA library has a specific collection of over 10586 books and digital resources on Hotel Management and allied disciplines and the sector. It subscribes to over 60 journals including International Journal of Hospitality Management, Cornell Hospitality Quarterly, Journal of Hospitality and Tourism Research etc. Also it subscribes e-journals & online databases including EBSCO (Hospitality and Tourism) Complete and CAC+HTLC (Culinary Arts Collection and Hospitality, Tourism and Leisure Collection)

#### Mock Bar

A fully equipped mock bar for demonstrations and practical work permits students to create, prepare and serve beverages & cocktails.

#### **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.

#### **Research Excellence**

Centre for Excellence in Hospitality and Tourism Research (CEHTR) 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 CEHTR 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 like the Indian Hospitality Congress and Symposia on Tourism and Hospitality.

#### Quotes from alumni or students

"It is my life's greatest gift to have been educated at WGSHA Manipal. I love the structure, faculty and all the facilities provided to nurture our talent".

"To teach is great, but to inspire is divine".

#### Chef Vikas Khanna

Distinguished Alumnus, WGSHA Michelin Star Celebrity Chef, Restaurateur, Author Judge - MasterChef India

"The WGSHA experience provided excellent exposure to the industry, supported by a rigorous academic curriculum, all set within the diverse Manipal campus. It gave us all the skills and confidence to go out and master our chosen fields".

#### Chef Maneet Chauhan

Celebrity Chef and Culinary Consultant Judge-Chopped; Only Indian Chef competing in Iron Chef "WGSHA has been instrumental in shaping my career, giving me a solid foundation and thus an opportunity to live up to my potential, it's my privilege to have been a student of this institution and call it my Alma Mater"

#### Sujeet Kumar

Distinguished Alumnus, WGHSA General Manager, The Westin, Pune Koregaon Park

"When I started the Master's program, I wasn't sure what I was getting into. Two years later I walked with lifelong friends, an expansive knowledge set. I never would have imagined all that I would gain from this master's program which helped me build and set up my own restaurant."

#### Karan Subramaniam

Alumnus, 7th Course, MSc HTM CEO at Indian Spice – A multi cuisine restaurant, Nerul, Navi Mumbai

"My life in Manipal University helped me become the thorough professional that I am today. My postgraduate course in Nutrition and Dietetics at WGSHA gave me excellent faculty & coaching, a sense of individuality, good infrastructure and up to date nutrition knowledge. It helped me dig deeper to find my hidden passion- Pediatric Nutrition".

#### Abhilasha V.

Senior Nutritionist [Adult and Pediatrics] Cloudnine Hospital; Old Airport Road, Bangalore.

"It's difficult for me to describe my attachment with Manipal. Those have been the most nurturing years of my life, truly inspiring in all senses. It was a creative and appealing journey wherein my professors and lecturers hand held us in the initiation stages but there was a marked distinction between being spoon fed and help to explore our strengths and work on our weaknesses. The practical skills I learned at WGSHA backed by academic knowledge have given me the confidence to pursue a career in Nutrition with compassion and vision to bring in positive change in the lives of people with great conviction and ethics"

#### **SNEHA RAI**

Wellness director: Lifestyle enhancement through nutrition and fitness (L.E.A.F), Delhi; Authored a book " Weigh that number".

### Courses offered

#### Bachelor of Hotel Management BHM

Duration: 4 years\*.

#### Eligibility

Citizenship: Indian nationals.

Qualification: Pass in 10+2, A Level, IB, American 12th grade or equivalent.

#### **Admissions**

General Category: Admissions are offered on the basis of marks obtained in the qualifying examination and there is no entrance test.

Foreign/NRI Category: Candidates desirous of applying under this category can write to foradmission@manipal.edu or call + 91 820 2571000/2922400. For online application and details visit : www.manipal.edu/intlug

Note: Candidates may apply both under General and Foreign/NRI categories. Change of category from Foreign/NRI to General after admission will not be entertained. The application material given along with this Prospectus can only be used to apply for General Category.

#### Merit List, Counseling, Hostels

For details, visit website www.manipal.edu

#### Course Fees, Hostel Fees, Refund Rules Refer Section 2

Last date for receipt of application: 21.03.2016

#### Commencement of Classes: 01.08.2016

Note: As part of the programme, Food and Wine pairing courses would be conducted separately by International Sommelier Guild (ISG), USA.

#### Bachelor of Hotel Management BHM - Lateral Entry

Duration: 3 years. Candidates are admitted directly to 2nd year (III Semester)

#### Eligibility

Citizenship: Indian nationals.

Qualification: 3 years diploma in hotel management or equivalent after 10+2 or equivalent, preferably above 50% marks in aggregate. A committee will award the equivalence to approve admissions.

#### Admissions

General Category: Admissions are offered on the basis of marks obtained in the qualifying examination and there is no entrance test.

Foreign/NRI Category: Candidates desirous of applying under this category can write to foradmission@manipal.edu or call + 91 820 2571000/2922400. For online application and details visit : www.manipal.edu/intlug

Note: Candidates may apply both under General and Foreign/NRI categories. Change of category from Foreign/NRI to General after admission will not be entertained. The application material given along with this Prospectus can only be used to apply for General Category.

Merit List, Counseling, Hostels For details, visit website www.manipal.edu

Course Fees, Hostel Fees, Refund Rules Refer Section 2

Last date for receipt of application: 21.03.2016

Commencement of Classes: 25.07.2016

#### CULINARY ARTS & ALLIED HOSPITALITY STUDIES BA (Culinary Arts)\*

Duration: 3 years.

#### Eligibility

Citizenship: Indian nationals.

Qualification: Pass in 10+2, A Level, IB, American 12th grade or equivalent.

#### Admissions

General Category: Admissions are offered on the basis of marks obtained in the qualifying examination and there is no entrance test.

Foreign/NRI Category: Candidates desirous of applying under this category can write to foradmission@manipal.edu or call + 91 820 2571000/2922400. For online application and details visit : www.manipal.edu/intlug

Note: Candidates may apply both under General and Foreign/NRI categories. Change of category from Foreign/NRI to General after admission will not be entertained. The application material given along with this Prospectus can only be used to apply for General Category.

#### Merit List, Counseling, Hostels

For details, visit website www.manipal.edu

Course Fees, Hostel Fees, Refund Rules Refer Section 2

Last date for receipt of application: 21.03.2016

#### Commencement of Classes: 01.08.2016

Note: As part of the programme, Food and Wine pairing courses would be conducted separately by International Sommelier Guild (ISG), USA.



\*Provision for project work/internship in India or abroad.

#### Master of Science M.Sc. (Hospitality & Tourism Management)

Duration: 2 years (4 semesters)

#### Eligibility

Citizenship: Indian nationals may apply under the General Category. Foreign nationals or Non Resident Indians or Indian Nationals supported by NRI relatives can apply under the Foreign/NRI Category.

Qualification: The candidate must have completed graduation from a recognized university. For candidates who have completed any degree other than Hotel Management are needed to enroll for a bridge programme for three months concurrent to the commencement of the Masters Programme.

#### Admissions

General/Foreign/NRI Category: Admissions are offered on the basis of marks obtained in the qualifying examination. There is no entrance test.

Note: Candidates may apply either under General Category or Foreign/NRI Category. Those submitting applications under both General and Foreign/NRI categories will be considered only under the General Category. Change of category at a later stage will not be entertained.

#### Merit List, Counseling, Hostels

For details, visit website www.manipal.edu

Course Fees, Hostel Fees, Refund Rules Refer Section 2

Last date for receipt of application: 15.07.2016

Commencement of Classes: 09.08.2016

#### Master of Science M.Sc. (Dietetics & Applied Nutrition)

#### Placements / Prospects

Nutrition and Dietetics is a vital, growing field and the opportunities and possibilities in this field are nemerous. As Nutritionists and Dieticians, you will find employment in hospitals, specialty clinics, Nutraceutical companies, health and fitness establishments / resorts / spas, school health programs, nursing care facilities, teaching the science of nutrition and dietetics in colleges and universities, R & D labs and institutes (like Nestle, HUL, Britannia), catering departments of star hotels, health departments of governments; International organizations such as WHO, FAO, UNICEF, Food & Nutrition Board, etc. Food & Pharma companies and the Corporate Sector are also emerging as leading employers. Some students also opt to pursue research and go for Ph.D.

#### **Services and Activities**

The department carries out extensive community outreach services, nutritional status assessment and growth monitoring by visits to the community, RMCW homes, government nutrition and health facilities and imparts nutrition and health counseling to the vulnerable/risk groups. As a part of this endeavour, the department regularly holds lecture cum demonstration sessions on low cost nutritious recipes in the field practice area.

As a part of the clinical exposure, the students regularly visit patients in the Kasturba Hospital, Manipal to understand the etiology of a disease condition, assess their nutritional status and thereafter counsel and prescribe therapeutic diets based on the underlying condition under the guidance of the faculty members.

Duration: 2 years (4 semesters)

#### Eligibility

Citizenship: Indian nationals may apply under the General Category. Foreign nationals or Non Resident Indians or Indian nationals supported by NRI relatives can apply under the Foreign/NRI Category.

Qualification: Candidates must have a bachelor's degree from a recognized university in Home Science or Nutrition or Dietetics or Food Science or Biology or Microbiology or Clinical Biochemistry or Life Sciences or BNYS (Naturopathy) or BAMS (Ayurveda) or PG Diploma in Dietetics with a minimum of 50% marks in aggregate.

#### Admissions

General/Foreign/NRI Category: Admissions are offered on the basis of marks obtained in the qualifying examination and there is no entrance test.

Note: Candidates may apply either under General Category or Foreign/NRI Category. Those submitting applications under both General and Foreign/NRI categories will be considered only under the General Category. Change of category at a later stage will not be entertained.

#### Merit List, Counseling, Hostels

For details, visit website www.manipal.edu

Course Fees, Hostel Fees, Refund Rules Refer Section 2

Last date for receipt of application: 15.07.2016

Commencement of Classes: 09.08.2016

### Post Graduate Diploma in Culinary Arts

Duration: 1 year (3 Trimesters)

#### Eligibility

Citizenship: Indian national may apply under the general category. Foreign nationals or Non Resident Indians or Indian nationals supported by NRI relatives can apply under the Foreign/NRI category.

Qualification: Candidates must have any degree from a recognized university.

#### **Admissions**

General/Foreign/NRI Category: Candidates will be selected on the basis of Group Discussion and Personal Interview performance. Seats are also reserved for NRI/ Foreign students. Eligible NRI/ Foreign students are admitted based on their qualifying examination performance.

Note: Candidates may apply either under General Category or Foreign/NRI Category. Those submitting applications under both General and Foreign/NRI categories will be considered only under the General Category. Change of category at a later stage will not be entertained under any circumstances.

#### Merit List, Counseling, Hostels

For details, visit website www.manipal.edu

Course Fees, Hostel Fees, Refund Rules Refer Section 2

Last date for receipt of application: 15.07.2016

Commencement of Classes: 09.08.2016



# Manipal College of Nursing (MCON)

MCON offers unmatched training through its experienced faculty and the university's teaching hospitals.



www.manipal.edu/mcon

### #3

MCON Manipal Ranked 3rd among top Nursing Colleges in India Source: The Week - June 2012: Recruiters' take in India

Singapore has recognized nursing degrees awarded by four Nursing Colleges in India, one of that is MCON Manipal as mentioned in MRA Pact



#### MCON, Manipal

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 University's teaching hospitals, which provide wholesome experience in nursing education. The institution is certified as ISO 9001:2008 & ISO 14001:2004.

MCON is recognized by the Karnataka Nursing Council (KNC) and Indian Nursing Council (INC).

#### Student/Faculty Exchange programs

- Ngee Ann Polytechnic, Singapore
- Middlesex University, UK
- Mc. Master University, Canada
- Hochschule Bremen University, Germany
- University of Nottingham
- Auckland University of Technology, Auckland, New Zealand

#### Government Tie-ups

- Research funding of up to 1.14 crores INR from Global Fund to fight against Aids, Tuberculosis and Malaria, organized by INC
- Research funding of up to 55 lacs INR from ICMR DHR, New Delhi to train the Nurse Educators on Geriatric Health Care & Research

#### Placements

BSc Nursing graduates are given placements in associated teaching hospitals of Manipal University based on their merit (academic and non-academic records) subject to vacancies in the respective hospitals.

#### **Research Excellence**

As part of enabling students to prepare for successful careers in nursing, MCON encourages its students to participate in various research activities. Various seminars, conferences and research projects are undertaken by the students and faculty members at MCON campuses.

Research Excellence in Numbers

For the last 5 years	
Journal Article Publications	243
Conference/Workshop Presentations	317
Conference/Workshops/Seminars attended	648
Ongoing Research Projects	122
Research Completed	193

#### Quotes from alumni or students

"The experience I had at MCON's MSN program was truly superb. I enjoyed the intellectual challenge and stimulation offered by the course and fellow students. The MSN program has opened many doors for me; I'm now enrolled in top PhD and MBA programs in the USA and credit MCON for helping me achieve my academic and career goals".

> Santy Sajan MSN (2002 Batch) Currently: PhD at Catholic University of America, MBA final year student at John Hopkins University

### Courses offered

#### Bachelor of Science B.Sc. (Nursing)

Offered at MCON, Manipal

Duration: 4 years including Internship.

#### Eligibility

Citizenship: Indian nationals.

Date of Birth: Those born on or before 31.12.99 are eligible.

Qualification: Pass in 10+2, A Level, IB, American 12th grade or equivalent with Physics, Chemistry, Biology and English and a minimum of 45% marks in aggregate.

#### Admissions

General Category: Admissions are done on the basis of marks obtained in the qualifying examination and there is no entrance test.

Note: Candidates with foreign qualifications will have to obtain the 'Equivalence Certificate' from Association of Indian Universities, New Delhi who will equate their qualifications as equivalent to the 10+2 of India. This certificate will have to be submitted at the time of counseling. Students who are qualified with CBSE or ISCE or any other Indian Board qualifications need not submit the equivalency certificate. For details please visit our website www.manipal.edu

Foreign/NRI Category: Candidates desirous of applying under this category can write to foradmission@manipal.edu or call + 91 820 2571000/2922400. For online application and details visit : www.manipal.edu/intlug

Note: Candidates can apply both under General and Foreign/NRI categories. Change of category from Foreign/NRI to General after admission will not be entertained under any circumstances. The application given along with this prospectus can only be used to apply under the General Category.

Merit List, Counseling, Hostels For details, visit website www.manipal.edu

Course Fees, Hostel Fees, Refund Rules Refer Section 2

Last date for receipt of application: 01.07.2016

Commencement of Classes: 01.08.2016

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

Offered at MCON, Manipal

Duration: 2 years

#### Eligibility

Citizenship: Indian nationals.

**Qualification:** Pass in GNM after 10+2 or equivalent examination preferably with Science subjects.

Candidate should be a registered Nurse and registered Midwife or equivalent with any State Nursing Registration Council.

Note: Candidates should have completed their GNM course on or before 01.06.2016.

#### Admissions

General Category: Admissions are done on the basis of marks obtained in the qualifying examination.

Foreign/NRI Category: Candidates desirous of applying under this category can write to foradmission@manipal.edu or call + 91 820 2571000/2922400. For online application and details visit : www.manipal.edu/intlug

Note: Candidates can apply both under General and Foreign/NRI categories. Change of category from Foreign/NRI to General after admission will not be entertained under any circumstances. The application given along with this prospectus can only be used to apply for these courses under the General Category.

#### Merit List, Counseling, Hostels

For details, visit website www.manipal.edu

Course Fees, Hostel Fees, Refund Rules Refer Section 2

Last date for receipt of application: 15.07.2016

Commencement of Classes: 01.08.2016

#### Post Basic Diploma in Nursing

#### Manipal Campus

Post Basic Diploma - Cardio Thoracic Nursing	•
Post Basic Diploma - Critical Care Nursing	•
Post Basic Diploma - Emergency & Disaster Nursing	•
Post Basic Diploma - Psychiatric/Mental Health Nursing	•
Post Basic Diploma - Neonatal Nursing	•
Post Basic Diploma - Neuro Science Nursing	•
Post Basic Diploma - Nurse Practitioner in Midwifery	•
Post Basic Diploma - Oncology Nursing	•
Post Basic Diploma - Operation Room Nursing	•
Post Basic Diploma - Orthopaedic and Rehabilitation Nursing	•

#### Duration: 1 year

#### Eligibility

Citizenship: Indian national can apply under the general category. Foreign nationals or Non Resident Indians or Indian nationals supported by NRI relatives can apply under the Foreign/NRI category. Nurses from other countries must obtain an equivalence certificate from INC before admission.

Qualification: Pass in BSc/PBBSc Nursing /GNM recognized by Indian Nursing Council and a minimum of 55% marks in aggregate.

#### Admissions

General Category: Admissions are done on the basis of marks obtained in the qualifying examination.

Foreign/NRI Category: Admissions are done on the basis of marks obtained in the qualifying examination.

Note: Candidates can apply either under General Category or Foreign/NRI Category. Those submitting applications under both General and Foreign/NRI categories will be considered only under the General Category. Change of category at a later stage will not be entertained under any circumstances.

Note: PB Diploma course will be offered only if there are five or more applicants to that particular speciality course.

#### Merit List, Counseling, Hostels

For details, visit website www.manipal.edu

Course Fees, Hostel Fees, Refund Rules Refer Section 2

Last date for receipt of application: 15.07.2016

Commencement of Classes: 01.08.2016

#### Master of Science M.Sc. Nursing

Offered at MCON, Manipal Campus

- M.Sc. (Medical Surgical Nursing)
- M.Sc. (Obstetrics & Gynaecology Nursing)
- M.Sc. (Child Health [Paediatric] Nursing)
- M.Sc. (Psychiatric [Mental Health] Nursing)
- M.Sc. (Community Health Nursing)

#### Duration: 2 years

#### Eligibility

Citizenship: Indian nationals can apply under the General Category. Foreign nationals or Non Resident Indians or Indian nationals supported by NRI relatives can apply under the Foreign/NRI Category.

Qualification: Pass in BSc/PB BSc Nursing recognised by Indian Nursing Council, and a minimum of 55% marks in aggregate.

**Experience:** MSc Nursing applicants must have 1 year of experience as on 31.07.2016 after BSc Nursing in a hospital of at least 100 beds or in a community health program or in a school or college of nursing. PB BSc Degree holders need to have one year experience either before or after Post Basic BSc Nursing degree.

#### Admissions

General Category: Admissions are done on the basis of rank in the All India Manipal University Online Entrance Test (MU-OET) 2016.

Foreign/NRI Category: Admissions are done on the basis of marks obtained in the qualifying examination.

Note: Candidates can apply either under General Category or Foreign/NRI Category. Those submitting applications under both General and Foreign/NRI categories will be considered only under the General Category. Change of category at a later stage will not be entertained under any circumstances.

#### Merit List, Counseling, Hostels

For details, visit website www.manipal.edu

Course Fees, Hostel Fees, Refund Rules Refer Section 2

Last date for receipt of application: 05.04.2016

Commencement of Classes: 01.08.2016

#### Master of Philosophy M.Phil. (Nursing) - Part Time

Offered at MCON, Manipal Campus

Duration: 2 years

#### Eligibility

Citizenship: Indian Nationals can apply under the General Category. Foreign nationals or Non Resident Indians or Indian nationals supported by NRI relatives can apply under the Foreign/NRI Category.

Qualification: The candidate must have passed MSc Nursing recognised by Indian Nursing Council with at least 65% marks in aggregate.

Foreign/NRI Category: Admissions are done on the basis of marks obtained in the qualifying examination.

Note: Candidates can apply either under General Category or Foreign/NRI Category. Those submitting applications under both General and Foreign/NRI categories will be considered only under the General Category. Change of category at a later stage will not be entertained under any circumstances.

#### Admissions

General Category: Admissions are done on the basis of Selection Test consisting of a written test and an interview.

Selection Test, Merit List, Hostels For details, visit website www.manipal.edu

Course Fees, Hostel Fees, Refund Rules Refer Section 2

Last date for receipt of application: 01.07.2016

Commencement of Classes: 01.08.2016



## School of Regenerative Medicine

Manipal University-Bangalore Campus

School of Regenerative Medicine is a pioneering stem cell research institution in India.

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www.manipal.edu/regenerativemedicine

"School of Regenerative Medicine is one of the wellestablished pioneer stem cell institutes in our country. The two major flagships of this institute lies in teaching and research. Since its inception the institute has generated high quality students who are well equipped with stem cell intricate technologies. Student alumni from SORM have crossed the border and have made this institute proud by their performance across the country. In the research front, our institute has outpaced the past performance and has made immense contribution to the scientific community. In this year SORM have published in 18 high impact international journals and out of which two have crossed the impact factor 5 and another two are above impact factor 15. SORM boasts of being first in Asia to have a joint academic and research program in regenerative medicine. From then on SORM has firmly established itself in producing skilled personal and enthusiastic researchers who could spear head novel clinically relevant programs focusing on applications of stem cells for regenerative therapy. The aim of the school 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 scientists pursuing their PhD degree have brought home many recognizable awards like young scientist award from prestigious "KV Rao scientific research unit" and XXXV All India Cell Biology Conference. This clearly reflects the quality of the research that is undertaken in our institute. Scientific arena of this institute has significantly elevated SORMs austerity in the scientific community across the world, which in turn have bestowed larger expectations on the research unit of SORM in the coming year.

In the last year SORM has produced 3 Ph. D. students and published 18 papers in International journals.

SORM 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, in addition to SERB and Dr Reddy's Institute of Life Sciences.

SORM has collaborations with NIN Hyderabad, MSU Baroda, Curtin University Australia.

In the last year SORM has organized 2 National conferences on Stem cells and Hands on training workshop on Stem cells.

SORM also succeeded in recruiting DST WOMAN SCIENTIST in 2015. This will continue till 2018.

#### Advantage

- One of the few institutes that focus on stem cell research
- The first institute to offer a course in regenerative medicine in India
- Sophisticated equipment like Flow Cytometre, Fluorescence Microscopes and Real-time PCR

#### **Research Excellence**

The School received a research grant of over 1.9 crores INR in last 4 years. School of Regenerative Medicine has already been granted a patent in stem cell research (Patent No. 1588/CHE/2006).

#### Research Excellence in Numbers

For the last 5 years	
Research Papers	45
Conference Presentations	20
Workshops/Seminars	6
Ongoing Research Projects	8
Papers Published in International Journals	35

#### Collaborations

#### University Tie-ups

Berlin Brandenburg School for Regenerative Therapies, Berlin, Germany (PhD) & University of Leuven, Belgium.

A collaborative teaching program between SORM Manipal University and University of Colombo, Sri Lanka has been initiated for M.Sc. in Regenerative Medicine from 1st August 2013.

#### Industry and Government Tie-ups

Stempeutics Research Private Limited, Bangalore, ICMR and DBT and DST.

STEMADE Biotech Pvt. Ltd., Vile Parle Mumbai, Rasayani Biologicals Pvt. Ltd Pune, Daiichi Sankyo India Pharma Private Limited (DSIN) Gurgaon. ICMR.DST DBT DRDO CSIR.

#### Placements

Students passing out from School of Regenerative Medicine 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 course structure, which 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 Indian Institute of Science (Bangalore), NCBS (Bangalore), Stempeutics Research Pvt Ltd (Bangalore), National Institute of Immunology (New Delhi), Berlin Brandenburg School of Regenerative Therapies Germany), AstraZeneca (Bangalore), Indiana Purdue University (USA), Stem Cell Institute (Leuven, Belgium) etc. Leading stem cell companies are looking for potential employees from School of Regenerative Medicine, as the School is the only organization in India offering training in stem cells from post-graduate to doctoral levels.

#### Quote from alumni or student

"This School is a place where people with a zeal to learn will be encouraged. The college has excellent facilities to support every experiment and has taught me to think and innovate".

> Ms. Keerthi Bodupally MSc Regenerative Medicine (2007 Batch)



### **Courses offered**

#### Master of Science M.Sc. (Regenerative Medicine)

Duration: 2 years

#### Eligibility

Citizenship: Indian nationals can apply under General Category. Foreign nationals or Non Resident Indians or Indian nationals supported by NRI relatives can apply under the Foreign/NRI Category.

Qualification: The candidates must have passed BSc with at least one subject of biological sciences or MBBS or BPharm or BVSc or BE Biotechnology or any other professional graduate programme from a recognised university and a minimum of 60% marks in aggregate.

#### Admissions

General Category: Admissions are done on the basis of rank in the All India Manipal University Online Entrance Test (MU-OET) 2016.

Foreign/NRI Category: Admissions are done on the basis of marks obtained at the qualifying examination.

Note: Candidates can apply either under General Category or Foreign/NRI Category. Those submitting applications under both General and Foreign/NRI categories will be considered only under General Category. Change of category at a later stage will not be entertained under any circumstances.

#### Entrance Test, Counseling, Hostels For details, visit website www.manipal.edu

Course Fees, Hostel Fees, Refund Rules Refer Section 2

Last date for receipt of application: 01.06.2016

Commencement of Classes: 20.07.2016

#### Master of Philosophy M.Phil (Regenerative Medicine)

Duration: 1 year

#### Eligibility

Citizenship: Indian nationals can apply under the General Category. Foreign nationals or Non Resident Indians or Indian nationals supported by NRI relatives can apply under the Foreign/NRI Category.

Qualification: The candidates must have passed MSc in any branch of Life Sciences/MSc in Biotechnology/ MPharm/ MBBS/MVSc/MDS/ MD/MSc in Regenerative Medicine/ Clinical Embryology and other paramedical courses and a minimum of 50% marks in aggregate.

#### Admissions

General Category: Admissions are done on the basis of rank in the Manipal University Entrance Test conducted at MIRM, Bangalore.

Foreign/NRI Category: Admissions are done on the basis of marks obtained at the qualifying examination.

Note: Candidates can apply either under General Category or Foreign/NRI Category. Those submitting applications under both General and Foreign/NRI categories will be considered only under General Category. Change of category at a later stage will not be entertained under any circumstances.

#### Entrance Test, Counseling, Hostels

For details, visit website www.manipal.edu

Course Fees, Hostel Fees, Refund Rules Refer Section 2

Last date for receipt of application: 01.12.2015

Commencement of Classes: 10.01.2016

### Advanced Post Graduate Diploma in Stem Cell and Regenerative Medicine

Duration: 1year.

#### Eligibility

Citizenship: Indian nationals can apply under the General Category. Foreign nationals or Non Resident Indians or Indian nationals supported by NRI relatives can apply under the Foreign/NRI Category.

Qualification: The candidates must have passed Bachelors in Life Sciences/BTech/BE in Biotechnology/ Biomedical/ MBBS/BDS/BVSc and Allied Health Sciences from a recognised university and a minimum of 60% marks in aggregate.

#### Admissions

General/Foreign/NRI Category: Admissions are done on the basis of marks obtained in the qualifying examination and there is no entrance test.

Note: Candidates can apply either under General category or Foreign/NRI Category. Those submitting applications under both General and Foreign/NRI categories will be considered only under the General Category. Change of category at a later stage will not be entertained under any circumstances.

#### Merit List, Counseling, Hostels

For details, visit website www.manipal.edu

Course Fees, Hostel Fees, Refund Rules Refer Section 2

Last date for receipt of application: 30.06.2016

Commencement of Classes: 25.07.2016

# Manipal University Dubai

Manipal University established its presence in Dubai, UAE in the year 2000 and has grown into a leading multi-disciplinary university in the Middle East attracting students not only from UAE but from across the GCC Region, rest of Middle East & Africa and from India. At present, Manipal University, Dubai enrolls over 2000 students from 35 nations across the globe.



www.manipaldubai.com



#### Vision:

To be the leading university in the Middle East & Africa region dedicated to the pursuit of academic excellence while empowering learners and transforming lives by delivering an affordable and technology enabled experience.

#### About Manipal University, Dubai

Over the years, Manipal University, India has evolved into a multi-campus, multi-discipline university. Manipal University, Dubai is yet another illustration of its dream of spreading quality higher education worldwide. The campus at Dubai was set up with the objective of providing quality education for students from UAE and neighbouring countries.

Manipal University established its presence in Dubai, UAE in the year 2000 and has grown into a leading multi-disciplinary university in the Middle East attracting students not only from UAE but from across the GCC and the rest of the Middle East and Africa region. At present, Manipal University, Dubai enrols over 2000 students from 35 nations across the globe.

Similar to its mother campus back home in Manipal, the Dubai branch campus of Manipal University offers students a variety of disciplines to pursue their undergraduate and graduate studies, ranging from laboratory & workshop intensive courses like Engineering, Information Technology & Biotechnology to creative and new-age disciplines like Interior Design and Media & Communication. The university also offers a highly hands-on, industry relevant program in management & business studies both at the undergraduate as well as at the graduate level. MU Dubai's MBA Program has been Ranked #3 in the Middle East Region by Forbes Magazine (Middle East). The latest programs to be introduced at Dubai campus is a 3 year Bachelor of Commerce by the School of Business. The university has also recently introduced high end Masters level programs in Engineering and an undergraduate program in Chemical Engineering.

Since its inception, Manipal University Dubai has a thriving alumni base of over 4000+ students most of whom have gone on to pursue their further studies at leading universities across the world while others have joined the corporate sector in the UAE and in India and are making a positive impact at their workplace and to the society at large.

#### Manipal University Dubai's Purpose-Built Campus

MU, Dubai moved into its iconic state-of-the-art campus in September 2011. Spread over 750,000 square feet of built up area, the sprawling campus can accommodate over 4,000 students. Apart from contemporary purpose built classrooms, the new campus at Dubai International Academic City (DIAC) houses cutting edge laboratories in disciplines such as Engineering, Biotechnology and Information Technology and is also home to some of the region's best studios and workshops for programs in Media & Communications & Interior Design. The campus also houses a sprawling library, cafeteria, abundant indoor and outdoor sporting facilities, including an athletics track, tennis courts, a gym and fitness centre and a recreation centre for boys and oirls. The entire campus is wi-fi enabled.

#### Student Life at Manipal University, Dubai

Beyond academics, students at MU, Dubai get ample exposure to extra-curricular events, sports activities and other cultural events. The university has a flourishing sports team which has won laurels at all leading university level events in the region and is equally active in cultural and literary activities in Dubai. 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 University Dubai has a dedicated Placement & Internships Cell providing excellent career opportunities for 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

SI.No	Foundation & Certificate Programmes	Duration	Appn Fee	Regn Fee	Tuition Fee/Yr
1	Foundation Program	1 year	100	1,500	27,500
2	Certificate in Interior Design	1 year	100	1,500	27,500
3	Certificate in Graphics & Multimedia	1 year	100	1,500	27,500

Fees in AED

SI.No	Bachelors Programs (Non Engineering)	Duration	Appn Fee	Regn Fee	Tuition Fee/Yr
1	Bachelors in Business Administration (BBA)	3 years	100	1,900	36,000
2	B Sc. Information Systems & Management	3 years	100	1,900	38,000
3	BA (Interior Design)	3 years	100	1,900	39,000
3	B Des (Interior Design)	4 years	100	1,900	39,000
4	BA Media & Communication	3 years	100	1,900	42,000
5	BSc Biotechnology	3 years	100	1,900	39,000
6	Bachelor in Commerce - B.Com (Professional)	3 years	100	1,500	27,000
7	BSc Applied Science	3 years	100	1,900	49,000
	Bachelors Programmes (Engineering & Architecture)				
	Bachelors in Technology (B Tech)		100	1900	39,000
	- Civil Engineering				
	- Mechanical Engineering				
1	- Electronics & Communication Engineering	4 Years			
	- Computer Science & Engineering	_			
	- Mechatronics Engineering				
	- Chemical Engineering				
2	Bachelor of Architecture (B Arch)	5 Years	100	1,900	39,000

SI.No	Masters Programmes	Duration	Appn Fee	Regn Fee	Tuition Fee/Yr
1	Masters in Business Administration (MBA) – Global Business	2 years	100	1,500	52,000
2	Masters in Business Administration (MBA) - Eve/Wknd				30,000
3	MSc Information Sciences				30,000
4	MSc Medical Biotechnology				36,750
5	MSc Molecular Biology & Human Genetics				36,750
6	MA Media & Communication				32,500
7	MA Interior Design				32,500
8	M Tech Digital Electronics & Advanced Communication				30,000
9	M Tech Manufacturing Engineering & Technology				30,000
10	M Tech Construction Engineering & Management				30,000

Notes: All Figures are in AED (Arab Emirate Dirhams)

#### 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
- For B.Arch program, the tuition fee to be paid in the final year would be 50% of the yearly tuition fee

#### Academic Fees:

Exam Fee : AED 75 per subject per semester Graduation Fee : AED 750

Alumni Fee : AED 500 (one-time & optional)

#### Non-academic Fees:

Transport Fee-

Dubai : AED 1,875 per semester Sharjah & Ajman : AED 2,000 per semester

#### Hostel Fee:

AED 30,000 per year (all inclusive)#

Hostel Caution Deposit: AED 500\*

# Applicable till occupation of current hostel. On shifting to new hostel, fees are subject to change (To-be-informed in due course)

\*Deposit is refundable at the end of the program after deduction towards damages/loss of items, if any, caused by student

#### Student Visa Charges:

AED 3,000 per year (including Emirates ID)

Visa Caution Deposit: AED 5,000\*

Visa Fee is decided by the UAE Government and is subject to change;

Students availing visa fee must also obtain Health Insurance cover

\*Deposit is refundable at the end of the program after deduction towards damages/loss of items, if any, caused by student

#### Details of Scholarships & Subsidies available at Manipal University, Dubai

Manipal University, Dubai, offers following scholarships recognizing the merit of deserving candidates:

• Merit Scholarships for students from CBSE / ISC, for entering in to Undergraduate programs as a waiver of first semester tuition fee:

Marks	Scholarship
Above 95%	30%
90% - 95%	25%
80% - 89%	20%
70% - 79%	15%

 Merit Scholarships for students from A level schools, for entering in to Undergraduate programs as a waiver of first semester tuition fee:

Grade	Scholarship
2 A Stars	30%
1 A star & 1 A	25%
2 A	20%
1A&1B	15%

• Sports scholarship will be awarded @ 5% to 50% discount on full 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) • Extended scholarship for lateral admissions from 2nd Semester onwards

Grade	Scholarship
BBA, MBA and B.Sc. Information system CGPA 9 & above	15%
BBA, MBA and B.Sc. Information system CGPA 8 – 8.99	10%
All other UG program CGPA 9 & above	15%

#### • Alumni Scholarships for Master Program:

15% waiver on full year tuition fee for students whose CGPA is 9 & above on 10 point scale and 3.6 & above on 4 point scale.

### • Merit Scholarship for MBA program for waiver on full year tuition fees:

Grade	Scholarship
UG with less than 3 years work experience and 70% & above CGPA	10%
UG with more than 3 years work experience and 60% & above CGPA	10%

For more details and assistance, please contact Admissions Office, Manipal University Dubai

#### Admission Requirements (Eligibility):

#### Foundation Programme:

The candidate must have passed 'O' level (minimum five subjects) with a minimum overall grade of 'D'. Candidates passing 'A' Level/10+2, or equivalent, who have not acquired the required grade to get into the Undergraduate programme may also join.

#### Certificate Programme:

Candidates must have passed 12th Standard or equivalent / 'O' Level.

#### Undergraduate Programmes:

For admission to the BBA, BCom, BSc Information Systems & Management, BA Media & Communication and BA Interior Design Programmes, candidates must have passed the qualifying 10+2 examination or its equivalent from a recognised board with at least 50% aggregate marks

For admission to the BSc Biotechnology programme, students must have passed 10+2 examination with Physics, Chemistry & Biology or Physics, Chemistry & Mathematics with at least 50% aggregate marks.

'A' level students need to have minimum 2 subjects or 4 subjects in 'AS' level.

#### **BTech Engineering Programmes:**

Admission to all BTech programmes is open to students who have passed the qualifying 10+2 examination or its equivalent from a recognised board with Physics, Chemistry & Mathematics subjects with at least 50% aggregate marks.

#### **BArch Programme:**

Admission to the BArch programme is open to students who have passed the qualifying 10+2 examination or its equivalent from a recognised board with English and Mathematics as compulsory subjects with at least 50% aggregate marks.

'A' level students need to have minimum 3 subjects or 4 subjects in 'AS' level.

Candidates must also have a minimum score of 80 marks in All India National Aptitude Test in Architecture (NATA) conducted by the Council of Architecture (CoA).

#### Postgraduate Programmes:

Admission to the MBA programme is open to fresh graduates and working executives / self- employed professionals who have a Bachelors Degree from a recognised university.

Admission to MSc/MA programme is open to graduates with Bachelors Degree in relevant area from a recognised university. However working executives/self-employed professionals who have Bachelors Degree in other disciplines may also be considered for admission, subject to the approval of the Chair of the School and the Academic Committee.

#### For admission details please contact:

Admissions Manager Manipal University, Dubai G 04, Dubai International Academic City PO Box: 345050, Dubai, UAE

Phone: +971 4 4290 777 (UAE) E-mail: admissions@manipaldubai.com www.manipaldubai.com

# Section 2

#### Fees

- Course Fee Structure
- Hostel Fee Structure
- Refund Rules

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GENE	GENERAL CATEGORY FEES	He	alth Scien	Health Science Courses	S					
		Course			O	Course Fees				2016 Batch
S	COURSE	Duration (in years)	1st Installment (₹)	Registration Fees (₹)	1st Installment Total (₹)	2nd Installment (₹)	3rd Installment (₹)	4th Installment (₹)	5th Installment (₹)	Total Course Fee (₹)
Depai	Department of Atomic & Molecular Physics									
-	MSc Photonics/ MSc Nano Science & Technology/ MSc Biophysics	0	65,000	10,000	75,000	65,000	I	1	1	140,000
N	Certificate Course in Nano Science & Technology/ Certificate Course in Laser Applications in Biology & Medicine	3 months	9,000	ı	9,000	1	ı	1	1	9,000
Kastu	Kasturba Medical College									
က	MBBS	4.5	919,000	10,000	929,000	919,000	919,000	919,000	457,000	4,143,000
4	MSc (Medical): (Anatomy/ Biochemistry/ Microbiology/ Physiology/ Pharmacology)	0	000,66	10,000	109,000	000'66	I	I	I	208,000
2	MSc (Medical) Clinical Embryology	2	419,000	10,000	429,000	419,000		1	1	848,000
9	MSc (Genetics Counseling)	2	52,000	10,000	62,000	52,000		1	1	114,000
2	MSc (Yoga Therapy)	2	35,000	10,000	45,000	35,000		1	1	80,000
ω	MPhil (Psychiatric Social Work)	2	75,000	10,000	85,000	75,000	1		1	160,000
တ	DM: (Cardiology/ Gastroentology/ Neurology/ Nephrology)	က	1,694,000	10,000	1,704,000	1,694,000	1,694,000	1	1	5,092,000
<del>1</del> 0	MCh: (Neuro Surgery/ Urology)	ო	1,694,000	10,000	1,704,000	1,694,000	1,694,000	1	1	5,092,000
7	MCh: (Cardiothoracic Surgeny/ Paediatric Surgery)	ი	1,399,000	10,000	1,409,000	1,399,000	1,399,000	1	1	4,207,000
12	PG Degree: (MD Paediatrics/ MS Orthopaedics)	က	1,685,000	10,000	1,695,000	1,685,000	1,685,000	1	I	5,065,000
13	PG Degree: (MD Paediatrics/ MS Orthopaedics) (For Diploma Holders)	2	1,685,000	10,000	1,695,000	1,685,000	I	1	I.	3,380,000
14	PG Degree: MD Radiodiognosis	က	1,996,000	10,000	2,006,000	1,996,000	1,996,000	I	I	5,998,000
15	PG Degree: MD Radiodiognosis (For Diploma Holders)	2	1,996,000	10,000	2,006,000	1,996,000	1	T	I	4,002,000
16	PG Degree: MD Hospital Administration	ო	1,258,000	10,000	1,268,000	1,258,000	1,258,000		1	3,784,000
17	PG Degree: MD Pathology	က	1,385,000	10,000	1,395,000	1,385,000	1,385,000	1	1	4,165,000
<del>1</del> 8	PG Degree: MD Pathology (For Diploma Holders)	2	1,385,000	10,000	1,395,000	1,385,000	1		1	2,780,000
19	PG Degree: MD Microbiology	ი	1,031,000	10,000	1,041,000	1,031,000	1,031,000	1	1	3,103,000
20	PG Degree: MD (Anaesthesiology/ Psychiatry/ Pulmonary Medicine/ Radiotherapy/ Immunohematology & BT)	3	1,247,000	10,000	1,257,000	1,247,000	1,247,000	I	I	3,751,000
21	PG Degree: MD (Anaesthesiology/ Psychiatry/ Pulmonary Medicine/ Radiotherapy/ Immunohematology & BT) (For Diploma holders)	5	1,247,000	10,000	1,257,000	1,247,000	I	I	1	2,504,000
22	PG Degree: MD (Dermatology V&L/ General Medicine)	ო	1,372,000	10,000	1,382,000	1,372,000	1,372,000		1	4,126,000

		Course			O	Course Fees				2016 Batch
ល	COURSE	Duration (in years)	1st Installment (ኛ)	Registration Fees (₹)	1st Installment Total (₹)	2nd Installment (₹)	3rd Installment (₹)	4th Installment (₹)	5th Installment (₹)	Total Course Fee (₹)
23	PG Degree: MD (Dermatology V&L/ General Medicine) (For Diploma Holders)	0	1,372,000	10,000	1,382,000	1,372,000	I	1	1	2,754,000
24	PG Degree: MS (General Surgery/ OBG/ Ophthalmology/ Oto-Rhino-Laryngology)	v	1,509,000	10,000	1,519,000	1,509,000	1,509,000	1	T	4,537,000
25	PG Degree: MS (General Surgery/ OBG/ Ophthalmology/ Oto-Rhino-Laryngology) (For Diploma Holders)	0	1,509,000	10,000	1,519,000	1,509,000	1	1	I.	3,028,000
26	PG Degree: MD (Anatomy/ Biochemistry/ Physiology, Forensic Medicine) - 50% scholarship	v	384,000	10,000	394,000	384,000	384,000	1	I	1,162,000
27	PG Degree: MD (Community Medicine/ Pharmacology)	ო	844,000	10,000	854,000	844,000	844,000	1	1	2,542,000
28	PG Diploma: (DCH/ D Ortho)	2	1,314,000	10,000	1,324,000	1,314,000		1	1	2,638,000
29	PG Diploma: DMRD	2	1,564,000	10,000	1,574,000	1,564,000		1	1	3,138,000
30	PG Diploma: (DA/ DDVL/ DGO/ DLO/DO/ DPM)	2	1,029,000	10,000	1,039,000	1,029,000		T	1	2,068,000
а <del>1</del>	PG Diploma: DCP	2	676,000	10,000	686,000	676,000	ı	ı	1	1,362,000
32	PG Certificate Course in Panchakarma	6 months	33,000		33,000	1		T	1	33,000
33	Advanced Training Program (Clinical Genetics/ Diabetes Care)	÷	61,000	T	61,000	I	I	I	1	61,000
Schoo	School of Allied Health Sciences									
34	BPT	4	128,000	10,000	138,000	128,000	128,000	128,000	1	522,000
35	BSc NMT	4	128,000	10,000	138,000	128,000	128,000	128,000	1	522,000
36	BASLP/ BSc MIT/ BSc CVT	S	141,000	10,000	151,000	141,000	141,000	I	I.	433,000
37	BOptom/ BSc RT	က	128,000	10,000	138,000	128,000	128,000	ı	1	394,000
38	BOT	4	108,000	10,000	118,000	108,000	108,000	108,000	1	442,000
39	BSc RRT&DT/ BSc PFT/ BSc MRT	ю	118,000	10,000	128,000	118,000	118,000	I	I	364,000
40	BSc HIA	ი	108,000	10,000	118,000	108,000	108,000	I	I	334,000
41	BSc MLT	က	70,000	10,000	80,000	70,000	70,000	I	1	220,000
42	BSc (Exercise & Sports Sciences)	4	60,000	10,000	70,000	60,000	60,000	60,000	1	250,000
43	MSc Medical Radiation Physics	2	137,000	10,000	147,000	137,000	1	I	I	284,000
44	MOT	2	185,000	10,000	195,000	185,000	1	I	I.	380,000
45	MPT	2	268,000	10,000	278,000	268,000	ı	I	I	546,000
46	MPT Sports & Clinical Biomechanics *	2	314,000	10,000	324,000	**	1	I	T	324,000
47	MSc NMT	2	177,000	10,000	187,000	177,000		1	I	364,000

		Course			Ō	Course Fees				2016 Batch
<u>0</u>	COURSE	Duration (in years)	1st Installment (₹)	Registration Fees (₹)	1st Installment Total (₹)	2nd Installment (₹)	3rd Installment (₹)	4th Installment (₹)	5th Installment (₹)	Total Course Fee (₹)
48	MSc NMT (Lateral)	٦	177,000	10,000	187,000	1	1	1	1	187,000
49	MSc MIT	2	204,000	10,000	214,000	204,000		1	I	418,000
50	MOptom	2	185,000	10,000	195,000	185,000		I	I	380,000
51	MSc Echocardiography/MSc Cardiac Cath & Intervention Technology	2	164,000	10,000	174,000	164,000	ı	I	I	338,000
52	MSc Perfusion Technology	0	151,000	10,000	161,000	151,000		I	T	312,000
53	MASLP	0	247,000	10,000	257,000	247,000	T	1	I	504,000
54	MSc MLT	0	123,000	10,000	133,000	123,000	T	I	I	256,000
55	MSc RT	0	158,000	10,000	168,000	158,000	I	I	I	326,000
56	MSc HHIA	0	123,000	10,000	133,000	123,000	I	I	I	256,000
57	MSc RRT&DT	0	177,000	10,000	187,000	177,000	I	I	I	364,000
58	MSc Health Informatics (Healthcare IT Management/ Software Development & Management)	5	105,000	10,000	115,000	105,000	I	I	I	220,000
59	MSc Exercise & Sports Sciences	0	145,000	10,000	155,000	145,000	I	I	I	300,000
60	MSc Clinical Psychology	0	120,000	10,000	130,000	120,000	I	I	I	250,000
61	MPhil Clinical Psychology	2	137,000	10,000	147,000	137,000	I	1	I	284,000
Manip	Manipal College of Dental Sciences									
62	BDS	4	506,000	10,000	516,000	506,000	506,000	506,000	1	2,034,000
63	PG Degree: MDS (Orthodontics/Conservative Dentistry)	ю	1,312,000	10,000	1,322,000	1,312,000	1,312,000	I	I	3,946,000
64	PG Degree: MDS (Oral Surgery/ Pedodontics/Prosthodontics)	ю	1,202,000	10,000	1,212,000	1,202,000	1,202,000	I	I	3,616,000
65	PG Degree: MDS (Periodontology/Public Health Dentistry)	က	948,000	10,000	958,000	948,000	948,000	1	I	2,854,000
66	PG Degree: MDS Oral Pathology/Oral Medicine	c	862,000	10,000	872,000	862,000	862,000	I	I	2,596,000
67	PG Diploma in Dental Materials	2	177,000	10,000	187,000	177,000	I	I	I	364,000
68	PG Certificate Course in Oral Implantology	-	358,000	10,000	368,000	I	I	I	I	368,000
69	PG Certificate Course in Aesthetic Dentistry	-	269,000	10,000	279,000	I	I	I	I	279,000
20	PG Certificate Course in Advanced Restorative Dentistry	-	340,000	10,000	350,000	I	I	I	I	350,000
71	PG. Certificate Course in Laser Dentistry	6 months	170.000	10,000	180,000	I	ı	I	I	180.000

		Course			Ŏ	Course Fees				2016 Batch
ល	COURSE	Duration (in years)	1st Installment (ኛ)	Registration Fees (₹)	1st Installment Total (₹)	2nd Installment (₹)	3rd Installment (₹)	4th Installment (₹)	5th Installment (₹)	Total Course Fee (₹)
Manip	Manipal College of Nursing, Manipal									
72	BSc Nursing	4	000'66	10,000	109,000	000'66	000'66	99,000	1	406,000
73	PB BSc Nursing	2	100,000	10,000	110,000	100,000		1	1	210,000
74	MSc Nursing	2	119,000	10,000	129,000	119,000	ı	ı	1	248,000
22	MPhil Nursing	2	61,000	10,000	71,000	61,000		1	1	132,000
76	Post Basic Diploma in Nursing	-	28,000		28,000			1	1	28,000
Manip	Manipal College of Pharmaceutical Sciences									
27	B Pharm	4	191,000	10,000	201,000	191,000	191,000	191,000	1	774,000
78	B Pharm (Lateral)	ო	191,000	10,000	201,000	191,000	191,000		1	583000
62	B Pharm (Practice)	2	90,000	10,000	100,000	100,000	I	I	1	200,000
80	PharmD	5	314,000	10,000	324,000	314,000	314,000	314,000	314,000	1,580,000
81	PharmD Post Baccalaureate Program	2	380,000	10,000	390,000	380,000	I	I	1	770,000
82	PG Diploma in Drug Analysis	-	90,000	10,000	100,000	1	1	I	1	100,000
83	M Pharm	2	271,000	10,000	281,000	271,000	I	I	I	552,000
Schoo	School of Regenerative Medicine									
84	MSc Regenerative Medicine	2	304,000	10,000	314,000	304,000	I	I	1	618,000
85	MPhil Regenerative Medicine	-	440,000	10,000	450,000			1	1	450,000
86	Advanced Post Graduate Diploma in Stem Cells & Regenerative Medicine	-	225,000	10,000	235,000	1			T	235,000
Schoo	School of Life Sciences									
87	BSc Biotechnology	З	107,000	10,000	117,000	107,000	107,000	I	I	331,000
88	MSc Biotechnology/Molecular Biology & Human Genetics	2	233,000	10,000	243,000	233,000	ı	I	1	476,000
89	MSc Bioinformatics	2	100,000	10,000	110,000	100,000	I	I	I	210,000
Depart	Department of Virus Research									
06	MSc Clinical Virology	0	91,000	10,000	101,000	91,000	1	I	1	192,000
Manipa	Manipal Centre for Natural Sciences									
91	MPhil Natural Sciences	1.5	78,000	10,000	88,000	44,000	I	I	I	132,000

\*\* Additional expenses included in the project work to be borne by the students as applicable to the place of project work \* Provision for project work/internship outside India

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**Health Science Courses** 

		Course			ŏ	Course Fees				2016 Batch
ល	COURSE	Duration (in years)	1st Installment (US \$)	Registration Fees (US \$)	1 st Installment Total (US \$)	2nd Installment (US \$)	3rd Installment (US \$)	4th Installment (US \$)	5th Installment (US \$)	Total Course Fee (US \$)
Depart	Department of Atomic & Molecular Physics									
-	MSc Photonics/ MSc Nano Science & Technology/ MSc Biophysics	CI	3,900	300	4,200	3,900	I	I	I	8,100
Kastur	Kasturba Medical College									
0	MBBS	4.5	46,100	300	46,400	46,100	46,100	46,100	23,000	207,700
က	MSc (Medical): (Anatomy/Biochemistry/Microbiology/ Physiology/ Pharmacology)	CI	5,100	300	5,400	5,100	I	I	1	10,500
4	MSc (Medical) Clinical Embryology	0	20,800	300	21,100	20,800		1		41,900
5	MSc (Genetic Counseling)	0	3,800	300	4,100	3,800		T		7,900
9	MSc (Yoga Therapy)	0	4,200	300	4,500	4,200				8,700
2	MPhil (Psychiatric Social Work)	0	5,900	300	6,200	5,900	1	I	1	12,100
ω	PG Degree: (MD Paediatrics/ MS Orthopaedics)	ო	58,600	300	58,900	58,600	58,600			176,100
თ	PG Degree: (MD Paecliatrics/ MS Orthopaedics) (for diploma holders)	5	58,600	300	58,900	58,600	I	I	I	117,500
10	PG Degree: MD Radiodiognosis	ო	73,300	300	73,600	73,300	73,300	I	1	220,200
÷	PG Degree: MD Radiodiognosis (for diploma holders)	2	73,300	300	73,600	73,300	1	1	1	146,900
12	PG Degree: MD (Anaesthesiology/ Dermatology V&L/ General Medicine/ Psychiatry/ Pulmonary Medicine/ Radiotherapy/ Immunohematology & BT)	ო	49,000	300	49,300	49,000	49,000	1	1	147,300
13	PG Degree: MD (Anaesthesiology/ Dermatology V&L/ General Medicine/ Psychiatry/ Pulmonary Medicine/ Radiotherapy/ Immunohematology & BT) (for diploma holders)	N	49,000	300	49,300	49,000		1	1	98,300
14	PG Degree: MS (General Surgery/ OBG/ Ophthalmology/ Oto-Rhino-Laryngology)	ო	53,900	300	54,200	53,900	53,900	I	I	162,000
15	PG Degree: MS (General Surgery/ OBG/ Ophthalmology/ Oto-Rhino-Laryngology) (for diploma holders)	2	53,900	300	54,200	53,900	I	I	I	108,100
16	PG Degree: MD (Anatomy/ Biochemistry/ Physiology/ Community Medicine/ Forensic Medicine/ Pharmacology)	ю	20,900	300	21,200	20,900	20,900	I	I	63,000
17	PG Degree: MD (Pathology/ Microbiology/ Hospital Administration)	S	38,100	300	38,400	38,100	38,100	I	I	114,600
18	PG Degree: MD (Pathology) (for diploma holders)	2	38,100	300	38,400	38,100	1	I	1	76,500
19	PG Diploma: (DCH/ D Ortho)	0	49,000	300	49,300	49,000	1	1	1	98,300

					0	Course Fees				2016 Batch
<del>.</del>	COURSE	Duration (in years)	1st Installment (US \$)	Registration Fees (US \$)	1st Installment Total (US \$)	2nd Installment (US \$)	3rd Installment (US \$)	4th Installment (US \$)	5th Installment (US \$)	Total Course Fee (US \$)
20	PG Diploma: DMRD	2	57,700	300	58,000	57,700	1	1	1	115,700
21	PG Diploma: (DA/ DDVL/ DGO/ DLO/DO/ DPM)	2	44,000	300	44,300	44,000		1	1	88,300
22	PG Diploma: DCP	2	19,400	300	19,700	19,400		ı	1	39,100
23	PG Certificate Course in Panchakarma	6 months	006	300	1,200	I	1	I	1	1,200
Schoo	School of Allied Health Sciences									
24	BPT	4	5,800	300	6,100	5,800	5,800	5,800		23,500
25	BOT/BSc NMT	4	5,500	300	5,800	5,500	5,500	5,500	1	22,300
26	BOptom/BSc CVT/BSc PFT	ო	6,100	300	6,400	6,100	6,100			18,600
27	BASLP/BSc MIT/BSc HIA/BSc MLT/BSc RT/BSc MRT/ BSc Renal Replacement Therapy & Dialysis Technology	ო	5,800	300	6,100	5,800	5,800	I	I	17,700
28	BSc (Exercise & Sports Sciences)	4	2,500	300	2,800	2,500	2,500	2,500		10,300
29	MSc Medical Radiation Physics	2	7,450	300	7,750	7,450				15,200
30	MSc MLT/MSc RT/MSc Renal Replacement Therapy & Dialysis Technology	N	6,450	300	6,750	6,450	T	I	I	13,200
а <del>1</del>	MPT	2	12,600	300	12,900	12,600				25,500
32	MSc NMT/MSc Echocardiography/MOT/MASLP/ MOptom/MSc MIT/MSc Cardiac Cath & Intervention Technology	N	12,000	300	12,300	12,000		ı	1	24,300
33	MSc NMT (Lateral)	-	12,000	300	12,300	I		1		12,300
34	MSc HHIA	2	6,450	300	6,750	6,450		•		13,200
35	MSc Perfusion Technology	2	6,150	300	6,450	6,150		1		12,600
36	MSc Health Informatics (Healthcare IT Management/ Software Development & Management)	0	3,900	300	4,200	3,900	I	I	I	8,100
37	MSc Exercise & Sports Sciences	0	4,300	300	4,600	4,300	1	I	1	8,900
38	MSc Clinical Psychology	0	4,300	300	4,600	4,300	I	I	I	8,900
39	MPhil Clinical Psychology	2	7,450	300	7,750	7,450	1	I	1	15,200
Manip	Manipal College of Dental Sciences									
40	BDS	4	30,950	300	31,250	30,950	30,950	30,950	I	124,100
41	PG Degree: MDS Orthodontics/Conservative Dentistry	ю	46,150	300	46,450	46,150	46,150	I	I	138,750
42	PG Degree: MDS Prosthodontics/Oral Surgery/Pedodontics	က	40,100	300	40,400	40,100	40,100			120,600
43	PG Degree: MDS Periodontology/Public Health Dentistry/ Oral Pathology/Oral Medicine	ю	38,300	300	38,600	38,300	38,300	I	I	115,200
44	PG Diploma in Dental Materials	N	10,400	300	10,700	10,400	I	I	I	21,100

		Course			Ō	Course Fees				2016 Batch
S	COURSE	Duration (in years)	1st Installment (US \$)	Registration Fees (US \$)	1st Installment Total (US \$)	2nd Installment (US \$)	3rd Installment (US \$)	4th Installment (US \$)	5th Installment (US \$)	Total Course Fee (US \$)
45	PG Certificate Course in Oral Implantology	+	12,950	300	13,250	1		1	1	13,250
46	PG Certificate Course in Aesthetic Dentistry	÷	10,900	300	11,200	1	1	1	1	11,200
47	PG Certificate course in Laser Dentistry	6 months	5,000	300	5,300					5,300
Manip	Manipal College of Nursing									
48	BSc Nursing	4	4,550	300	4,850	4,550	4,550	4,550	1	18,500
49	PB BSc Nursing	2	4,700	300	5,000	4,700			1	9,700
50	MSc Nursing	2	6,150	300	6,450	6,150		1	1	12,600
51	MPhil Nursing	2	4,900	300	5,200	4,900		1	1	10,100
52	Post Basic Diploma in Nursing	٦	1,200	300	1,500	1	1	1	1	1,500
Manip	Manipal College of Pharmaceutical Sciences									
53	B Pharm	4	7,800	300	8,100	7,800	7,800	7,700	1	31,400
54	B Pharm (Lateral)	က	7,800	300	8,100	7,800	7,800	1	1	23,700
55	PharmD	Ð	9,000	300	9,300	8,900	8,900	8,900	8,900	44,900
56	M Pharm	2	9,300	300	9,600	9,300	1	1	1	18,900
57	PharmD Post Baccalaureate Program	2	12,900	300	13,200	12,900	I	ı	I	26,100
Schoo	School of Regenerative Medicine									
58	MSc Regenerative Medicine	2	15,850	300	16,150	15,850	1	1	1	32,000
59	MPhil Regenerative Medicine	1	17,600	300	17,900	1	1	I	1	17,900
60	Advanced Post Graduate Diploma in Stem Cells & Regenerative Medicine	+	14,500	300	14,800	I	I	I	I	14,800
Schoo	School of Life Sciences									
61	BSc Biotechnology	ю	5,100	300	5,400	5,050	5,050	I	I	15,500
62	MSc Biotechnology/MSc Molecular Biology & Human Genetics	2	10,900	300	11,200	10,900	I	ı	I	22,100
63	MSc Bioinformatics	2	6,450	300	6,750	6,450	1	ı	1	13,200
Depart	Department of Virus Research									
64	MSc Olinical Virology	2	4,300	300	4,600	4,300	ı	ı	1	8,900
Manip	Manipal Centre for Natural Sciences									
65	MPhil Natural Sciences	1.5	6,500	300	6,800	3,300	I	I	I	10,100

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GENEF	GENERAL CALEGORY FEES	Techni	Technical/Management Courses	ement Co	urses					
		Course			Ō	Course Fees				2016 Batch
ល	COURSE	Duration (in years)	1st Installment (₹)	Registration Fees (₹)	1 st Installment Total (₹)	2nd Installment (₹)	3rd Installment (₹)	4th Installment (₹)	5th Installment (₹)	Total Course Fee (₹)
Depar	Department of Commerce									
-	BBA (e-Banking & Finance/Professional/ Financial Markets/ Logistics & Supply Chain/ Marketing/ Human Resources/ Hospitality & Tourism/Family Business Management/ Insurance & Risk Management)	ო	114,000	10,000	124,000	114,000	114,000	1	I	352,000
N	BCom Professional (Regular/ Evening Program) / BCom Business Process Services	ო	114,000	10,000	124,000	114,000	114,000		1	352,000
ო	MCom Logistics & Supply Chain / MCom (Professional)/ M.Com (Banking Technology)	N	46,000	10,000	56,000	46,000			1	102,000
4	PG Diploma in Logistics & Supply Chain		100,000	10,000	110,000	1		I	I	110,000
Depar	Department of Sciences									
Ŋ	MSc Physics	2	65,000	10,000	75,000	65,000		ı	T	140,000
9	MSc Chemistry	2	65,000	10,000	75,000	65,000		ı	T	140,000
2	MSc Applied Mathematics & Computing	2	65,000	10,000	75,000	65,000		I	I	140,000
00	MSc Geology	2	65,000	10,000	75,000	65,000		T	T	140,000
Depar	Department of European Studies									
<b>0</b>	MA (European Studies)	2	38,000	10,000	48,000	38,000	1	I	I	86,000
Depar	Department of Geopolitics & International Relations									
10	MA (Geopolitics & International Relations)	2	72,000	10,000	82,000	72,000	1	1	1	154,000
Depar	Department of Public Health									
11	Master of Public Health	2	127,000	10,000	137,000	127,000	I	I	I	264,000
12	Master of Social Work	2	57,000	10,000	67,000	57,000		I	I	124,000
13	Masters in Hospital Administration	2	174,000	10,000	184,000	173,000	1	I	I	357,000
Depar	Department of Statistics									
14	MSc Biostatistics	2	83,000	10,000	93,000	83,000		ı	I	176,000
15	Certificate course in Biostatistics, Epidemiology $\& % \left( {{{\rm{B}}} \right) = 0} \right) = 0$ Research Methodology	6 months	21,000	ı	21,000	I	I	I	ı	21,000
Depar	Department of Library & Information Science									
16	Master of Library & Information Science	2	43,000	1	43,000	43,000	I	1	I	86,000
17	Master of Library & Information Science (Lateral)	1	43,000	I	43,000	I	I	I	I	43,000
18	Certificate Course in Library & Information Science	6 months	7,000	T	7,000	I	1	1	1	7,000

		Course			Ŏ	Course Fees				2016 Batch
ល	COURSE	Duration (in years)	1st Installment (ኛ)	Registration Fees (₹)	1st Installment Total (₹)	2nd Installment (₹)	3rd Installment (₹)	4th Installment (ኛ)	5th Installment (₹)	Total Course Fee (₹)
Depart	Department of Allied Hospitality Studies									
19	BA (Culinary Arts)	ო	215,000	10,000	225,000	215,000	215,000		1	655,000
20	PG Diploma in Culinary Arts	-	130,000	10,000	140,000	T		1	1	140,000
21	MSc (Hospitality & Tourism Management)	2	110,000	10,000	120,000	110,000		1		230,000
22	MSc (Dietetics & Applied Nutrition)	2	91,000	10,000	101,000	83,000		1	1	184,000
Depart	Department of Philosophy & Humanities					-				
23	MA (Philosophy)	2	42,000	10,000	52,000	42,000	1	1	1	94,000
24	MA (Sociology)	2	42,000	10,000	52,000	42,000		1	1	94,000
25	MA (English)	2	42,000	10,000	52,000	42,000	1	1	1	94,000
Schoo	School of Information Sciences									
26	MSc Information Science	2	66,000	10,000	76,000	68,000		1	1	144,000
27	ME (Medical Software)/ VLSI Design/ Embedded Systems/ Embedded & Wireless Systems/ Computing Technologies & Virtualisation/ Big Data & Data Analytics)	Ŋ	158,000	10,000	168,000	158,000	I	I	1	326,000
28	ME (Automotive Embedded Systems)*	1+1	213,000	10,000	223,000	**		1	1	223,000
29	ME Embedded System & Instrumentation*	+ + +	213,000	10,000	223,000	**	-	-	1	223,000
30	ME*	1+1	213,000	10,000	223,000	**	-	1	1	223,000
Schoo	School of Communication									
31	BA (Media & Communication)	e	126,000	10,000	136,000	126,000	126,000	1		388,000
32	BSc Animation	ო	200,000	10,000	210,000	200,000	200,000		ı	610,000
33	MA (Media & Communication)	2	182,000	10,000	192,000	182,000				374,000
34	PG Diploma in Corporate Communication	-	142,000	10,000	152,000	I		1	1	152,000
35	Certificate Course in Animation Technology	6 months	40,000	I	40,000	I	1	I	1	40,000
36	MA (Film Art & Film Making)*	2	208,000	10,000	218,000	**		I	'	218,000
Schoo	School of Management									
37	MBA	2	302,000	10,000	312,000	302,000		T	1	614,000
38	MBA (Healthcare Management)	2	242,000	10,000	252,000	242,000	1	I	1	494,000
39	MBA (Global Business) **	2	242,000	10,000	252,000	242,000	1	T	1	494,000
Manipa	Manipal Institute of Technology									
40	B Tech (Computer Science/ Computer & Communication / Electronics & Communication/ Mechanical/ Mechatronics)	4	260,000	10,000	270,000	339,000	338,000	338,000	T	1,285,000
4	B Tech (Electrical & Electronics/ Civil/ Information Technology/ Aeronautical)	4	260,000	10,000	270,000	339,000	338,000	338,000	1	1,285,000
42	B Tech (Chemical/ Automobile)	4	260,000	10,000	270,000	339,000	338,000	338,000	1	1,285,000

SI       43       BTec       43       Biotec       44       BTec       Mech       Mech       45       BTec       46       BTec       47       BTec       48       Montain       48       MCA	COURSE B Tech (Instrumentation & Control/ Biomedical/ Biotechnology/ Industrial Production/ Printing & Media) B Tech (Computer Science/ Computer & Communication/ Electronics & Communication/ Mechanical/ Mechatronics) Lateral B Tech (Electrical & Electronics/ Civil/ Information Technology/ Aeronautical) Lateral B Tech (Chemical/ Automobile) Lateral B Tech (Instrumentation & Control/ Biomedical/	Duration (in years) 4	1st Installment (₹)	Registration Fees (₹)	-	2nd Installment	3rd Installment	4th Installment	5th Installment	Total Course Fee ≇
	sch (Instrumentation & Control/ Biomedical/ schnology/ Industrial Production/ Printing & Media) sch (Computer Science/ Computer & Communication/ tronics & Communication/ Mechanical/ thatronics) Lateral sch (Electrical & Electronics/ Civil/ mation Technology/ Aeronautical) Lateral sch (Chemical/ Automobile) Lateral sch (Instrumentation & Control/ Biomedical/	4			Total (₹)	(₹)			( <u>۲</u> )	(2)
	sch (Computer Science/ Computer & Communication/ tronics & Communication/ Mechanical/ ihatronics) Lateral sch (Electrical & Electronics/ Civil/ mation Technology/ Aeronautical) Lateral sch ( Chemical/ Automobile) Lateral sch (Instrumentation & Control/ Biomedical/		260,000	10,000	270,000	260,000	260,000	260,000	I	1,050,000
	sch (Electrical & Electronics/ Civil/ mation Technology/ Aeronautical) Lateral sch ( Chemical/ Automobile) Lateral sch (Instrumentation & Control/ Biomedical/	e	339,000	10,000	349,000	338,000	338,000	I		1,025,000
	sch ( Chemical/ Automobile) Lateral sch (Instrumentation & Control/ Biomedical/	n	339,000	10,000	349,000	338,000	338,000	1	1	1,025,000
	sch (Instrumentation & Control/ Biomedical/	ю	339,000	10,000	349,000	338,000	338,000	I	I	1,025,000
	Biotechnology/ Industrial Production/ Printing & Media) Lateral	ო	260,000	10,000	270,000	260,000	260,000	1	I	790,000
	ব	2	143,000	10,000	153,000	143,000	1	1	T	296,000
49 M Tec Desigi Energ Struct Envirc Manul Networ	M Tech (Control Systems/ Computer Aided Analysis & Design/ CSE/ Construction Engg. & Management/ DEAC/ Energy Systems & Management/ Engineering Management/ Structural Engg./ Software Engg./ CSIS/ Environmental Engg./ Thermal Sciences & Energy Systems/ Manufacturing Engg & Tech/ Microelectronics/ Computer Networking & Engg/ Power Electronics and drives)	N	158,000	10,000	168,000	158,000	1	1	r	326,000
50 M Tec Engg. Contre Indust	M Tech (Automobile Engg./Biomedical Engg./ Chemical Engg./ Industrial Biotechnology/ Industrial Pollution & Control/ Printing & Media Tech./ Aerospace Engg./ Industrial Automation & Robotics/ Bioinformatics)	Ю	144,000	10,000	154,000	144,000	ı	1	ı	298,000
Faculty of Architecture	rchitecture									
51 B Arch	ch	5	317,000	10,000	327,000	317,000	317,000	317,000	317,000	1,595,000
52 Execu	Executive M Arch (Advanced Design)	0	80,000	10,000	90,000	80,000	80,000	1	I	250,000
53 M.Arc	M.Arch (Urban Design & Development)	2	120,000	10,000	130,000	120,000	I	1	I	250,000
54 MA (Ir	MA (Interior Design) / MA (Fashion Management)	2	69,000	10,000	79,000	69,000	I	ı	I	148,000
55 B Des	B Des (Fashion Design/ Interior Design)	4	115,000	10,000	125,000	115,000	115,000	115,000	I	470,000
56 Certifi Inform	Certificate Course in Fashion Design & Information Technology	-	30,000	1,500	31,500	I	ı	1	I	31,500
Welcomegror	Welcomegroup Graduate School of Hotel Administration									
57 Bache	Bachelor of Hotel Management	4	247,000	10,000	257,000	247,000	247,000	247,000	1	998,000
58 Bache	Bachelor of Hotel Management (Lateral)	ი	247,000	10,000	257,000	247,000	247,000	'	1	751,000

Section 2

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FORE	FOREIGN/NRI CATEGORY FEES	Techni	cal/Manag	Technical/Management Courses	urses					
		Course				Course Fees				2016 Batch
S	COURSE	Duration (in years)	1st Installment (US \$)	Registration Fees (US \$)	1 st Installment Total (US \$)	2nd Installment (US \$)	3rd Installment (US \$)	4th Installment (US \$)	5th Installment (US \$)	Total Course Fee (US \$)
Depar	Department of Commerce									
-	BBA (e-Banking & Finance/Professional/ Financial Markets/ Logistics & Supply Chain/ Marketing/ Human Resources/ Hospitality & Tourism/Family Business Management/ Insurance & Risk Management)	ო	6,250	300	6,550	6,250	6,250	1	I	19,050
0	BCom Professional (Regular/ Evening Program) / BCom Business Process Services	ო	6,250	300	6,550	6,250	6,250	1		19,050
ო	MCom Logistics & Supply Chain / MCom (Professional)/M.Com (Banking Technology)	N	2,100	300	2,400	2,100		1		4,500
4	PG Diploma in Logistics & Supply Chain	-	4,000	300	4,300	1		1	1	4,300
Depar	Department of Sciences									
Ω	MSc Physics	0	3,900	300	4,200	3,900	1	1	1	8,100
9	MSc Chemistry	2	3,900	300	4,200	3,900		1		8,100
2	MSc Applied Mathematics & Computing	2	3,900	300	4,200	3,900		1	I	8,100
œ	MSc Geology	2	3,900	300	4,200	3,900	I	I	I	8,100
Depar	Department of European Studies									
თ	MA (European Studies)	0	2,500	300	2,800	2,500	1	I	I	5,300
Depar	Department of Geopolitics & International Relations									
10	MA (Geopolitics & International Relations)	2	3,800	300	4,100	3,800		1	1	7,900
Depar	Department of Public Health									
÷	Master of Public Health	2	6,800	300	7,100	6,800	-	I	I	13,900
12	Master of Social Work	2	3,100	300	3,400	3,100	I	I	I	6,500
13	Masters in Hospital Administration	7	10,400	300	10,700	10,400	1	I	I	21,100
Depar	Department of Statistics									
14	MSc Biostatistics	0	3,850	300	4,150	3,850	1	I	1	8,000
15	Certificate Course in Biostatistics, Epidemiology & Research Methodology	6 months	1,250	300	1,550	I	I	I	I	1,550
Depar	Department of Allied Hospitality Studies									
16	BA (Culinary Arts)	З	4,950	300	5,250	4,950	4,950	I	I	15,150
17	PG Diploma in Culinary Arts	-	4,000	300	4,300	1	1	1	1	4,300

		Conreo			Ō	Course Fees				2016 Batch
S	COURSE	Duration (in years)	1st Installment (US \$)	Registration Fees (US \$)	1 st Installment Total (US \$)	2nd Installment (US \$)	3rd Installment (US \$)	4th Installment (US \$)	5th Installment (US \$)	
18	MSc (Hospitality & Tourism Management)	2	4,000	300	4,300	4,000	1	1	1	8,300
19	MSc (Dietetics & Applied Nutrition)	2	3,200	300	3,500	3,200	I	I	I	6,700
Depart	Department of Philosophy & Humanities									
20	MA (Philosophy/ English/ Sociology)	2	2,200	300	2,500	2,200	I	1	I	4,700
Schoo	School of Information Sciences									
21	MSc in Information Science	2	3,300	300	3,600	3,500	I	1	I	7,100
22	ME (Medical Software/ VLSI Design / Embedded Systems/ Embedded & Wireless Systems/ Computing Technology & Virtualisation/ Big Data & Data Analytics)	N	6,600	300	6,900	6,600	I	ı	I	13,500
23	ME Embedded System & Instrumentation*	2	7,400	300	7,700	**	T	1	I	7,700
24	ME (Automotive Embedded Systems)*	2	7,400	300	7,700	**	1	1	1	7,700
25	ME*	N	7,400	300	7,700	**	I	1	I	7,700
Schoo	School of Communication									
26	BA (Media & Communication)	ო	5,900	300	6,200	5,900	5,900	1	T	18,000
27	BSc Animation	S	8,300	300	8,600	8,300	8,300	1	I	25,200
28	MA (Media & Communication)	2	7,200	300	7,500	7,200	T		T	14,700
29	PG Diploma in Corporate Communication	-	5,950	300	6,250	I	I	I	I	6,250
Schoo	School of Management									
30	MBA	2	12,000	300	12,300	12,000	T	1	I	24,300
31	MBA (Healthcare Management)	N	11,000	300	11,300	11,000	I	1	I	22,300
32	MBA (Global Business) **	2	11,000	300	11,300	11,000	I	I	I	22,300
Manipé	Manipal Institute of Technology									
33	B Tech (Computer Science/ Computer & Communication / Electronics & Communication/ Mechanical/ Mechatronics)	4	9,400	300	9,700	11,200	11,200	11,200	I	43,300
34	B Tech (Electrical & Electronics/ Civil/ Information Technology/ Aeronautical)	4	9,400	300	9,700	11,200	11,200	11,200	I	43,300
35	B Tech (Chemical/ Automobile)	4	9,400	300	9,700	11,200	11,200	11,200	I	43,300
36	B Tech (Instrumentation & Control/ Biomedical/ Biotechnology/ Industrial Production/ Printing & Media)	4	9,400	300	9,700	8,900	8,900	8,900	I	36,400
37	B Tech (Computer Science/ Computer & Communication / Electronics & Communication/ Mechanical/ Mechatronics) Lateral	ო	11,200	300	11,500	11,200	11,200	ı	I	33,900

		Course			Ō	Course Fees				2016 Batch
<u>N</u>	COURSE	Duration (in years)	1st Installment (US \$)	Registration Fees (US \$)	1st Installment Total (US \$)	2nd Installment (US \$)	3rd Installment (US \$)	4th Installment (US \$)	5th Installment (US \$)	Total Course Fee (US \$)
38	B Tech (Electrical Electronics/ Civil/ Information Technology/ Aeronautical) Lateral	e	11,200	300	11,500	11,200	11,200	1	1	33,900
39 3	B Tech (Chemical/ Automobile) Lateral	က	11,200	300	11,500	11,200	11,200	1	1	33,900
40	B Tech (Instrumentation & Control/ Biomedical/ Biotechnology/ Industrial Production/ Printing & Media) Lateral	r	8,900	300	9,200	8,900	8,900	1	1	27,000
41	MCA	2	8,300	300	8,600	8,300		1	1	16,900
42	M Tech	2	8,600	300	8,900	8,600	1	1	1	17,500
Facult	Faculty of Architecture									
43	B Arch	5	11,000	300	11,300	11,000	11,000	11,000	11,000	55,300
44	M.Arch (Urban Design & Development)	2	8,250	300	8,550	8,250	I	I	I	16,800
45	Executive M Arch (Advanced Design)	က	5,500	300	5,800	5,500	5,500	1	1	16,800
46	MA (Interior Design) / MA (Fashion Management)	2	3,650	300	3,950	3,600	1	1	1	7,550
47	B Des (Fashion Design/ Interior Design)	4	4,700	300	5,000	4,700	4,700	4,700	T	19,100
48	Certificate Course in Fashion Design & Information Technology	1	1,300	300	1,600	I	I	1	I	1,600
Welco	Welcomegroup Graduate School of Hotel Administration									
49	Bachelor of Hotel Management	4	8,450	300	8,750	8,450	8,450	8,450	I	34,100
50	Bachelor of Hotel Management (Lateral)	ი	8,450	300	8,750	8,450	8,450	I	I	25,650

\*\* Additional expenses included in the project work to be borne by the students as applicable to the place of project work \* Provision for project work/internship outside India

**COURSE FEES** 

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					Ō	Course Fees				2016 Batch
<del>.</del>	COURSE	Course Duration	1st Installment (US \$)	Registration Fees (US \$)	1st Installment Total (US \$)	2nd Installment (US \$)	3rd Installment (US \$)	4th Installment (US \$)	5th Installment (US \$)	Total Course Fee (US \$)
Depar	Department of Public Health									
-	Master of Public Health	N	5,100	300	5,400	5,100	T	I	I	10,500
Depar	Department of Commerce									
2	BBA (e-Banking & Finance/ Professional/ Financial Markets/ Logistics & Supply Chain/ Marketing/ Human Resource Management/ Hospitality & Tourism/ Family Business Management/ Insurance & Risk Management)	m	4,700	300	5,000	4,700	4,700	1	1	14,400
ო	BCom Professional	ო	4,700	300	5,000	4,700	4,700		1	14,400
4	BCom Business Process Services	က	4,700	300	5,000	4,700	4,700	ı	I	14,400
Q	MCom (Logistics & Supply Chain/ Professional/ Banking Technology)	N	1,600	300	1,900	1,600		I	I	3,500
Kastu	Kasturba Medical College									
9	MSc (Medical): (Anatomy/ Biochemistry/ Microbiology/ Physiology/ Pharmacology)	2	3,850	300	4,150	3,850			1	8,000
Schoo	School of Allied Health Sciences									
2	BPT	4	4,350	300	4,650	4,350	4,350	4,350	'	17,700
ω	BOT/BSc NMT	4	4,100	300	4,400	4,100	4,100	4,100	'	16,700
თ	BSc (Exercise & Sports Sciences)	4	1,900	300	2,200	1,900	1,900	1,900	1	7,900
10	BOptom/BSc CVT/BSc Perfusion Technology	က	4,600	300	4,900	4,600	4,600	1	1	14,100
<del>.</del>	BASLP/BSc MIT/BSc HIA/BSc MLT/BSc RT/BSc M RT/ BSc RRT & DT	ო	4,400	300	4,700	4,400	4,400	I	1	13,500
12	MSc Medical Radiation Physics	0	5,650	300	5,950	5,650	1	1		11,600
13	MSc MLT/MSc RT/MSc RRT & DT	2	4,850	300	5,150	4,850		1	1	10,000
14	MSc Perfusion Technology	0	4,600	300	4,900	4,600	1	1	I	9,500
15	MPT	0	9,450	300	9,750	9,450	I	I	1	19,200
16	MSc NMT/MSc Echocardiography/MOT/MASLP/ MOptom/MSc MIT/MSc CC&IT	2	9,050	300	9,350	9,050		I	I	18,400
17	MSc NMT (Lateral)	-	9,050	300	9,350	I	I	1	1	9,350
18	MSc HHIA	0	4,850	300	5,150	4,850	1	1	1	10,000
19	MSc Heatth Informatics (Heatthcare IT Management/ Software Development & Management)	2	2,950	300	3,250	2,950		I	1	6,200
20	MSc Exercise & Sports Sciences	2	3,250	300	3,550	3,250	1	I	I	6,800
21	MSc Clinical Psychology	2	3,250	300	3,550	3,250	•	I	1	6,800
22	MPhil Clinical Psychology	2	5,650	300	5,950	5,650		I	1	11,600
Welco	Welcomgroup Graduate School of Hotel Administration									
23	Bachelor of Hotel Management	4	6,350	300	6,650	6,350	6,350	6,350	I	25,700

The course fee given is tentative. The final fee will be determined on the basis of recommendation of a committee of experts.

The course fees and registration fees should be paid by demand draft drawn in favour of 'Manipal University'.

Fee remittance - Foreign/NRI category students: Candidates are required to remit the fee in US Dollars by demand draft/Wire transfer.

Fee remittance - General category students: The demand draft must be payable at Manipal or Udupi. Demand drafts must be crossed and Payees A/C only.

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. Course fees for the subsequent years must be remitted on or before the due date notified by the university.

Expenses for clinical training, fieldwork & thesis work - As part of curriculum, the MPT, MOT, MASLP, MSc MIT, MSc NMT, MOptom, MSc Echocardiography, MSc CCIT and Nursing courses involve extensive community/field work outside Manipal. In addition, all MPT/MOT/MASLP/MSc MIT/MSc NMT/MOptom/MSc Echocardiography, MSc CCIT candidates will be posted to Manipal University's associated hospitals and other specialized hospitals outside Manipal for clinical training. All the expenses related to such training and work must be borne by the candidates.

Students of MSc (Medical) Clinical Embryology course can avail a travel grant not exceeding ₹90,000 for undergoing training abroad as approved by the University. Expenditure excluding this amount will be borne by the student.

Students of PG Certificate Course in Oral Implantology and Aesthetic Dentistry will be provided accommodation (on twin sharing) and food during the period of contact sessions.

#### **REFUND RULES**

Generally no refund of fee is permitted on account of withdrawal/absence from college or other reasons once a student is admitted to any course of study.

1. A refund claim may, however, be admitted on merits after due consideration of the request by the University.

If approved, the amount to be refunded shall be within the limits stated below:

(i) Any time after admission, but 10 days before the date of commencement of classes:

General Category: Total fees excluding the processing fees of Rs 1000.

Foreign/NRI Category: Total fees excluding the processing fees of USD 200.

(ii) Anytime thereafter and within 25 days from the date of commencement of classes, except for B.Tech course (refer information brochure for refund rules for B.Tech course).

50% of the first installment fees – Refund will be subject to the condition that the seats so vacated is filled up

- (iii) After 25 days from the date of commencement of classes: No refund.
- 2. In all cases where the student has been admitted to the course after the commencement of classes through the waiting list or otherwise, the number of days specified above will be reckoned from the date of "commencement of classes" and not from the date of their actual admission.
- 3. Any student who withdraws from the course after the date of commencement of classes as mentioned in serial number 1 (ii) & (iii) above 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.
- 4. In case of Foreign/NRI candidates, the refund will be made in accordance with foreign exchange regulations.
- 5. 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.

The refund information given above is indicative only, and Manipal University reserves the right to make changes. Any changes in the above will be informed separately.

Application and Entrance Test Fees once remitted shall not be refunded under any circumstances.

For details on Identity Card, Medical facilities and Stipend, please visit www.manipal.edu

#### 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. Changes, if any will be published in our website.

- Merit-cum-means Scholarship
- AICTE Scholarship
- Scholarship for Academy of General Education Students (SAGES)
- ITC Scholarship for BHM students
- KADAMBI Scholarship
- Scholarships for Konkani speaking students

For more information, visit www.manipal.edu

## SCHEDULE OF HOSTEL FACILITIES FEES FOR GENERAL CATEGORY STUDENTS (1<sup>st</sup> year)

Health Sciences Campus, Manipal

Name of the Hostel	Type of Accommodation (Non AC)	Annual Hostel Facilities Fee (₹)	Hostel Deposit (₹)	Annual Utility Advance (₹)	Annual Mess Advance (₹)	Total Amount (₹)
BOYS HOSTEL						
For MBBS, BDS, B Pharm, BSc Biotechnology, UG Pharm D, UG Allied Health in <b>Nehru Hostel 'A' Block</b>	Double attached	29,000	7,500	20,000	40,000	96,500
For BSc Nursing in C V Raman Hostel	Double Common	17,000	7,500	20,000	40,000	84,500
For MD* & MDS* in NBQ Hostel	Double Attached	29,000	7,500	20,000	40,000	96,500
	Double Common	17,000	7,500	20,000	40,000	84,500
For All PG Students** MSc Medical /PG-MCOPS / MSc & PB BSc Nursing / PG-SOAHS/ MSc Biotech/ Public Health in C V Raman Hostel	Double Common	17,000	7,500	20,000	40,000	84,500
GIRLS HOSTEL						
For MBBS, BDS, B Pharm & BSc Biotechnology in Indira Hostel	Double Attached	29,000	7,500	20,000	40,000	96,500
	Single Attached	33,000	7,500	20,000	40,000	1,00,500
For UG – Pharm D in Indira R R Hostel	Double Common	17,000	7,500	20,000	40,000	84,500
For UG – Allied Health in Kamaraj Hostel	Double Common	17,000	7,500	20,000	40,000	84,500
	Triple Common	13,500	7,500	20,000	40,000	81,000
	Quadruple Attached	12,750	7,500	20,000	40,000	80,250
	Quadruple Common	11,000	7,500	20,000	40,000	78,500
For BSc Nursing in Old Sarojini Hostel	Double Common	10,000	7,500	20,000	40,000	77,500
For MD* in Sonia Hostel	Single Attached	33,000	7,500	20,000	40,000	1,00,500
For MDS* in Sharada Hostel	Double Attached	29,000	7,500	20,000	40,000	96,500
	Single Common	19,000	7,500	20,000	40,000	86,500
For All PG Students ** MSc Medical /PG-MCOPS / MSc & PB BSc Nursing / PG-SOAHS/	Double Common	10,000	7,500	20,000	40,000	77,500
MSc Biotech/ Public Health in Valley Flat/Staff Quarters	Double Common in Hall	8,000	7,500	20,000	40,000	75,500

\* Students may be allotted any other hostel as per availability in case there are no vacancies in these Hostels.

\*\*Accommodation may be provided as per availability.

#### Note:

1. Single occupancy of double seater room will be considered as a fully occupied room and the occupant will pay the hostel facilities fees applicable to 2 occupants.

2. Mode of payment of Mess advance/revision in fees if any will be intimated at the time of admission.

# SCHEDULE OF HOSTEL FACILITIES FEES FOR NRI STUDENTS (1<sup>st</sup> year)

Health Sciences Campus, Manipal

Name of the Hostel	Type of Accommodation	Annual Hostel Facilities Fee (US \$)	Hostel Deposit (US \$)	Annual Utility Advance (US \$)	Total Amount (US \$)
BOYS HOSTEL					
For All UG Students MBBS, BDS, B Pharm, BSc Biotechnology, BSc Nursing UG PharmD, UG Allied Health in <b>Amartya Sen Hostel</b>	Single attached AC	1,400	800	300	2,500
For MD* & MDS* in NBQ Hostel	Double Attached Non AC	600	400	150	1,150
	Double Common Non AC	350	400	150	900
For All PG Students ** MSc Medical /PG-MCOPS / MSc & PB BSc Nursing / PG-SOAHS/ MSc Biotech/ Public Health in C V Raman Hostel	Double Common Non AC	350	400	150	900
GIRLS HOSTEL					
For All UG Students MBBS, BDS, B Pharm, BSc Biotechnology, BSc Nursing	Double Attached AC	1,200	800	300	2,300
UG PharmD, UG Allied Health in Old S Chandrashekar Hostel	Single Attached AC	2,150	1,000	300	3,450
For MD* in Sonia Hostel	Single Attached Non AC	650	400	150	1,200
For MDS* in Sharada Hostel	Double Attached Non AC	600	400	150	1,150
	Single Common Non AC	400	400	150	950
For All PG Students ** MSc Medical /PG-MCOPS / MSc & DB BCs Numing / DC SCALIS/	Double Common Non AC	200	400	150	750
PB BSc Nursing / PG-SOAHS/ MSc Biotech/ Public Health in Valley Flat/Staff Quarters	Double Common in Hall Non AC	200	400	150	750

\* Students may be allotted any other hostel as per availability in case there are no vacancies in these Hostels.

\*\*Accommodation may be provided as per availability.

Mess advance of Rs.40,000/- shall be paid by Demand draft in favour of "MAHE Hostels, Manipal" payable at Udupi.

#### METHOD OF PAYMENT

- Hostel fees may be paid by Wire Transfer/Demand draft in favour of "Manipal University" 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 fees applicable to 2 occupants.
- Mode of payment of Mess advance/revision in fees if any will be intimated at the time of admission.

# SCHEDULE OF HOSTEL FACILITIES FEES FOR GENERAL CATEGORY STUDENTS (1<sup>st</sup> year) Health Sciences Campus, Mangalore

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	40,000	15,000	30,000	40,000	125,000
	Double Seater Non-AC Attached Bath	33,000	7,500	20,000	40,000	100,500
Bejai Hostel 'B1' (Girls) AHS	Double Seater Non-AC Attached Bath	29,000	7,500	20,000	40,000	96,500
Bejai Hostel 'B2' (Girls) AHS	Double Seater Non-AC Common Bath	17,000	7,500	20,000	40,000	84,500
Bejai New Ground Floor (Boys) AHS	Double Seater Non-AC Attached Bath	29,000	7,500	20,000	40,000	96,500

#### Note:

- 1. There are no Single seater AC and Non AC accommodation available at Mangalore Hostels for first year students
- 2. Joining the mess is mandatory at Mangalore Hostels, as all hostels have independent mess facilities catered by CHEF ON WHEELS
- 3. Hostel fees in Indian Rupees shall be paid in the name of MAHE HOSTELS, MANGALORE
- 4. Revision in fees if any will be intimated along with the admission letter.
- 5. 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

### SCHEDULE OF HOSTEL FACILITIES FEES FOR NRI STUDENTS (1<sup>st</sup> year) Health Sciences Campus, Mangalore

#### Annual Annual Annual Hostel Total Hostel Utility Mess Name of the Hostel Type of Accommodation Deposit Amount Facilities Advance Advance (US \$) (US \$) (US \$) Fee (US \$) (₹) Bejai New Hostel (MBBS & BDS) Double Seater-AC Attached Bath 1,700 40,000 800 300 600 Double Seater Non-AC Attached Bath 650 150 400 1,200 40,000 Bejai Hostel 'B1' (Girls) AHS Double Seater Non-AC Attached Bath 400 1,150 40,000 600 150 Double Seater Non-AC Common Bath Bejai Hostel 'B2' (Girls) AHS 350 150 400 900 40,000 Bejai New Ground Floor Double Seater Non-AC Attached Bath 600 150 400 1,150 40,000

#### NOTE:

- 1. There are no Single seater AC and Non AC accommodation available at Mangalore Hostels for first year students
- 2. Joining the mess is mandatory at Mangalore Hostels, as all hostels have independent mess facilities catered by CHEF ON WHEELS
- 3. Hostel fees in USD Draft shall be paid in the name of MANIPAL UNIVERSITY, MANIPAL payable at New york
- 4. Revision in fees if any will be intimated along with the admission letter.
- 5. 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

# SCHEDULE OF HOSTEL FACILITIES FEES FOR GENERAL CATEGORY STUDENTS (1<sup>st</sup> year)

MIT Campus, Manipal (Engg./Mgmt./Commn./Arch./Commerce)

Hostel Block	Type of Accommodation	Annual Hostel Facilities Fee (₹)	Hostel Deposit (₹)	Annual Utility Advance (₹)	Annual Mess Advance (₹)	Total Amount (₹)
BOYS HOSTEL						
V & VI	Double Common bathroom	17,000	7,500	20,000	40,000	84,500
	Triple Common bathroom	13,500	7,500	20,000	40,000	81,000
XVI & XVII	Single Attach bath AC	70,000	15,000	40,000	40,000	1,65,000
	Double attached bath AC	40,000	15,000	35,000	40,000	1,30,000
	Single Attach bath Non AC	60,000	7,500	20,000	40,000	1,27,500
	Double attached bath Non AC	33,000	7,500	20,000	40,000	1,00,500
XVIII	Deluxe Single Attach bath Non AC	60,000	7,500	20,000	40,000	1,27,500
	Deluxe Single Attach bath AC	70,000	15,000	40,000	40,000	1,65,000
GIRLS HOSTEL						
I, II	Triple common bathroom	13,500	7,500	20,000	40,000	81,000
XI	Double attached bath Non AC	29,000	7,500	20,000	40,000	96,500
XII	Double attached bath AC	40,000	15,000	35,000	40,000	1,30,000
NLB	Deluxe Single Attach bath AC (24 Rooms only)	70,000	15,000	40,000	40,000	1,65,000
	Deluxe Single Attach bath Non AC (24 Rooms only)	60,000	7,500	20,000	40,000	1,27,500

Note: 1. 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.

2. Mode of payment/revision in fees if any will be intimatedat the time of admission.

# SCHEDULE OF HOSTEL FACILITIES FEES FOR NRI STUDENTS (1<sup>st</sup> year)

## MIT Campus, Manipal (Engg./Mgmt./Commn./Arch./Commerce)

Hostel Block	Type of Accommodation	Annual Hostel Facilities Fee (US \$)	Hostel Deposit (US \$)	Annual Utility Advance (US \$)	Total Amount (US \$)	Annual Mess Advance (₹)
BOYS HOSTEL						
XVI Block	Single Seater AC attached bath	1,400	300	800	2,500	40,000
	Double Seater AC attached bath	800	300	700	1,800	40,000
	Single Seater Non-AC attached bath	1,200	150	400	1,750	40,000
	Double Seater Non AC attached bath	650	150	400	1,200	40,000
XVIII Block	Deluxe Single Seater AC attached bath	1,400	300	800	2,500	40,000
	Deluxe Single Seater Non AC attached bath	1,200	150	400	1,750	40,000
GIRLS HOSTEL						
XII Block	Double Seater AC attached bath	800	300	700	1,800	40,000
XI Block	Double Seater Non-AC attached bath	600	150	400	1,150	40,000
NLB Block	Deluxe Single Seater Non AC attached bath	1,200	150	400	1,750	40,000
	Deluxe Single Seater AC attached bath	1,400	300	800	2,500	40,000

#### METHOD OF PAYMENT

- Hostel fee may be remitted by a Wire Transfer / Demand Draft in favour of "Manipal University" 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 as applicable to 2 occupants.
- Mode of payment of mess advance /revision in fees if any will be intimatedat the time of admission.

# SCHEDULE OF HOSTEL FACILITIES FEES FOR GENERAL CATEGORY STUDENTS (1<sup>st</sup> year) WGSHA Hostels

Hostel Block	Type of Accommodation	Annual Hostel Facilities Fee (₹)	Hostel Deposit (₹)	Annual Utility Advance (₹)	Annual Mess Advance (₹)	Total Amount (₹)	
BOYS HOSTEL							
C Block	Double Attached Bath - AC	40,000	15,000	30,000	40,000	1,25,000	
	Double Attached Bath - Non AC	29,000	7,500	20,000	40,000	96,500	
C Flats	Double Common Bath - Non AC	17,000	7,500	20,000	40,000	84,500	
	Single Common Bath	19,000	7,500	20,000	40,000	86,500	
GIRLS HOSTEL							
G Block	Double Attached Bath - AC	40,000	15,000	30,000	40,000	1,25,000	
	Double Attached Bath - Non AC	29,000	7,500	20,000	40,000	96,500	

Note: 1. 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.

2. Mode of payment/revision in fees if any will be intimated at the time of admission.

### SCHEDULE OF HOSTEL FACILITIES FEES FOR NRI STUDENTS (1<sup>st</sup> year) WGSHA Hostels

Hostel Block	Type of Accommodation	Annual Hostel Facilities Fee (US \$)	Hostel Deposit (US \$)	Annual Utility Advance (US \$)	Total Amount (US \$)	Annual Mess Advance (₹)	
BOYS HOSTEL							
C Block	Double Attached Bath - AC	800	300	500	1,600	40,000	
	Double Attached Bath - Non AC	600	150	300	1,050	40,000	
C Flats	Double Common Bath - Non AC	350	150	300	800	40,000	
	Single Common Bath	400	150	300	850	40,000	
GIRLS HOSTEL							
G Block	Double Attached Bath - AC	800	300	500	1,600	40,000	
	Double Attached Bath - Non AC	600	150	300	1,050	40,000	

#### METHOD OF PAYMENT

• Hostel fee may be remitted by a Wire Transfer / Demand Draft in favour of "Manipal University" 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 as applicable to 2 occupants.
- Mode of payment of mess advance /revision in fees if any will be intimatedat 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, solar/electric heated water facility, water cooler with aquaguard filters, common telephone, common TV room, common reading room etc. Students can take an independent telephone connection on additional payment. Some hostels have gymnasium and indoor games facilities. Food Court offers a variety of food to suit all tastes.

First year UG students will be provided double/triple rooms only. However, first year UG students who desire to have AC rooms may reserve their names with Chief Warden at the time of counseling. Foreign/NRI students may reserve their rooms in advance while submitting their application forms. Reservation will be based on their registration for the course with the Admissions Office. Single rooms will be made available to students as per availability and waiting list seniority.

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 WGSHA and students enrolled in the Culinary Arts & 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 WGSHA and the students enrolled in the Culinary Arts & Allied Hospitality Studies.

#### ALLOTMENT OF ROOMS

- 1. All students are required to bring 3 passport size photographs for hostel admission at the time of counselling.
- 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.
- 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 reallotted 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.
- 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 a demand draft drawn in favour of the following and can be paid at the time of counselling or registration/admission:
  - A. General Category Students:
  - 'MAHE HOSTELS' made payable at Manipal/Udupi for Manipal University hostels/MIT hostels/WGSHA hostels
  - 'MAHE HOSTELS' made payable at Mangalore for Mangalore hostels
  - B. Foreign NRI Category Students:
  - 'MANIPAL UNIVERSITY', payable at New York for all hostels / 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

#### 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:

In view of Health/Safety concerns and Security reasons, all first year 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, who wish to become members of Food Court Mess are required to pay annual mess advance of Rs 40,000. Students opting for Sodexo Food Solutions Mess have to pay the monthly membership fees (approx. Rs.2,700/-) to the Manager Sodexo Food Solution.

**Note:** Students are advised to check the messing facilities and join/pay accordingly, after they come to Manipal.

#### Other Campuses:

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	₹40,000
Messes at Mangalore campus	₹40,000
Mess at WGSHA	₹40,000

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**

Manipal Campus

Col M G H S Rajan Chief Warden (Manipal Campus) Manipal University Manipal- 576104 Karnataka Tel: (91820) 2922413, 2574315 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.kmcmlr@manipal.edu

#### Engineering & Management Courses

Manipal Campus: Col CMS Kalakoti Chief Warden, MIT Manipal 576 104. Karnataka, INDIA. Tel: (91820) 2571061- Extn. 25221/25225 (9 am to 1 pm & 2 pm to 5 pm) Email: chiefwarden.mit@ manipal.edu -For General Correspondence

BHM/BA Culinary Arts/ Hospitality & Tourism Management/Dietetics & Applied Nutrition Courses at WGSHA and Culinary Arts & Allied Hospitality Studies, Manipal Mr Naresh Nayak Warden Welcomgroup Graduate School of Hotel Administration Manipal - 576104 Karnataka Tel:(91820) 2923223 Email:warden.wgsha@manipal.edu

# Section 3

Instructions for filling Application Form

# **GROUP AND COURSE CODES**

GROUP CODE	COURSES	COURSE CODE	ENTRANCE FEE
1	MBBS	999	₹ 1400
	BDS	998	
	BPharm/PharmD	997	
	MBBS & BDS	996	
	MBBS & BPharm/PharmD	995	
	BDS & BPharm/PharmD	994	
	MBBS, BDS & BPharm/PharmD	993	
2	BTech	992	₹ 1400
	BPharm/PharmD	991	
	BTech & BPharm/PharmD	990	
3	BA (Media & Communication)	989	₹ 1400
	BBA/BCom (BPS, Professional)	988	
	BA (Media & Communication) & BBA/BCom (BPS, Professional)	987	
4	BArch	986	
5	Bachelor of Design (Interior Design)	985	₹ 1400
6	PB BSc Nursing	984	
7	Lateral BTech	983	₹ 1400
8	Lateral - BPharm	982	
9	BHM/ BA (Culinary Arts)	981	
10	Lateral - BHM	980	
11	BSc Nursing	979	
12	BSc Biotechnology	978	
13	Allied Health Courses	977	
	BSc HIA	976	
	Allied Health Courses & BSc HIA	975	
14	MD, MS, PG Medical Diploma	974	₹ 1400
15	MDS	973	₹ 1400
	PG Diploma in Dental Materials	972	
	MDS & PG Diploma in Dental Materials	971	
16	MPT	970	₹ 1400
	MPT - Sports and Clinical Biomechanics	969	
	MPT & MPT - Sports and Clinical Biomechanics	968	
17	МОТ	967	
18	MASLP	966	₹ 1400
19	MSc MLT	965	
20	MOptom	964	₹ 1400
21	MSc (RT)	963	
22	MSc RRT & DT	962	
23	MPharm/PharmD Post Baccalaureate	961	₹ 1400

# **GROUP AND COURSE CODES**

GROUP CODE	COURSES	COURSE CODE	ENTRANCE FEE
24	MSc Nursing	960	₹ 1400
25	MSc MIT	959	
26	MSc Echocardiography/MSc Cardiac Cath & Intervention Technology	958	₹ 1400
27	MA (GIR)	957	
28	MCA	956	₹ 1400
29	MBA	955	
30	MA (Media & Communication)/PG DCC/MA (Film Art & Film Making)	954	₹ 1400
31	MA (European Studies)	953	
32	Master of Social Work	952	
33	Master of Public Health	951	
34	MTech/ME	950	₹ 1400
35	MSc Information Science	949	
36	MARCH (Urban Design & Development)	948	
37	MSc Clinical Virology	947	₹ 1400
	MSc Medical (Anatomy, Physiology, Biochemistry, Microbiology and Pharmacology) & MSc Medical (Biotechnology, Molecular Biology and Human Genetics and Regenerative Medicine)	946	
	MSc Clinical Virology, MSc Medical (Anatomy, Physiology, Biochemistry, Microbiology and Pharmacology) & MSc Medical (Biotechnology, Molecular Biology and Human Genetics and Regenerative Medicine)	945	
38	MSc Medical Radiation Physics	944	
39	MSc Yoga Therapy	943	
	MSc HHIA	942	
	MSc Dietetics and Applied Nutrition	941	
	MSc HHIA & MSc Yoga Therapy	940	
	MSc Dietetics and Applied Nutrition & MSc Yoga Therapy	939	
	MSc Dietetics and Applied Nutrition & MSc HHIA	938	
	MSc Dietetics and Applied Nutrition, MSc HHIA & MSc Yoga Therapy	937	
40	MSc Biostatistics	936	
41	MSc Bioinformatics	935	
42	MSc Physics	934	
	MSc Applied Mathematics and Computing	933	
	MSc Chemistry	932	
	MSc Applied Mathematics and Computing & MSc Physics	931	
	MSc Chemistry & MSc Physics	930	
	MSc Applied Mathematics and Computing & MSc Chemistry	929	
	MSc Applied Mathematics and Computing, MSc Chemistry & MSc Physics	928	
43	MSc NMT	927	
44	MSc Hospitality and Tourism Management	926	
45	MSc Geology	925	
46	MSc Photonics	924	

# **GROUP AND COURSE CODES**

GROUP CODE	COURSES	COURSE CODE	ENTRANCE FEE
47	MSc Biophysics	923	
	MSc Nanoscience and Technology	922	
	MSc Biophysics & MSc Nanoscience and Technology	921	
48	Masters in Hospital Administration	920	
49	MA (Philosophy, English & Sociology)	919	
50	Master of Library and Information Science	918	
51	Lateral Master of Library and Information Science	917	
52	Lateral MSc NMT	916	
53	BSc Animation	915	
54	MSc Clinical Embryology	914	₹ 1400
55	MPhil Clinical Psychology	913	₹ 1400
56	MPhil Psychiatric Social Work	912	₹ 1400
57	MPhil Nursing-Part Time	911	₹ 1400
58	MPhil Regenerative Medicine	910	₹ 1400
59	PG Certificate Course in Oral Implantology	909	
	PG Certificate Course in Aesthetic Dentistry	908	
	PG Certificate Course in Aesthetic Dentistry & PG Certificate Course in Oral Implantology	907	
60	PG Certificate Course in Laser Dentistry	906	
61	PG Diploma in Culinary Arts	905	
62	PG Diploma (Logistics & Supply Chain)	904	
63	Advanced Training Program in Diabetes Care	903	
64	PG Certificate course in Panchakarma	902	
65	Certificate course in Animation Technology	901	
66	Certificate course in Biostatistics, Epidemiology and Research Methodology	900	
67	Certificate course in Library and Information Science	899	
68	Certificate course in Public Health	898	
69	Certificate course in Fashion Design & Information Technology (CFDIT)	897	
71	BCom Professional (Evening)	895	
73	Advanced Training Program in Clinical Genetics	893	
74	Post Basic Diploma in Nursing	892	
75	Master of Arts (Interior Design)	891	
76	Integrated MA - PhD	890	
77	Executive March (Advanced Design)	889	
78	Advanced PG Diploma course in Stem Cells and Regeneratve Medicine	888	
79	MCom	887	
80	MPhil (Natural Sciences)	886	
81	PG Certificate Course in Restorative Dentistry	885	
82	Certificate Course in Nanoscience and Technology	884	
83	Certificate Course in Laser Application in Biology and Medicine	883	

GROUP CODE	COURSES	COURSE CODE	ENTRANCE FEE
84	DM (Gastroenterology)	882	₹ 1400
85	DM (Neurology)	881	₹ 1400
86	DM (Cardiology)	880	₹ 1400
87	DM (Nephrology)	879	₹1400
88	MCh (Cardiothoracic Surgery)	878	₹ 1400
89	MCh (Paediatric Surgery)	877	₹ 1400
90	MCh (Urology)	876	₹ 1400
91	MCh (Neuro Surgery)	875	₹ 1400
92	MBA (Healthcare Management)	874	
93	MSc Health Informatics	873	
95	MSc Genetics Counseling	871	₹1400
96	MSc Clinical Psychology	870	₹1400
98	MSc Exercise and Sports Science	868	₹1400
99	PG Diploma in Drug Analysis	867	
100	MSc Perfusion Technology	866	
101	BPharm ( Practice)	865	
102	MBA (Global Business)	864	
103	Bachelor of Design (Fashion Design)	863	₹1400
104	MA (Fashion Management)	862	

#### FORM FILLING INSTRUCTIONS

- Please refer to the item wise instruction before filling up the form
- Forms must be filled in applicant's own handwriting
- Use only BLACK or BLUE Hi-Tec point type pen to fill up the form
- Applicants must paste their most recent colour photograph (not older than 3 months) in the appropriate place. Do not pin or staple the photograph
- Square boxes provided in the forms are only for writing the alphabets in capitals or numbers. The alphabet or number should be written in any one box. Wherever codes are given, fill the boxes in the application form with the appropriate codes
- Overwriting, striking off or erasing in the form may lead to rejection and should be avoided. Any discrepancy in the statement and/or submission of incomplete forms will lead to rejection of application / cancellation of admission
- Keep a photocopy of the filled application for future reference. Application number must be quoted in all future correspondence

- Applicants who are required to submit photocopies of marks cards, certificates or any other document must ensure that:
  - The photocopies are taken on A4 size paper only
  - The print is clear, legible and readable
  - Both sides are photocopied if the original marks card is printed on both sides
  - Application number must be written at top right corner of all the photocopies
- Do not fold the FORM. Do not staple or clip the FORM with any other enclosures, keep it loose. All marks cards and certificates, if any, must be stapled together. Demand Draft/s must be kept loose
- The entrance test fees can be remitted through
  - Demand Draft The DD should be drawn in favour of 'Manipal University' payable at Manipal or Udupi. The application number and name should be mentioned on the reverse of the DD.

**NOTE:** Each applicant should submit only one application for a given group

Application and Entrance Test Fees once remitted shall not be refunded under any circumstances.

# FORM

1. NAME OF THE APPLICANT - Write your name in CAPITAL LETTERS as it appears in your 10th standard marks card. Leave one blank box between adjacent words. Your name should not exceed 31 characters including the blank spaces. Do not use any prefixes like Dr, Mr., Mrs., Miss/Ms, etc.

For example, MS. ARPITA SHARMA should write as:

A	R	Ρ	Ι	Т	А	S	Н	А	R	М	А			

2. DATE OF BIRTH - Enter the date, month and year of your birth as recorded in 10th standard marks card in DD/MM/YY format only. When the number of date or month is a single digit, zero should be prefixed.

For example, 22nd May 1999 should be written as:



3. SEX – Tick the appropriate box only.



4. COURSE GROUP - Refer to the list given in page 153 for course group codes.

For example, an applicant for MBBS, BDS & B Pharm/Pharm D courses, should write as:

0	0	1
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5. COURSE/S - Refer to the list given in page 153 for course codes.

For example, an applicant for MBBS, BDS & B Pharm/Pharm D courses, should write as:

9	9	3
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6. CATEGORY - Refer to the table given below for category codes.

For example, an applicant seeking admission under general category, should write as:

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CATEGORY	CODE
GENERAL	01
FOREIGN	02
NON RESIDENT INDIAN (NRI)	03
SAGES*	04
IN SERVICE	05
OVERSEAS CITIZENSHIP OF INDIA (OCI)	06
PERSON OF INDIAN ORIGIN (PIO)	07

\* SAGES category is applicable only to students who have studied in Academy of General Education Colleges. Refer website www.manipal.edu for details.

Note for UG Applicants: Indian nationals with foreign qualification like IB, A levels, American 12th grade, etc should obtain the 'Equivalency Certificate' from Association of Indian Universities, New Delhi which will equate their qualifications as equivalent to the 10+2 of India.

7. TEST CENTRE - Refer to the table given in page 158 for test centre codes. Leave the box unfilled, if not applicable. You can give two choices as per priority.

For example, an applicant with Hyderabad as the first choice and Bangalore as second choice should write as:



NOTE: The test centre choice taken here is for seat estimation purpose. Candidates are required to book the test centre of their choice in the Online Test Booking System.

#### **TEST CENTRE CODES**

AHMEDABAD	1	KOLKATA	18	GANJAM	36
ALLAHABAD	2	КОТА	19	GULBARGA	37
BANGALORE	3	LUCKNOW	20	GURGAON	38
BHOPAL	4	MANGALORE	21	INDORE	39
BHUBANESHWAR	5	MANIPAL	22	JABALPUR	40
CHANDIGARH	6	MUMBAI	23		
CHENNAI	7	NOIDA	24	KOZHIKODE	41
COIMBATORE	8	PORT BLAIR	26	LUDHIANA	42
DELHI	9	PUNE	27	MEERUT	44
DUBAI	10	RANCHI	28	NAGPUR	45
ERNAKULAM	11	VARANASI	29	SURAT	47
GANGTOK	12	VIJAYAWADA	30	THIRUVANANTHAPURAM	48
GUWAHATI	13	ASANSOL	32	UDAIPUR	49
HYDERABAD	14	BELGAUM	33		-
JAIPUR	15	BHILLAI	34	VIZAG	50
KANPUR	17	DEHRADUN	35		

8. NATIONALITY- Write your Nationality

9. NAME OF THE PARENT/GUARDIAN - Write the name of your parent or guardian.

For example, MR. DIGVIJAY SHARMA should be written as:

DIGVIJAYSHAR	M A
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10. ADDRESS FOR CORRESPONDENCE - Write the complete postal address including PIN CODE to which communications are to be sent. Also write the telephone number with STD code and e-mail address, if any.

For example, the address, MS. ARPITA SHARMA D/O DIGVIJAY SHARMA FLAT NO. 415, VIVEK CO OP HSG. SOCIETY, KOTHRUD, PUNE - 411 029

Write as shown below (use the three lines given to fill up the information appropriately).

#### ADDRESS FOR CORRESPONDENCE (DO NOT REPEAT NAME)

F	L	А	Т		Ν	0		4	1	5											
V		V	E	K		С	0		0	Ρ	Н	S	G	S	0	С		E	Т	Y	
K	0	Т	Н	R	U	D															

11. CITY - Fill up your city name.

For example, the city PUNE should be written as:

|--|--|

12. STATE - Refer to the table given below for state codes.

For example, the state Maharashtra should be written as:

|--|

STATE CODE	STATE NAME
01	Andaman & Nicobar (U.T.)
02	Andhra Pradesh
03	Arunachal Pradesh
04	Assam
05	Bihar
06	Chandigarh (U.T.)
07	Chhattisgarh
08	Dadra & Nagar Haveli (U.T.)
09	Daman & Diu (U.T.)
10	Delhi
11	Goa
12	Gujarat
13	Haryana
14	Himachal Pradesh
15	Jammu & Kashmir
16	Jharkhand
17	Karnataka
18	Kerala

STATE CODE	STATE NAME
19	Lakshadweep (U.T.)
20	Madhya Pradesh
21	Maharashtra
22	Manipur
23	Meghalaya
24	Mizoram
25	Nagaland
26	Orissa
27	Pondicherry (U.T.)
28	Punjab
29	Rajasthan
30	Sikkim
31	Tamil Nadu
32	Tripura
33	Uttar Pradesh
34	Uttarakhand
35	West Bengal
36	International
37	Telangana

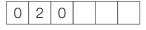
13. **PINCODE** - Fill up with the appropriate 6-digit Pin code.

For example, the Pin code 411029 should be written as:



14. STD CODE - Fill up the STD code in the boxes provided, use zero prefixed to the STD code.

For example, the STD code for PUNE 020 should be written as:



15. TELEPHONE NUMBER - Fill up your phone number in the boxes provided.

For example, the telephone number 2571978 should be written as:



16. MOBILE NUMBER - Fill up your mobile number in the boxes provided and do not prefix '0' or leave any blank spaces between your mobile number.

For example, the mobile number 9243777700 should be written as:



NOTE: It is suggested to give your mobile number for speedy communication.

17. EMAIL ADDRESS - Fill up the email id in CAPITAL letters without blank spaces.

For example, the e-mail id arpitasharma@gmail.com should be written as:

A R P I T A S H A R M A	@ G M A	I L . C	0 M
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NOTE: It is mandatory to give your full e-mail address for speedy communication. The University will not be responsible for non receipt of the email if the address given is incomplete or incorrect.

- 18. ALTERNATE EMAIL ADDRESS Fill up an alternate e-mail id.
- 19. PHOTOGRAPH Paste your most recent colour photograph (not older than three months) at appropriate place. Do not staple or pin the photograph.
- 20. SIGNATURE OF APPLICANT Sign within the box without touching the edges.
- 21. LEFT THUMB IMPRESSION OF APPLICANT The left thumb impression of the applicant must be taken as instructed below:
  - (1) Use standard blue/ black ink stamp pad
  - (3) Stain your left thumb with pad ink
- (2) Wash & dry the hands
- (4) Transfer the left thumb Impression by rolling your stained thumb from side to side

(5) Apply moderate pressure to avoid smudging

- 22. DETAILS OF 10+2 Write the month and year, school/college and board/university from where you have passed or passing 10+2 or equivalent.
- 23. SUBJECT WISE MARKS OF 10+2 Write the name of the subject, maximum marks, marks obtained and the percentage. Also write the total maximum marks, marks obtained and the percentage. Leave the box unfilled, if not applicable.
- 24. MARK DETAILS Applicants to post graduate or diploma courses should write the name of the qualifying examination, specialization/branch, school/college and board/University from where you have passed the qualifying examination. Also provide the maximum marks, marks obtained, percentage and month and year of passing each year/Semester.

For Example: Applicant for MTech Digital Electronics & Advanced communication course should fill BTech as qualifying examination and Electronics & Communication as the specialization

- 25. COLLEGE RECOGNITION Write YES if your college is recognized by statutory bodies like MCI, DCI, INC, AICTE etc, NO if not.
- 26. MODE OF STUDY Write the mode of study. For example: Full time On campus, Part time, Correspondence, Online, Distance Education, Private etc.
- 27. DATE OF COMPLETION OF INTERNSHIP Write the date of completion or probable date of completion of your internship in the format of DD/MM/YY. Leave the box unfilled, if not applicable.
- 28. GATE/NATA/MANAGEMENT TEST SCORE- Write the test name, test date, form number and score. Leave the box unfilled, if not applicable.
- 29. WORK EXPERIENCE, IF ANY Write the number of completed years and months of experience. Leave the box unfilled, if not applicable.
- 30. PG DIPLOMA, IF ANY Write the course name of the postgraduate diploma passed. For example: Diploma in Anaesthesiology. Leave the box unfilled, if not applicable.
- 31. ENTRANCE TEST FEE DETAILS:

DEMAND DRAFT: Write the DD number, date, amount, issuing bank & branch name and branch code. Also, write your name and application number on the reverse of the DD.

32. DECLARATION - Candidates and the Parent/Guardian must sign with date the declaration to authenticate the information provided by them. Unsigned applications will not be accepted.

#### ENVELOPE ADDRESSED TO DIRECTOR, ADMISSIONS

GROUP CODE, COURSE CODE & CATEGORY CODE - Write the group code, course code and category code for the course you are applying.

NAME & ADDRESS - Write the name and complete postal address including PIN CODE and the telephone number with STD code, if any as it appears in your application.

	LAST DATE FOR RECEIPT OF APPLICATION	
	MBBS, BDS, BTech, BPharm, BPharm (Practice), PharmD	11.03.2016
	BHM, BBA, BA (Culinary Arts), BA (Media & Communication),	
	BCom (BPS), BCom Professional - Regular, Evening	21.03.2016
	BArch	30.05.2016
	BSc Nursing	01.07.2016
JNDERGRADUATE	BSc Animation	21.03.2016
JNDERGRADUATE	BPT, BOT, BSc MIT, BSc NMT, BSc MLT, BSc MRT, BSc CVT, BSc RT, BOptom, BASLP, BSc RRT & DT, BSc HIA, BSc PFT, BSc Exercise & Sports Sciences	10.06.2016
	Lateral BHM	21.03.2016
	B.Sc. (Biotechnology), B.Sc. (Forensic Science), B.Sc. (Food & Nutrition), Lateral BPharm	30.05.2016
	Lateral BTech	15.05.2016
	PB BSc Nursing	15.07.2016
	Bachelor of Design (Fashion Design), Bachelor of Design (Interior Design)	05.06.2016
	MD, MS, PG Medical Diploma, MDS, PG Diploma in Dental Materials	27.01.2016
	MCom (Logistics & Supply Chain, Professional & Banking Technology)	02.05.2016
	MA (European Studies)	15.04.2016
		02.05.2016
	MA (Philosophy, English, Sociology), Integrated MA-PhD MPT. MASLP	
		15.05.2016
MS	MOT, MSc MLT, MSc MIT, MSc NMT, MOptom, MSc RT, MSc Exercise & Sports Sciences, MSc Echocardiography, MSc Cardiac Cath & Intervention Technology, MSc RRT & DT, MSc MRP, MSc PFT, MSc Health Informatics, MSc HHIA, MSc Clinical Psychology, Lateral MSc NMT	30.05.2016
	MPharm, PharmD Post Baccalaureate	11.05.2016
	MSc Nursing	05.04.2016
	MTech, ME	11.05.2016
POST GRADUATE	MA (Film Art and Film Making), MSc Bioinformatics, MSc. (Yoga Therapy),	1110012010
POSTGRADUATE	MSc Clinical Embryology, MA (Media & Communication), MCA, MSc (Medical), MSc (Medical) Biotechnology, MSc Regenerative Medicine, MSc Molecular Biology & Human Genetics, MSc (Genetics Counseling), MSc Clinical Virology	01.06.2016
	MA (Interior Design) & MA (Fashion Management)	25.06.2016
	MBA, MBA (Healthcare Management), MBA (Global Business)	30.04.2016
	MArch (UDD), Executive MArch	25.06.2016
	MSc Information Science, MSc (Photonics, Nanoscience & Technology, Biophysics),	
	MSc (Physics, Chemistry, Applied Mathematics & Computing, Geology), MA GIR	02.06.2016
	MSc Biostatistics	16.06.2016
	MSc HTM, MSc Dietetics & Applied Nutrition	15.07.2016
	MPH	30.06.2016
	MSW, MHA	31.05.2016
	Master of Library and Information Sciences	25.06.2016
	Lateral Master of Library and Information Sciences	15.07.2016
	DM, MCh, MPhil Psychiatric Social Work, MPhil Clinical Psychology	30.06.2016
	M.Phil Nursing (Part - Time)	01.07.2016
SUPERSPECIALITY	M.Phil (Regenerative Medicine)	01.12.2015
	M.Phil (Natural Sciences)	31.05.2016
	Laser Dentistry - Batch 1	31.12.2015
	- Batch 2	30.06.2016
PG CERTIFICATE COURSE	Aesthetic Dentisry	15.06.2016
	Oral Implantology	15.09.2016
	Panchakarma - Batch 1	20.02.2016
	- Batch 2	30.06.2016
	Restorative Dentistry	15.09.2016
	Library and Information Sciences	23.12.2015
	Animation Technology	30.06.2016
CERTIFICATE	Fashion Design and Information Technology	05.06.2016
	Biostatistics Epidemiology & Research Methodology - Batch 1	01.01.2016
	- Batch 2	01.07.2016
	Laser Applications in Biology & Medicine	20.01.2016
	Nanoscience & Technology	10.08.2016
	Advanced PG Diploma in Stem Cells & Regenerative Medicine	30.06.2016
	PG Diploma in Corporate Communication	01.06.2016
DIPLOMA	Post Basic Diploma in Nursing, PG Diploma in Culinary Arts	15.07.2016
	PG Diploma in Logistics & Supply Chain	02.05.2016
	PG Diploma in Drug Analysis	15.07.2016

#### **Important Notice**

The number of candidates included in the merit list and also those called for the counselling will be more than the total number of seats available in the constituent colleges. This is to take care of any dropouts at the counselling stage. Mere inclusion in the merit list and call for counselling does not guarantee admission to a course. This will exclusively depend on the candidates all India rank, the number of candidates attending the counselling, their choice of course/institution and the number of seats available.

All admissions are subject to fulfillment of all the eligibility conditions by the candidate. If it is found at a later stage, during active verification, that the candidate has given false information/certificate or is found to have concealed some Information his/her admission will be cancelled without any notice and the fee paid by the candidate if any shall be forfeited. It is the responsibility of the candidates to ensure that they fulfill all the eligibility requirements for the course/s applied.

The prospectus issued along with the application material provides guidelines and information about our courses and institutions. Whilst every effort has been made to ensure the accuracy of content at the time of publication, Manipal University reserves the right to amend or alter information without notice. No liability can be accepted by the university in connection with any such alterations or amendments.

Manipal University reserves the right to change the curriculum, course structure and the rules relating to admissions, examinations, fee structure, refunds, scholarships etc. The updates, if any will be notified in the University website and no individual communication will be sent to the candidates. All differences and disputes arising in the interpretation and implementation of the sections in this prospectus will be referred to the Vice Chancellor and his decision shall be final and binding.

Jurisdiction for all Disputes (if any) relating to the University is Udupi, Karnataka, India only.

#### Ban on Ragging:

Ragging is a Criminal Offence as per Karnataka Educational Act 1983 and Hon'ble Supreme Court of India. Manipal University ensures Strict Compliance on the Prevention of Ragging of in any Form.

#### Definition:

Ragging is any disorderly conduct whether by words spoken or written or by an act which has the effect of teasing, treating or handling with rudeness to any student, indulging in rowdy or undisciplined activities which cause or likely to cause annoyance, hardship or psychological harm or to raise fear or apprehension thereof in a fresher or a junior student and which has the effect of causing or generating a sense of shame or embarrassment so as to adversely affect the psyche of a fresher or a junior student. Supreme Court of India has defined ragging as a criminal offence.

#### Penalty for Ragging

No person who is a student of an educational institution shall commit ragging. Supreme Court of India has ordered that "if any incident of ragging comes to the notice of the authority, the concerned student shall be given liberty to explain and if his/her explanation is not found satisfactory, the authority would expel him/her from the institution".

#### Compliance to Anti-ragging regulations of regulatory bodies

- Manipal University complies with the regulations prescribed in the AICTE notification F.No.37-3/Legal/ AICTE/2009 dated 01/07/2009 related to Prevention and prohibition of Ragging in technical Institutions, Universities including Deemed to be Universities imparting technical education.
- 2. Manipal University complies with the regulations prescribed in the MCI notification No. MCI-34(1)/2009-Med./25453 dated 03/08/2009
- 3. Manipal University complies with the regulations prescribed in the DCI notification No DE-167-2008 dated 31/07/2009
- Manipal University complies with the regulations prescribed in the PCI notification No.14-1/11-PCI-Pt-I dated May 2012

#### Warning

No leniency will be shown to the offenders involved in ragging. All students are requested to note and co-operate in keeping our university and its constituent colleges free from Ragging.

Names of the officials with photograph and telephone number to be contacted in case of emergency and regulations are printed in the orientation handbook given by the institution.

As per the statutory requirement candidate/parent has to submit the anti-ragging affidavit/undertaking at the time of admission/counselling. Visit www.manipal.edu/antiragging to download the Anti - ragging affidavit format.

# **IMPORTANT NOTE**

Applicants are warned against possible cheating by unscrupulous agencies that may put out misleading advertisements in newspapers or approach by other means, promising and assuring seats for various courses by extracting large sum of money from candidates/parents. Manipal University wishes to authoritatively refute all such misleading false claims and advertisements. The seats for all the courses offered by Manipal University can be secured only by merit in the qualifying examination/entrance test. We have no agents or middlemen for admissions. There is no management quota, reserved seats or payment seats of any kind.

Foreign/Non Resident Indian (NRI) seats at Manipal University are not equivalent to payment seats or management quota. NRI seats are only available for students with Non Resident Indian status or those sponsored by relatives with NRI status or foreign nationals.

In case you are approached by such agencies, please send us an email to complaints@manipal.edu with the details and we will take necessary action.

To facilitate seamless email communication with Manipal University, we recommend you to add **admissions@manipal.edu** to your 'email safe-list'.



# How to reach Manipal University, Manipal

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









For more information, contact: Director, Admissions Manipal University Manipal 576104, Karnataka, India Phone: 09243777700 E-mail: admissions@manipal.edu



Declared as Deemed-to-be-University under Section 3 of the UGC Act.

www.manipal.edu