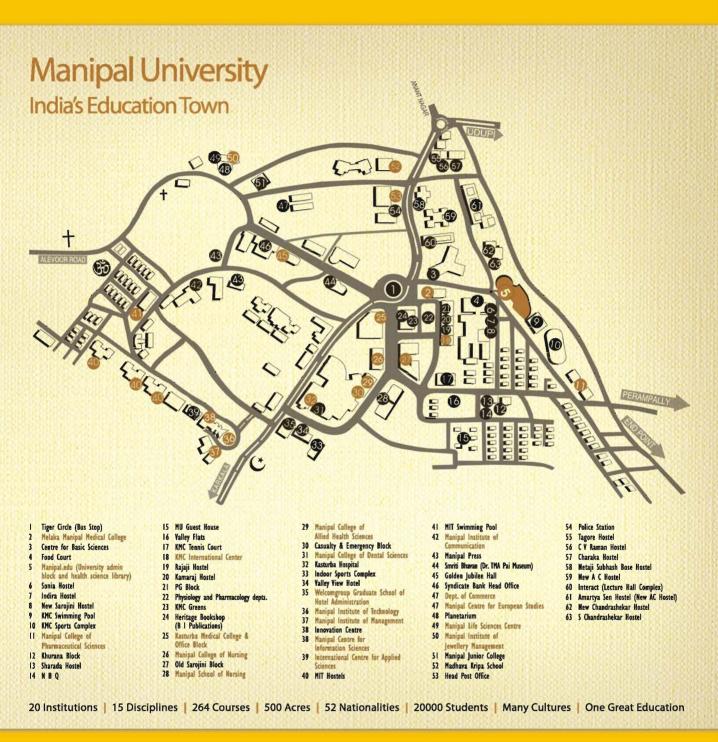


# **PROSPECTUS 2010**



# MANIPAL

# Courses offered by Manipal University



### **MANIPAL COLLEGE OF ALLIED HEALTH SCIENCES**

MANIPAL

Bachelor of Physiotherapy
MPT Cardio-pulmonary Sciences
MPT Community Based Rehabilitation
MPT Neurosciences
MPT Orthopaedics
MPT Paediatrics Physiotherapy
Bachelor of Occupational Therapy
MOT Child Health
MOT Musculo-skeletal Conditions
MOT Neurosciences
Bachelor of Audiology & Speech Language Pathology
Master of Audiology & Speech Language Pathology
BSc Medical Laboratory Technology
MSc MLT – Clinical Biochemistry
MSc MLT – Microbiology & Immunology
BSc Medical Imaging Technology
MSc Medical Imaging Technology
BSc Nuclear Medicine Technology
MSc Nuclear Medicine Technology
BSc Optometry
MSc Optometry
BSc Respiratory Therapy
MRT Adult Respiratory Care
MRT Neonatal & Paediatric Respiratory Care
BSc Health Information Administration
MSc Hospital & Health Information Administration
BSc Medical Radiation Therapy
MSc Medical Radiation Physics
BSc Cardiovascular Technology
MSc Cardiovascular Technology



#### MANIPAL INSTITUTE OF TECHNOLOGY MANIPAL

BE Aeronautical Engineering
BE Automobile Engineering
BE Biomedical Engineering
BE Biotechnology Engineering
BE Chemical Engineering
BE Civil Engineering
BE Computer Science & Engineering
BE Electrical & Electronics Engineering
BE Electronics & Communication Engineering
BE Industrial & Production Engineering
BE Information Technology
BE Instrumentation & Control Engineering
BE Mechanical Engineering
BE Mechatronics
BE Printing Technology
MTech Astronomy & Space Engineering
MTech Biomedical Engineering
MTech Computer Aided Mechanical Design & Analysis
MTech Computer Science & Engineering
MTech Construction Engineering & Management
MTech Control Systems
MTech Digital Electronics & Advanced Communication
MTech Energy Management, Auditing & Lighting
MTech Geoinformatics
MTech Industrial Biotechnology
MTech Manufacturing Engineering & Technology
MTech Microelectronics
MTech Network Engineering
MTech Nuclear Engineering
MTech Power Electronic Systems & Control
MTech Printing & Media Engineering
MTech Software Engineering - Dual Degree
MTech Structural Engineering

Master of Computer Applications

MTech Chemical Engineering Masters in Printing and Media Technology (Double Degree) MTech Engineering Management MTech Environmental Engineering

#### ARCHITECTURE

Bachelor of Architecture

MArch Advance Design

PG Certificate in Advance Architectural Design



#### WELCOMGROUP GRADUATE SCHOOL OF HOTEL ADMINISTRATION MANIPAL

Bachelor in Hotel Management MSc Hospitality & Tourism Management MSc Dietetics & Applied Nutrition Diploma in Hotel Management & Catering Technology



### MANIPAL COLLEGE OF DENTAL SCIENCES

MANIPAL

Bachelor of Dental Surgery
MDS Community Dentistry
MDS Conservative Dentistry
MDS Oral and Maxillofacial Surgery
MDS Oral Medicine and Radiology
MDS Oral Pathology
MDS Orthodontics
MDS Pedodontics
MDS Periodontics
MDS Prosthodontics
PG Diploma in Dental Materials
Certificate in Aesthetic Dentistry
Certificate in Oral Implantology



#### MANIPAL COLLEGE OF DENTAL SCIENCES MANGALORE

Bachelor of Dental Surgery

MDS Oral Pathology

MDS Orthodontics

MDS Periodontics

MDS Prosthodontics

MDS Conservative Dentistry

MDS Oral and Maxillofacial Surgery

MDS Pedodontics



#### MANIPAL COLLEGE OF PHARMACEUTICAL SCIENCES

MANIPAL

Bachelor of Pharmacy

PharmD

PharmD Post Baccalaureate

MPharm Pharmaceutical Biotechnology

MPharm Pharmaceutical Chemistry

MPharm Pharmaceutical Marketing

MPharm Pharmaceutical Quality Assurance

MPharm Pharmaceutics

MPharm Pharmacognosy

MPharm Pharmacology

MPharm Pharmaceutical Administration

MPharm Pharmacy Practice



### MANIPAL INSTITUTE OF MANAGEMENT

MANIPAL

#### **MBA** Finance

MBA Human Resource Management	
MBA Marketing	
MBA Health Care Management	
Integrated MBA	
Certificate Course in Management	



### **MANIPAL INSTITUTE OF** JEWELLERY MANAGEMENT

MANIPAL

BBA Jewellery Design & Management Lateral BBA Jewellery Design & Management



### MANIPAL INSTITUTE OF COMMUNICATION

MANIPAL

BA Journalism & Communication
MS Communication
PG Diploma in Corporate Communication
Certificate in Animation Technology



### **KASTURBA MEDICAL** COLLEGE

MANIPAL

Bachelor of Medicine & Surgery MD Anaesthesiology

MD Anatomy

MD Biochemistry
MD Community Medicine
MD Dermatology
MD Forensic Medicine
MD General Medicine
MD Hospital Administration
MD Microbiology
MD Paediatrics
MD Pathology
MD Pharmacology
MD Physiology
MD Psychiatry
MD Radio-diagnosis
MD Radio-therapy
MS General Surgery
MS Obstetrics & Gynaecology
MS Ophthalmology
MS Orthopaedic Surgery
MS Otorhinolaryngology
PG Diploma – Anaesthesiology
PG Diploma – Child Health
PG Diploma – Clinical Pathology
PG Diploma – Dermatology
PG Diploma – Obstetrics & Gynaecology
PG Diploma – Ophthalmology
PG Diploma – Orthopaedics
PG Diploma – Otorhinolaryngology
PG Diploma – Psychiatry
PG Diploma – Radio-diagnosis
DM Cardiology
DM Neurology
MCh Cardiothoracic Surgery
MCh Neuro Surgery
MCh Paediatric Surgery
MCh Urology
MSc Medical Anatomy
MSc Medical Biochemistry
MSc Medical Microbiology
MSc Medical Pharmacology
MSc Medical Physiology
MSc Clinical Embryology

	MSc Yoga Therapy
	MPhil Clinical Psychology
	MPhil Psychiatric Social Work
	Certificate in Clinical Embryology
	PG Certificate in Panchakarma



#### KASTURBA MEDICAL COLLEGE

MANGALORE

Bachelor of Medicine & Surgery
Bachelor of Physiotherapy
Bachelor of Audiology & Speech Language Pathology
Master of Audiology & Speech Language Pathology
MD Anaesthesiology
MD Anatomy
MD Biochemistry
MD Dermatology
MD General Medicine
MD Microbiology
MD Paediatrics
MD Pathology
MD Pharmacology
MD Physiology
MPT Cardio Pulmonary Sciences
MPT Community Based Rehabilitation
MPT Neurosciences
MPT Orthopaedics
MPT Pediatrics Physiotherapy
MS General Surgery
MS Obstetrics & Gynaecology
MS Ophthalmology
MS Orthopaedic Surgery
MS Otorhinolaryngology
MSc Medical – Anatomy
MSc Medical – Biochemistry
MSc Medical – Microbiology
MSc Medical – Pharmacology
MSc Medical – Physiology

PG Diploma – Anesthesiology
PG Diploma – Child Health
PG Diploma – Clinical Pathology
PG Diploma – Dermatology
PG Diploma – Obstetrics & Gynaecology
PG Diploma – Ophthalmology

- PG Diploma Orthopaedics
- PG Diploma Otorhinolaryngology



MANIPAL INSTITUTE OF REGENERATIVE MEDICINE BANGALORE

MSc Regenerative Medicine



MANIPAL COLLEGE OF NURSING

BANGALORE

BSc Nursing



MANIPAL COLLEGE OF NURSING

MANGALORE

#### BSc Nursing



MANIPAL COLLEGE OF NURSING

MANIPAL

BSc Nursing
PC BSc Nursing
MSc Medical Surgical Nursing
MSc Obstetrics & Gynaecology Nursing
MSc Paediatric Nursing

MSc Psychiatric Nursing MSc Community Health Nursing MPhil Nursing



#### MANIPAL LIFE SCIENCES CENTRE

MANIPAL

BSc Biotechnology MSc Medical Biotechnology MSc Medical Molecular Biology & Human Genetics MSc Bioinformatics



#### MANIPAL CENTRE FOR INFORMATION SCIENCES

MANIPAL

MS Medical Software

MS VLSI CAD

MS Embedded Systems

MSc Digital Design & Embedded Systems

MSc Information Science

MS VLSI System Design & Verification (AXIOM)

MS IT Management

MS Wireless Embedded Systems

Dual Degree - MS Embedded Systems & Instrumentation; MSc Control Embedded Instrumentation



#### MANIPAL UNIVERSITY

MANIPAL

#### DEPARTMENT OF ADVANCED PHARMACEUTICAL SCIENCES

MSc Nutraceutical & Cosmeceutical Sciences

MSc Nanopharmaceuticals

MSc Phytopharmacy & Phytomedicine

MSc Pharmaceutical Regulatory Affairs

MSc Intellectual Property Management MSc Clinical Research Management MSc Pharmacoeconomics

#### DEPARTMENT OF GEOPOLITICS

MS in Geopolitics and International Relations

#### DEPARTMENT OF COMMERCE

BBM e-Banking & Finance

#### DEPARTMENT OF STATISTICS

Certificate of Biostatistics, Epidemiology & Research Methodology MSc Biostatistics

#### CENTRE FOR ATOMIC AND MOLECULAR PHYSICS

**MSc** Photonics

#### DEPARTMENT OF PUBLIC HEALTH

Master of Public Health

Master of Social Work - Community Organization and Development

Master of Social Work - Human Resource Management & Industrial Relations

Master of Social Work - Medical & Psychiatric Social Work & Counselling

#### MANIPAL CENTRE FOR EUROPEAN STUDIES

Master of European Studies & Management

PG Diploma in Gandhian & Peace Studies

Certificate Course in Public Health

Certificate Course in Global Health

#### DEPARTMENT OF APPLIED SCIENCES

MSc Organic Chemistry

MSc Applied Mathematics & Computing

MSc Physics- Condensed Matter Physics

MSc Physics- Optoelectronics

BSc Applied Sciences- Computer Science

BSc Applied Sciences- Electronics

# Contents

### SECTION 1

11

MBBS	12
BDS	12
BE	12
BPharm	12
PharmD	12
BArch	14
BA Journalism & Communication Studies	15
BBM e-Banking & Finance	15
BHM	15
PC BSc Nursing	17
Lateral entry - BE/BPharm/BBA JDM	17
BSc Nursing	19
BSc Biotechnology	19
ВРТ	19
BOT	19
BSc MIT	19
BSc NMT	19
BSc MLT	19
BSc MRT	19
BSc CVT	19
BSc RT	19
BSc OPT	19
BASLP	19
BSc HIA	19
BBA Jewellery Design & Management	19
BSc Applied Sciences	21

## SECTION 2

MD	24
MS	24
PG Medical Diploma	24
MDS	24
МРТ	26
MOT	26
MASLP	26
MSc MLT	26
MSc MIT	26

MSc NMT	26
MSc Optometry	26
MRT	26
MSc CVT	26
MPharm	26
MSc in Advanced Pharmaceutical Sciences	26
PharmD Post Baccalaureate	26
MSc Nursing	26
MS Communication	29
MCA	29
PG DCC	29
MBA	31
MBA Part Time	31
Master of Social Work	31
Integrated MBA	32
MTech Software Engg - Dual Degree	33
MTech courses	34
MS Medical Software	34
MS VLSI CAD	34
MS Embedded Systems	34
MS VLSI (AXIOM)	34
MS Dual Degree	34
MS Wireless Management	34
MS IT Management	34
MArch	34
PG CAAD	34
MSc Medical	37
MSc Clinical Embryology	37
MSc Dietetics & Applied Nutrition	37
MSc Yoga Therapy	37
MSc HHIA	37
MSc Biostatistics	37
MSc Bioinformatics	37
MSc Technical	37
MSc HTM	39
MSc Photonics	39
Master of Public Health	39
MSc Physics	41
MSc Mathematics	41
MSc Chemistry	41
MS Geopolitics & International Relations	41
Masters in European Studies & Management	42

### SECTION 3

DM	44
MCh	44
MPhil Nursing	45
MPhil Clinical Psychology	45
MPhil Psychiatric Social Work	45

## SECTION 4

Oral Implantology	49
Aesthetic Dentistry	49
Panchakarma	49
Animation Technology	50
Advance Architectural Design	50
Public Health	50
Global Health	50
Dental Materials	51
Management	51
Corporate Communication	51
Gandhian & Peace Studies	51
Other Campus Courses	52

### SECTION 5

EPSI	57
ENAT Booking System	57
Scratch Card	57
ENAT Booking Password	57
ENAT Booking Schedule	57
ENAT Booking Procedure	58
e-Hall Ticket	58
EPSI National Admission Test	59
Regulations at the Test Centre	59
ENAT Guidelines	59
ENAT Score	60
Mock Test	60

### 43

47

55

Counselling Procedure	63
Waitlist	63
Documents	63
Format - Notary Affidavit	67
Format - Experience Certificate	67
Format - Authorization for Representative	67

### SECTION 7

**SECTION 6** 

Course Fee Structure	71
Refund Rules	73
ID card	73
Medical Facilities	74
Stipend	74
Hostel Information	75
Hostel Fee Structure	76

### SECTION 8 83

Freeships	84
Scholarships	84

## SECTION 9 87

Group & Course codes	88
Form Filling Instructions	92

# <u>69</u>

**61** 

# Last date for receipt of application

MBBS, BDS, BE, BPharm, PharmD	13.03.10
BHM, BAJC, BBM e-Banking	16.03.10
BArch	10.05.10
BSc Nursing, BSc Biotechnology, BPT, BOT, BSc MIT, BSc NMT, BSc MLT,	
BSc MRT, BSc CVT, BSc RT, BSc OPT, BASLP, BSc HIA, BBA JDM	30.05.10
PC BSc Nursing, Lateral BE/BPharm/ BBA JDM	30.05.10
MD, MS, PG Medical Diploma, MDS, PG Diploma in Dental Materials	31.01.10
MPT, MOT, MASLP, MSc MLT, MSc MIT, MSc NMT, MSc Optometry,	
MRT, MSc CVT, MPharm, MSc in Advanced Pharmaceutical Sciences,	
PharmD Post Baccalaureate, MSc Nursing	30.03.10
MBA, MESM, MBA (Part Time)	30.05.10
MSW, MSc HTM	15.06.10
MS Communication, MCA, MSc Medical (with ET), PG DCC	15.05.10
MTech (Computer Science, Digital Electronics & Advanced Communication, Network Engg,	
Software Engg & Micro Electronics), MS (Medical Software, VLSI CAD, Embedded Systems,	
VLSI (AXIOM), Embedded DUAL Degree, Wireless Embedded Systems)	30.03.10
MTech (without ET), MS IT Management, MArch, MSc Technical, MSc Biostatistics,	
MSc Radiation Physics, MSc Photonics, MPH, MSc (Physics, Chemistry, Mathematics),	
MS GIR, MSc Yoga, MSc HHIA, MSc Bioinformatics, MSc in Dietetics & Applied Nutrition	01.06.10
DM, MCh, MPhil	30.06.10
Oral Implantology Aesthetic Dentistry	10.03.10
	30.06.10
Advance Architectural Design	01.06.10
Corporate Communication	15.05.10
Gandhian & Peace Studies	30.06.10
	BHM, BAJC, BBM e-Banking     BArch     BSc Nursing, BSc Biotechnology, BPT, BOT, BSc MIT, BSc MIT, BSc MLT,     BSc Nursing, Lateral BE/BPharm/ BBA JDM     PC BSc Nursing, Lateral BE/BPharm/ BBA JDM     MD, MS, PG Medical Diploma, MDS, PG Diploma in Dental Materials     MPT, MOT, MASLP, MSc MLT, MSc MIT, MSc NMT, MSc Optometry,     MRT, MSc CVT, MPharm, MSc in Advanced Pharmaceutical Sciences,     PharmD Post Baccalaureate, MSc Nursing     MBA, MESM, MBA (Part Time)     MSW, MSc HTM     MS Communication, MCA, MSc Medical (with ET), PG DCC     MTech (Computer Science, Digital Electronics & Advanced Communication, Network Engg,     Software Engg & Micro Electronics), MS (Medical Software, VLSI CAD, Embedded Systems,     VLSI (AXIOM), Embedded DUAL Degree, Wireless Embedded Systems)     MTech (without ET), MS IT Management, MArch, MSc Technical, MSc Biostatistics,     MSC Radiation Physics, MSc Photonics, MPH, MSc (Physics, Chemistry, Mathematics),     MS GIR, MSc Yoga, MSc HHIA, MSc Bioinformatics, MSc in Dietetics & Applied Nutrition     DM, MCh, MPhil     Oral Implantology, Aesthetic Dentistry     Panchakarma, Animation Technology, Global Health, Public Health     Advance Architectural Design

#### WARNING

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 for monetary considerations or 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.

### Section-1

#### **Undergraduate Courses**

- MBBS
- BDS
- BE Aeronautical, Automobile, Bio-medical, Biotechnology, Chemical, Civil, Computer Science, Electrical & Electronics, Electronics & Communication, Industrial & Production, Information Technology, Instrumentation & Control, Mechanical, Mechatronics, Printing Technology
- BArch
- BPharm
- PharmD
- BHM
- BA Journalism & Communication Studies
- BBM e-Banking & Finance
- PC BSc Nursing
- Lateral Entry BE/BPharm/BBA JDM
- BSc Nursing
- BSc Biotechnology
- Bachelor of Physiotherapy
- Bachelor of Occupational Therapy
- BSc Medical Imaging Technology
- BSc Nuclear Medicine Technology
- BSc Medical Laboratory Technology
- BSc Medical Radiation Therapy
- BSc Cardiovascular Technology
- BSc Respiratory Therapy
- BSc Optometry
- Bachelor of Audiology & Speech Language Pathology
- BSc Health Information Administration
- BBA Jewellery Design & Management
- BSc Applied Sciences Computer Science, Electronics

# MBBS, BDS, BE, BPharm, PharmD

BACHELOR OF MEDICINE AND BACHELOR OF SURGERY (MBBS) 4 1/2 years plus 1 year compulsory rotating internship

BACHELOR OF DENTAL SURGERY (BDS) 5 years

#### BACHELOR OF ENGINEERING (BE) 4 years

Candidates have the option of joining the integrated MBA course after the completion of second year. For details of the integrated MBA course, please refer to page 32

#### BACHELOR OF PHARMACY (BPharm) 4 years

Candidates have the option of joining the integrated MBA course after the completion of second year. For details of the integrated MBA course, please refer to page 32.

**DOCTOR OF PHARMACY (PharmD)** 5 years plus 1 year internship

ELIGIBILITY

**CITIZENSHIP:** Indian Nationals

**DATE OF BIRTH:** Only those whose date of birth falls on or before 31.12.93 are eligible to apply for MBBS/BDS/ BPharm/ PharmD courses.

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

- Physics, Chemistry, Biology and English for admission to MBBS/BDS with a pass and a minimum of 55% marks in Physics, Chemistry and Biology.
- Physics, Mathematics and English with Chemistry or Biotechnology or Computer Science or Biology or Statistics or Engineering Drawing as optional subjects for admission to BE with a pass and a minimum of 50% marks in Physics, Mathematics and any one of the optional subjects.
- Physics, Chemistry and English with Mathematics or Biotechnology or Computer Science or Biology as optional subjects for admission to BPharm with a pass and a minimum of 50% marks in Physics, Chemistry and any one of the optional subjects.
- Physics, Chemistry and English with Mathematics or Biology as optional subjects / DPharm or any other equivalent qualification approved by Pharmacy Council of India for admission to PharmD with a pass and a minimum of 60% marks in aggregate.

#### ADMISSIONS

**GENERAL CATEGORY:** Admissions are done on the basis of rank in an all India EPSI National Admission Test (ENAT 2010).

<u>NOTE</u>: Only candidates who have secured minimum of 50% marks taken together in Physics, Chemistry and Biology in ENAT 2010 will be considered for admissions to MBBS and BDS courses.

**FOREIGN/NRI CATEGORY:** Admissions under this category are handled by a separate office. Candidates desirous of applying under this category can write to: Deputy Director, International Admissions, Manipal University, Manipal - 576104. Email: foradmission@manipal.edu.

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 these courses under the General Category.

**GOVERNMENT CATEGORY:** A few MBBS seats are reserved for candidates selected and sponsored by Karnataka Examinations Authority (KEA), Government of Karnataka, Bangalore.

#### ENAT 2010

There are 2 groups under this test:

**GROUP I:** Applicable to MBBS / BDS / BPharm / PharmD courses

**TEST PATTERN:** The test duration is of 2.30 hours and consists of 240 multiple choice questions (MCQ) of the objective type. The approximate distribution of questions is as follows: Physics - 60 questions, Chemistry - 60 questions, Biology - 80 questions, English & General Aptitude - 40 questions.

GROUP II: Applicable to BE / BPharm / PharmD courses

**TEST PATTERN:** The test duration is of 2.30 hours and consists of 240 multiple choice questions (MCQ) of the objective type. The approximate distribution of questions is as follows: Physics - 60 questions, Chemistry - 60 questions, Mathematics - 80 questions, English & General Aptitude - 40 questions.

#### ENAT 2010 SYLLABI

The test papers in Physics, Chemistry, Biology, Mathematics and General English includes questions based on the 10+2 syllabus followed by major 10+2 Boards/Universities. The detailed syllabi can be downloaded from our website www. manipal.edu.

#### **ENAT CENTRES**

Ahmedabad, Allahabad, Bangalore, Bhopal, Bhubaneshwar, Chandigarh, Chennai, Coimbatore, Delhi, Ernakulam, Gangtok, Guwahati, Hyderabad, Jaipur, Jamshedpur, Kanpur, Kolkata, Kota, Lucknow, Manipal, Mangalore, Mumbai, Patna, Pune, Ranchi, Varanasi, Vijayawada

#### SCHEDULE

The ENAT will be held between 01.04.10 and 20.05.10. The candidates can select the test schedule of their choice.

Candidates are required to go through Section 05 for details on ENAT schedule booking procedure, e-hall ticket and ENAT guidelines.

#### **MERIT LIST**

Based on the marks obtained in ENAT 2010, Manipal University will declare the merit list of all candidates who have appeared for the entrance test separately for MBBS, BDS, BE, BPharm and PharmD courses. The merit lists will be displayed on or before 25.05.10 in the website. In case of two or more candidates obtaining equal marks, the inter-se merit of such candidates will be determined on the basis of higher marks in the order of preference as under:

- Biology/Mathematics in ENAT 2010
- Physics in ENAT 2010
- Chemistry in ENAT 2010
- PCB/PCM marks in 10+2

#### COUNSELLING

Candidates are required to go through Section 06 for details on counselling procedure, documents to be submitted etc. and Section 07 for details on fees and hostels.

# Laptop computers will be given to all students admitted to MBBS, BDS & BE courses.

#### **CLASSES**

- MBBS 02.08.10
- BDS 26.07.10
- BE 15.07.10
- BPharm / PharmD 20.07.10

### **Important Note**

- Candidates applying under both GROUP I and GROUP II must submit 2 separate application forms GROUP I: MBBS / BDS / BPharm / PharmD GROUP II: BE / BPharm / PharmD
- Candidates desirous of applying for BPharm / PharmD courses can opt for the course under GROUP I or GROUP II or both.
- Candidates are required to send the FORM + DD/Challan for Rs.1000 drawn on 'Manipal University' payable at Manipal or Udupi on or before 13.03.10.

# Bachelor of Architecture

#### **BACHELOR OF ARCHITECTURE (BArch)** 5 years

#### ELIGIBILITY

#### **CITIZENSHIP:** Indian Nationals

QUALIFICATIONS: Pass in 10+2 or 3 years diploma recognized by the Central/State Government or equivalent qualification from any Board. They should have secured not less than 50% marks in aggregate with Mathematics and English as one of the subjects and 40% marks in NATA.

#### **ADMISSIONS**

**GENERAL CATEGORY:** Admissions are done on the basis of the marks obtained at the qualifying examination and an all India National Aptitude Test in Architecture (NATA) conducted by Council of Architecture (COA).

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 10.06.10. The application number must be written on the top right corner of the photocopy.

**FOREIGN/NRI CATEGORY:** Admissions under this category are handled by a separate office. Candidates desirous of applying under this category can write to: Deputy Director, International Admissions, Manipal University, Manipal - 576104. Email: foradmission@manipal.edu.

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 these courses under the General Category.

#### NATA 2010

**NATA BULLETIN AND APPLICATION:** For more details on availability of NATA applications, Sale outlets, Important dates, Test centres, etc. visit www.nata.in.

#### **MERIT LIST**

Based on the marks obtained in 10+2 and NATA 2010, Manipal University will declare a list of candidates in the order of merit on or before 12.06.10 in the website.

#### COUNSELLING

Candidates are required to go through Section 06 for details on counselling procedure, documents to be submitted etc. and Section 07 for details on fees and hostels.

# Laptop computers will be given to all students admitted to BArch course.

CLASSES

• BArch - 15.07.10

### **Important Note**

- Candidates should apply to NATA separately. For details visit www.nata.in.
- Candidates are required to send the FORM on or before 10.05.10 + Attested photocopy of 10+2 / diploma marks card and NATA score card on or before 10.06.10.

# BHM, Diploma in Hotel Management & Catering Technology, BA Journalism & Communication Studies, BBM e-Banking & Finance

#### **BACHELOR IN HOTEL MANAGEMENT (BHM)** 4 years

Candidates have the option of joining the integrated MBA course after the completion of second year. For details of the integrated MBA course, please refer to page 32.

#### DIPLOMA IN HOTEL MANAGEMENT & CATERING TECHNOLOGY (DHMCT) 3 years

DHMCT will be awarded to students who decide to discontinue BHM course after third year.

#### BA JOURNALISM AND COMMUNICATION STUDIES (BAJC) 3 years

BBM e-BANKING & FINANCE (BBM) 3 years divided into 6 semesters

#### ELIGIBILITY

#### **CITIZENSHIP:** Indian Nationals

**QUALIFICATIONS:** Pass in 10+2, A Level, IB, American 12th grade or equivalent with a minimum of:

- 50% marks in 10+2 examination for BHM, and BBM courses.
- 45% marks in 10+2 examination for BAJC course. Arts group subjects will be the preferred qualification.

#### **ADMISSIONS**

**GENERAL CATEGORY: BHM:** Admissions are done on the basis of rank in an all India EPSI National Admission Test (ENAT 2010). Based on the marks scored in ENAT 2010, candidates will be shortlisted to attend group discussion and interview. Final selection will be based on the marks secured in ENAT 2010, group discussion and interview.

**BAJC, BBM:** Admissions are done on the basis of an all India EPSI National Admission Test (ENAT 2010).

**FOREIGN/NRI CATEGORY:** Admissions under this category are handled by a separate office. Candidates desirous of applying under this category can write to: Deputy Director, International Admissions, Manipal University, Manipal - 576104. Email: foradmission@manipal.edu.

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 these courses under the General Category.

#### ENAT 2010

TEST PATTERN - The test will be of 2.30 hours duration and carries 100 marks. There will be one question paper divided into Numeracy (20 marks), Conceptual (25 marks), General English (20 marks), General Awareness (20 marks), Case Study (15 marks) of Multiple Choice Questions (MCQ) of the objective type.

#### **ENAT CENTRES**

Ahmedabad, Allahabad, Bangalore, Bhopal, Bhubaneshwar, Chandigarh, Chennai, Coimbatore, Delhi, Ernakulam, Gangtok, Guwahati, Hyderabad, Jaipur, Jamshedpur, Kanpur, Kolkata, Kota, Lucknow, Manipal, Mangalore, Mumbai, Patna, Pune, Ranchi, Varanasi, Vijayawada

#### SCHEDULE

The ENAT will be held on 04.04.10, 11.04.10, 18.04.10, 25.04.10, 02.05.10. The candidates can select the test schedule of their choice.

<u>NOTE:</u> The ENAT for BHM course will be held on 04.04.10, 11.04.10 and 18.04.10 only.

Candidates are required to go through Section 05 for details on ENAT schedule booking procedure, e-hall ticket and ENAT guidelines.

#### **GD & INTERVIEW**

Based on the marks scored in ENAT 2010, Manipal University will declare a shortlist of candidates eligible for GD & Interview. Successful candidates selected for GD & Interview will be announced in the website on 21.04.10. The number of candidates included in the shortlist will be more than the total number of seats available. Mere inclusion in the shortlist does not guarantee admission.

Candidates called for GD & Interview must bring all the original certificates and e-hall ticket.

The GD & Interview will be held in Delhi from 05.05.10 to 08.05.10 and in Manipal from 13.05.10 to 15.05.10. The exact schedule will be displayed in the website.

#### **MERIT LIST**

**BHM:** Based on the marks obtained in ENAT 2010, group discussion and interview, a merit list will be announced on or before 20.05.10 in the website.

**BAJC, BBM**: Based on the marks obtained in ENAT 2010, a merit list will be displayed on or before 05.05.10 in the website.

#### COUNSELLING

Candidates are required to go through Section 06 for details on counselling procedure, documents to be submitted etc. and Section 07 for details on fees and hostels.

# Laptop computers will be given to all students admitted to BHM course.

CLASSES

• BHM, BAJC, BBM - 09.07.10

### **Important Note**

- Candidates can apply for more than one course using the same application form.
- Candidates are required to send the FORM + DD/Challan for Rs.1000 drawn on 'Manipal University' payable at Manipal or Udupi on or before 16.03.10.

#### India's Education Town

56 Years of Excellence | 2214 Faculty | 100000 Alumni | Ultra Modern Infrastructure | Asia's Best Anatomy Museum



# PC BSc Nursing, Lateral Entry - BE, BPharm, BBA JDM

#### POST CERTIFICATE BSc NURSING 2 years

#### BE & BPharm 3 years

Candidates are admitted directly to second year.

**BBA JDM** 2 years, including 6 months internship in renowned Jewellery establishments. Candidates are admitted directly to second year.

#### ELIGIBILITY

#### **CITIZENSHIP:** Indian Nationals

**QUALIFICATIONS:** PC BSc NURSING - Pass in GNM after 10+2 or equivalent examination preferably with Science subjects. Candidates should be a registered Nurse and registered Midwife or equivalent with any State Nursing Registration Council.

<u>NOTE</u>: Candidates should have completed their GNM course on or before 31.05.10.

**BBA JDM:** 3 years Diploma in Engineering / Jewellery Management with minimum of 45% marks in aggregate.

**BPharm:** Diploma holder in Pharmacy with a minimum 60% marks in aggregate.

**BE:** 3 years Diploma in Engineering granted by the Board of Technical Examination of a State Government or BSc with Mathematics as one of the subjects or equivalent qualification with a minimum of 60% marks in aggregate. BSc degree holders are eligible to any of the branch mentioned below. Diploma holders are eligible for admission to the corresponding branch of their specialization as per the following list:

- BE AERONAUTICAL ENGINEERING: Diploma in Heat Power Technology or Mechanical Engineering or Mechatronics or Automobile or Welding Sheet Metal or Electronics & Communication or Instrumentation Engineering or Electrical Engineering.
- **BE AUTOMOBILE ENGINEERING:** Diploma in Heat Power Technology or Machine Tool Technology or Mechanical Engineering or Mechatronics or Hydrological Engineering or Automobile or Welding and Sheet Metal.
- BE BIOTECHNOLOGY Diploma in Chemical Engineering or

Biotechnology or BSc in Biotechnology.

- **BE CIVIL:** Diploma in Civil Engineering or Architecture.
- BE MECHANICAL / INDUSTRIAL & PRODUCTION ENGINEERING: Diploma in Heat Power Technology or Machine Tool Technology or Mechanical Engineering or Mechatronics or Horological Engineering or Automobile or Welding Sheet Metal.
- BE MECHATRONICS: Diploma in Heat Power Technology or Machine Tool Technology or Mechanical Engineering or Mechatronics or Horological Engineering or Automobile or Welding Sheet Metal or Electronics & Communication or Electrical & Electronics or Instrumentation & Control Engineering.
- **BE CS/IT:** Diploma in Computer Science & Engineering or Information Technology.
- BE BIOMEDICAL/E & C/E & E/I & C: Diploma in Electronics & Communication or Instrumentation Engineering or Electrical Engineering.
- **BE CHEMICAL:** Diploma in Polymer Technology or Chemical Engineering.
- BE PRINTING: Diploma in Printing Technology.

#### **ADMISSIONS**

**GENERAL CATEGORY:** Admissions are done on the basis of rank in an all India entrance test conducted by Manipal University on 15.06.10 at Manipal for PC BSc Nursing and 01.07.10 for BE course.

For BBA JDM and BPharm admissions are based on the total marks obtained in qualifying examination.

**FOREIGN/NRI CATEGORY:** Admissions under this category are handled by a separate office. Candidates desirous of applying under this category can write to: Deputy Director, International Admissions, Manipal University, Manipal - 576104. Email: foradmission@manipal.edu.

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 these courses under the General Category.

#### **ENTRANCE TEST**

**TEST PATTERN:** PC BSc NURSING - The test duration is of 1 hour and consists of 50 multiple choice questions covering the subjects of GNM.

BE - The test duration is of 1 hour and consists of 2 sections. The approximate distribution of questions is as follows:

Section 1: First year Diploma level - Mathematics (30), Physics (10), Chemistry (10) and Communication Skills (10).

Section 2: Diploma level (40 questions) - 1) Civil Engineering 2) Chemical Engineering 3) Printing Technology 4) Computer Science and Information Technology 5) Mechanical Engineering and 6) E&E, E&C, I&C and Biomedical Engineering.

BSc graduates with Mathematics will have a separate question paper consisting of 70 questions in Mathematics and 30 questions in Communication Skills.

#### HALL TICKET

The Hall Ticket will be dispatched only by Certificate of Posting or Business Mail so as to reach the candidates by 05.06.10. In case the Hall Ticket is not received by the above date, the candidates should visit www.manipal.edu to obtain a Duplicate Hall Ticket.

#### **MERIT LIST**

Based on marks obtained in the entrance test, Manipal University will declare a list of candidates in the order of merit. This list will be announced on or before 01.07.10 for BE and 15.06.10 for PC BSc Nursing after the entrance test.

For BPharm, BBA JDM. Manipal university will display the merit list on or before 15.06.10.

#### COUNSELLING

Candidates are required to go through Section 06 for details on counselling procedure, documents to be submitted etc. and Section 07 for details on fees and hostels.

# Laptop computers will be given to all students admitted to BE (Lateral) course.

#### CLASSES

- BE (Lateral) 12.07.10
- BPharm (Lateral) 02.08.10
- BBA JDM (Lateral) 15.07.10
- PC BSc Nursing 01.07.10

### **Important Note**

• Candidates are required to send the FORM + DD/Challan for Rs.1000 drawn on 'Manipal University' payable at Manipal or Udupi on or before 30.05.10.

# BSc Nursing, BSc Biotechnology, Allied Health Degree, BBA Jewellery Design & Management

#### BSc NURSING 4 years including internship

Candidates have the option of joining the Certificate Course in Management, after completion of the fourth year. For details of the Certificate Course in Management course, please refer to page 51.

#### **BSc BIOTECHNOLOGY** 3 years

**BACHELOR OF PHYSIOTHERAPY (BPT)** 4 years plus 6 months of internship

### BACHELOR OF OCCUPATIONAL THERAPY (BOT)

4 years plus 6 months of internship

BSc MEDICAL IMAGING TECHNOLOGY (BSc MIT) 3 years plus 1 year of internship

BSc NUCLEAR MEDICINE TECHNOLOGY (INTEGRATED BSc NMT) - BSc NMT 3 years + DNMT - 1 year

BSc MEDICAL LABORATORY TECHNOLOGY (BSc MLT) 3 years plus 1 year of internship

#### BSc MEDICAL RADIATION THERAPY (BSc MRT)

3 years plus 1 year of internship

Diploma in Radiotherapy Technology holders with more than 3 years experience will be exempted from the internship.

BSc CARDIOVASCULAR TECHNOLOGY (BSc CVT)

3 years plus 1 year of internship

**BSc RESPIRATORY THERAPY (BSc RT)** 3 years plus 1 year of internship

**BSc OPTOMETRY (BSc OPT)** 3 years plus 1 year of internship

BACHELOR OF AUDIOLOGY & SPEECH LANGUAGE PATHOLOGY (BASLP) 3 years plus 1 year of internship

BSc HEALTH INFORMATION ADMINISTRATION (BSc HIA) 3 years divided into 6 semesters

#### **BBA JEWELLERY DESIGN & MANAGEMENT (BBA JDM)**

3 years divided into 6 semesters including 6 months internship

<u>NOTE</u>: Allied health graduates have the option of joining the Certificate Course in Management during their internship

period. For details of the Certificate Course in Management, please refer to page 51.

#### ELIGIBILITY

**CITIZENSHIP:** Indian Nationals

**DATE OF BIRTH:** Only those whose date of birth falls on or before 31.12.93 are eligible to apply for BSc Nursing course.

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

- Physics, Chemistry, Biology and English for admission to BSc Nursing and a minimum of 45% marks in Physics, Chemistry, Biology and English.
- Physics, Chemistry and English with Biology or Biotechnology or Mathematics or any other Life Science subject as optionals for admission to BSc Biotechnology and a minimum of 55% marks in Physics, Chemistry and any one of the optional subjects.
- Physics, Chemistry, English and Biology for admission to BPT / BOT / BSc MIT / BSc NMT / BSc MLT /BSc CVT/ BSc RT and a minimum of 45% marks in Physics, Chemistry and Biology.
- Physics, Chemistry and English with Biology or Mathematics as optional subjects for admission to BSc OPT / BASLP and a minimum of 45% marks in Physics, Chemistry and any one of the optional subjects.
- Physics, Chemistry, Mathematics and English for admission to **BSc MRT** and a minimum of 45% marks in Physics, Chemistry and Mathematics.
- Any Science/Arts/Commerce groups for admission to BSc HIA/BBA JDM and a minimum of 45% marks in aggregate. Diploma holders in Engineering or Jewellery Management are also eligible for BBA JDM.

#### **ADMISSIONS**

GENERAL CATEGORY: BSc NURSING: Admissions are made on the basis of merit.

**BSC BIOTECHNOLOGY:** Admissions are made on the basis of marks obtained in Physics, Chemistry and Biology or Biotechnology or Mathematics or any other Life Science subject as optional at the qualifying examination.

**BPT/BOT/ BSc MIT /BSc NMT/BSc MLT/BSc CVT/BSc RT:** Admissions are made on the basis of marks obtained in Physics, Chemistry and Biology at the qualifying examination.

**BSc OPT/BASLP:** Admissions are made on the basis of marks obtained in Physics, Chemistry and Biology or Mathematics at the qualifying examination.

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

**BSc HIA/BBA JDM:** Admissions are made on the basis of total marks obtained at the qualifying examination.

**FOREIGN/NRI CATEGORY:** Admissions under this category are handled by a separate office. Candidates desirous of applying under this category can write to: Deputy Director, International Admissions, Manipal University, Manipal - 576104. Email: foradmission@manipal.edu.

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 these courses under the General Category.

#### **MERIT LIST**

Manipal University will declare a list of all candidates in the order of merit as follows:

- Based on Physics, Chemistry, Biology and English marks for admission to **BSc Nursing** course
- Based on marks obtained in Physics, Chemistry and Biology or Biotechnology or Mathematics or any other Life Science subject as optional at 10 + 2 for admission to BSc Biotechnology course
- Based on total marks at 10+2 for admission to BSc HIA/BBA

#### JDM course

• Based on Physics, Chemistry, Biology and/or Mathematics marks at 10+2 for admission to **Allied Health** courses

Candidates with Mathematics as subject in 10+2 will be given separate rank based on **PCM** marks in the above merit list. They will be considered for admission to **BSc OPT** or **BASLP** or **BSc MRT** course against these ranks.

In case of two or more candidates obtaining equal marks in the merit list, the inter-se merit of such candidates will be determined respectively on the basis of English marks and total marks at the qualifying examination.

The above merit lists will be displayed on or before 15.06.10 in the website.

#### COUNSELLING

Candidates are required to go through Section 06 for details on counselling procedure, documents to be submitted etc. and Section 07 for details on fees and hostels.

#### CLASSES

- BSc Nursing 02.07.10
- BSc Biotechnology 15.07.10
- Allied Health Degree 20.07.10
- BBA JDM 15.07.10

### **Important Note**

- Candidates can apply for more than one course using the same application form.
- Candidates are required to send the FORM on or before 30.05.10 + Attested photocopy of 10+2 marks card on or before 10.06.10.

# BSc Applied Sciences

#### BSc APPLIED SCIENCES 3 years

#### ELIGIBILITY

#### **CITIZENSHIP:** Indian Nationals

**QUALIFICATIONS:** Candidates with pass in 10+2, A level, IB, American 12th grade or equivalent with Physics, Mathematics and English with Chemistry or Biotechnology or Computer Science or Biology or Engineering Drawing as optional subjects and a minimum of 50% marks in Physics, Mathematics and any one of the optional subjects.

#### **ADMISSIONS**

There is no entrance test and the admissions are made on the basis of marks obtained at the qualifying examination.

#### **MERIT LIST**

Based on the marks obtained in the qualifying examination, a merit list will be displayed on or before 25.07.10 in the website.

#### CLASSES

• BSc Applied Sciences - 01.09.10

### **Important Note**

• Candidates are required to send FORM + Attested photocopy of 10+2 marks card on or before 30.05.10.

#### Asia's Largest Health Science Library

#### 1300 Students Capacity | Over 1 lac Medical Books & Journals



The Formula 1 car was made by the students of Manipal and they were the only team from Asia to participate in Formula Student in 2009, in Sliverstone, U.K, where 126 universities from 23 countries participated.



### Section-2

#### **Postgraduate Courses**

- MD Anaesthesiology, Anatomy, Biochemistry, Community Medicine, Dermatology, Venereology & Leprosy, Forensic Medicine, General Medicine, Hospital Administration, Microbiology, Paediatrics, Pathology, Pharmacology, Physiology, Psychiatry, Radio-diagnosis, Radio-therapy
- MS General Surgery, Obstetrics & Gynaecology, Ophthalmology, Orthopaedics, Otorhinolaryngology
- PG Medical Diploma Anaesthesiology, Clinical Pathology, Child Health, Dermatology, Venereology & Leprosy, Obstetrics & Gynaecology, Ophthalmology, Orthopaedics, Otorhinolaryngology, Psychiatry, Radio-diagnosis
- MDS Community Dentistry, Conservative Dentistry, Oral & Maxillofacial Surgery, Oral Medicine & Radiology, Oral Pathology, Orthodontics, Pedodontics, Periodontics, Prosthodontics
- MPT Cardio-pulmonary Sciences, Community Based Rehabilitation, Neurosciences, Orthopaedics, Paediatrics Physiotherapy
- MOT Child Health, Musculo-skeletal, Neurosciences
- MASLP
- MSc MLT Microbiology & Immunology, Clinical Biochemistry
- MSc Medical Imaging Technology
- MSc Nuclear Medicine Technology
- MSc Optometry
- MRT Adult Respiratory Care, Neonatal & Paediatric Respiratory Care
- MSc Cardiovascular Technology
- MPharm Pharmaceutics, Pharmaceutical Chemistry, Pharmacognosy, Pharmacology, Pharmaceutical Marketing, Pharmaceutical Administration, Pharmacy Practice, Pharmaceutical Quality Assurance, Pharmaceutical Biotechnology
- MSc in Advanced Pharmaceutical Sciences Nutraceutical & Cosmeceutical Sciences, Nanopharmaceuticals, Phytopharmacy & Phytomedicine, Pharmaceutical Regulatory Affairs, Intellectual Property Management, Clinical Research Management, Pharmacoeconomics
- PharmD Post Baccalaureate
- MSc Nursing Paediatric, Community Health, Medical Surgical, Psychiatric, Obstetrics & Gynaecology
- MS Communication
- MBA Marketing Management, Financial Management, Human Resource Management, Health Care Management.

- Master of Social Work
- MBA (Part Time)
- Integrated MBA BE, BHM, BPharm
- MTech Astronomy & Space Engineering, Bio-medical Engineering, Chemical Engineering, Computer Aided Mechanical Design & Analysis, Computer Science & Engineering, Construction Engineering & Management, Control Systems, Digital Electronics & Advanced Communication, Energy Management, Auditing & Lighting,Engineering Management, Environmental Engineering, Geoinformatics, Industrial Biotechnology Manufacturing Engineering & Technology, Microelectronics, Network Engineering, Nuclear Engineering, Power Electronic Systems & Control, Printing & Media Technology, Software Engineering – Dual Degree, Structural Engineering, Printing & Media Technology - Dual Degree
- MS Medical Software, VLSI CAD, Embedded Systems, Dual Degree Embedded Systems & Instrumentation, Control & Embedded Instrumentation, VLSI System Design & Verification (AXIOM), Wireless Embedded System, IT Management
- Master of Computer Applications
- MArch Advance Design
- MSc (Medical) Anatomy, Biochemistry, Medical Biotechnology, Microbiology, Molecular Biology & Human Genetics, Pharmacology, Physiology, Radiation Physics, Regenerative Medicine
- MSc Dietetics & Applied Nutrition
- MSc Clinical Embryology
- MSc Yoga Therapy
- MSc HHIA
- MSc Biostatistics
- MSc Bioinformatics
- MSc (Technical) Digital Design & Embedded Systems, Information Science
- MSc Hospitality & Tourism Management
- MSc Photonics
- Master of Public Health
- MSc Physics Condensed Matter Physics, Opto-electronics
- MSc Mathematics Applied Mathematics & Computing
- MSc Chemistry Organic Chemistry
- MS Geopolitics & International Relations
- Masters in European Studies & Management

# MD, MS, PG Diploma, MDS, PG Diploma course in Dental Materials

#### MD, MS, MDS 3 years

(The duration of MD and MS courses is 2 years for those with a 2 years recognized diploma in the same speciality). The duration of all PG diploma courses is 2 years.

# PG DIPLOMA COURSE IN DENTAL MATERIALS 2 years divided into 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. 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/sister, uncle, aunt, brother/sister-in-law or any other person will not be accepted.

**QUALIFICATIONS:** Pass in MBBS/BDS or equivalent degree recognized by Medical/Dental Council of India.

**INTERNSHIP:** Candidates completing their compulsory rotating internship on or before 30.04.10 are eligible.

Candidates completing internship after 30.04.10 are not eligible for admission in this academic year.

**REGISTRATION:** Candidates should have obtained permanent registration with Medical Council or Dental Council of India or any of the State Medical/Dental Council or should obtain the same within one month from the date of admission.

#### ADMISSIONS

**GENERAL/FOREIGN/NRI CATEGORY:** Admissions are made on the basis of rank obtained in an all India EPSI National Admission Test (ENAT 2010).

**GOVERNMENT CATEGORY:** A few medical seats in KMC, Manipal & Mangalore are reserved for candidates selected and sponsored by Directorate of Medical Education, Government of Karnataka, Bangalore.

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 Medical/Dental Council of India to obtain a temporary registration for the duration of the postgraduate training. Such candidates must be registered as Medical/ Dental practitioners in the country from which they have obtained their basic Medical/Dental qualification. Also, their degrees must be recognized by the corresponding Medical/ Dental Council or by any other equivalent authority.

#### ENAT 2010

**TEST PATTERN:** There will be one question paper of 200 Multiple Choice Questions (MCQ) of the objective type. The approximate distribution of questions is given below. The test will be of 2 hours duration and carries 600 marks.

**MD**, **MS**, **PG MEDICAL DIPLOMA**: Medicine including Paediatrics, Genetics, Dermatology & Venereology etc. (40), Surgery including Orthopaedics, Trauma and Anaesthesiology (30), Obstetrics & Gynaecology (20), Community Medicine (20), Physiology (14), Pharmacology (14), Pathology (14), Anatomy (10), Otorhinolaryngology (10), Ophthalmology (10), Biochemistry (6), Microbiology (6), Forensic Medicine(6).

MDS, PG DIPLOMA COURSE IN DENTAL MATERIALS: Pedodontics (16), Orthodontics (16), Periodontics (16), Oral Medicine & Radiology (16), Prosthodontics (16), Conservative Dentistry (16), Oral Surgery (16), Community Dentistry (16), Human Anatomy (8), Human Physiology including Biochemistry (8), Dental Materials (8), Pharmacology (8), General Pathology & Microbiology (8), Oral Anatomy (8), General Medicine (8), General Surgery (8), Oral Pathology (8).

#### **ENAT CENTRES**

Ahmedabad, Bangalore, Bhopal, Chandigarh, Chennai, Coimbatore, Delhi, Ernakulam, Hyderabad, Jaipur, Kolkata, Lucknow, Manipal, Mangalore, Mumbai, Pune.

#### SCHEDULE

The ENAT will be held between 17.02.10 and 26.02.10. The

candidates can select the test schedule of their choice.

Candidates are required to go through Section 05 for details on ENAT schedule booking procedure, e-hall ticket and ENAT guidelines.

#### **MERIT LIST**

Based on the marks obtained in ENAT 2010, Manipal University will declare a list of candidates in the order of merit separately for Foreign/NRI and General category. Merit list will be displayed on or before 28.02.10 in the website.

#### **ADDITIONAL MARKS**

All candidates possessing a 2 years postgraduate diploma from a recognized university will be given 5% additional marks and ranked in the merit list. Such candidates will be considered for admission/waitlisting for only the course in which they possess the PG Diploma. They will also be given a rank without the benefit of 5% additional marks, against which they will be considered for admission/ waitlisting for any other course available during their turn in the counselling.

#### Candidates with PG Diploma must enclose an attested copy of the certificate along with the FORM, without which the additional marks will not be awarded.

#### COUNSELLING

Candidates are required to go through Section 06 for details on counselling procedure, documents to be submitted etc. and Section 07 for details on fees and hostels.

#### **CLASSES**

 MD/MS/PG Diploma/MDS/PG Diploma course in Dental Materials – 03.05.10

### **Important Note**

• Candidates are required to send the following on or before 31.01.10:

General/Foreign category: FORM + DD/Challan for Rs.1000 + PG diploma certificate, if any.

- NRI category: FORM + DD/Challan for Rs.1000 + PG diploma certificate, if any + Photocopy of Notary affidavit by the sponsoring relative from the country of residence in the format given in page 67.
- The DD should be drawn on 'Manipal University' payable at Manipal or Udupi.

# MPT, MOT, MASLP, MSc MLT, MSc MIT, MSc NMT, MSc OPT, MRT, MSc CVT, MPharm, MSc in Advanced Pharmaceutical Sciences, PharmD Post Baccalaureate, MSc Nursing

#### MASTER OF PHYSIOTHERAPY (MPT) 2 years

MASTER OF OCCUPATIONAL THERAPY (MOT) 2 years

MASTER OF AUDIOLOGY AND SPEECH LANGUAGE PATHOLOGY (MASLP) 2 years

MSc MEDICAL LABORATORY TECHNOLOGY (MSc MLT) 2 years

MSc MEDICAL IMAGING TECHNOLOGY (MSc MIT) 2 years

MSc NUCLEAR MEDICINE TECHNOLOGY (MSc NMT) 2 years

MSc OPTOMETRY (MSc OPT) 2 years

MASTER OF RESPIRATORY THERAPY (MRT) 2 years

MSc CARDIOVASCULAR TECHNOLOGY (MSc CVT) 2 years

MASTER OF PHARMACY (MPharm) 2 years

MSc ADVANCED PHARMACEUTICAL SCIENCES 2 years

DOCTOR OF PHARMACY (PharmD) POST BACCALAUREATE 2 years plus 1 year of internship

#### MSc NURSING 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.

**QUALIFICATIONS:** Pass in the following from a recognized University with minimum of 50% marks in aggregate:

- BPT for those seeking admission to **MPT** course
- BOT/BScOT/BOTh for those seeking admission to MOT course

- BSLH/BASLP for those seeking admission to MASLP course
- BSc MLT/BMLT for those seeking admission to MSc MLT course
- BSc MIT for those seeking admission to MSc MIT course
- BSc NMT (+DNMT) or DMRIT (Diploma in Medical Radio Isotopes Technology) or PG Diploma in NMT or BSc MIT or BSc with Mathematics, Physics and Biology for those seeking admission to MSc NMT course
- BSc OPT for those seeking admission to MSc OPT course
- BSc RT for those seeking admission to MRT course
- BSc CVT for those seeking admission to **MSc CVT** course
- BPharm from an institution approved by the Pharmacy Council of India for those seeking admission to MPharm/ MSc in Advanced Pharmaceutical Sciences/ PharmD Post Baccalaureate courses
- BSc/PC BSc Nursing recognized by Indian Nursing Council for those seeking admission to **MSc Nursing** course

**EXPERIENCE:** MSc Nursing applicants must have 1 year of experience as on 31.07.10 after BSc Nursing in a hospital of atleast 100 beds or in a community health programme or in a school or college of nursing. PC BSc degree holders need not have 1 year experience after getting the degree and must have completed their **PC BSc** on or before 31.05.10.

**INTERNSHIP:** Completed or completing their compulsory internship on or before 15.08.10 for MPT/MOT/MASLP/MSc MLT/MSc MIT/MSc OPT/MRT/MSc CVT courses.

#### ADMISSIONS

**GENERAL CATEGORY:** Admissions for MSc MIT, MSc NMT and MSc CVT are made on the basis of marks obtained at the qualifying examination and there is no entrance test. For all other courses, the admissions are on the basis of rank obtained in an all India EPSI National Admission Test (ENAT 2010).

FOREIGN/NRI CATEGORY: Admissions are made on the basis

of marks obtained at the qualifying examination.

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.

#### ENAT 2010

**TEST PATTERN FOR MPT:** The test duration is 2 hours and consists of 200 Multiple Choice Questions (MCQ) of the objective type. The approximate distribution of questions is given below:

Physiotherapy in Community Health (10), Electrodiagnosis (05), Ergonomics and Biomechanics (25), Exercise Physiology (05), Kinesiotherapeutics (25), Physiotherapy in Neurology (30), Physiotherapy in Cardio pulmonary (30), Physiotherapy in Orthopaedics (30), Electrotherapy (20), Anatomy (10), Physiology (10).

**TEST PATTERN FOR MOT:** The test duration is 2 hours and consists of 200 Multiple Choice Questions (MCQ) of the objective type. The approximate distribution of questions is given below:

History/Terminologies/Definition (10), Frames of References (10), Evaluation Tools & Techniques (20), Biomechanics / Kinesiology/ Bioengineering (20), Anatomy/Physiology (20), Splints/Assistive Devices (10), Work/Therapeutic Activities (10), Occupational Therapy in Musculo-Skeletal Conditions (25), Occupational Therapy in Mental Health (25), Occupational Therapy in Paediatrics (25), Occupational Therapy in Neurosciences (25).

**TEST PATTERN FOR MASLP:** The test duration is 2 hours and consists of 2 sections, section I involves 150 Multiple Choice Questions related to Speech and Hearing and section II includes 50 multiple choice questions related to Allied Health subjects. The approximate distribution of questions is given below:

**SECTION I:** Fluency (15), Articulation (15), Voice (15), Childhood Communication Disorder (15), Neurogenic Language Disorders (15), Neurogenic Speech Disorders (15), Diagnostic Audiology (15), Paediatric Audiology (10), Rehabilitative Audiology (07), Educational Audiology (08), Hearing Aids (15), Noise (05).

**SECTION II:** Anatomy (10), Physiology (05), Psychology (05), Electronics (05), Acoustics (05), Statistics & Research Methodology (05), ENT (05), Linguistics & Phonetics (10).

**TEST PATTERN FOR MSc MLT:** The test duration is 2 hours and consists of 200 Multiple Choice Questions (MCQ) of the objective type. The approximate distribution of questions is given below:

Clinical Biochemistry (50), Transfusion & Blood Bank Procedure (30), Clinical Pathology and Haematology (45), Microbiology (45), Biochemistry (20), Anatomy (05), Physiology (05).

**TEST PATTERN FOR MSc OPT:** The test duration is 2 hours and consists of 200 Multiple Choice Questions (MCQ) of the objective type. The approximate distribution of questions is given below:

Contact lenses (30), Low Vision Aids (10), Squint and Binocular Vision (15), Paediatric and Geriatric Optometry (10), Visual Optics (25), Optometric and Dispensing Optics (25), Optometric Instruments and Clinical Examination (30), Ocular Diseases (25), Basic Sciences (20), Occupational and Community Optometry (10).

**TEST PATTERN FOR MRT:** The test duration is 2 hours and consists of 200 Multiple Choice Questions (MCQ) of the objective type. The approximate distribution of questions is given below:

Respiratory Therapy Science (50), Applied Cardiopulmonary Anatomy and Physiology (40), Cardiopulmonary Intensive Care including Advanced Cardiac Life Support (40), Diagnostic Techniques (30), Respiratory Disease Process (20), Neonatal Respiratory Care (15), Pulmonary Rehabilitation (05).

**TEST PATTERN FOR MPharm/ MSc Advanced Pharmaceutical Sciences/ PharmD Post Baccalaureate:** The test duration is 2 hours and consists of 200 Multiple Choice Questions (MCQ) of the objective type. The approximate distribution of questions is given below:

Pharmaceutical Analysis (25), Pharmaceutical Chemistry (25), Pharmacology (25), Pharmacy Practice (25), Pharmacognosy (25), Pharmaceutics (25), Pharmaceutical Marketing, Management & Jurisprudence (25), Biochemistry, Pathology, Physiology, Microbiology and Biotechnology (25).

**TEST PATTERN FOR MSc NURSING:** The test duration is 2 hours and consists of 200 Multiple Choice Questions, covering the subjects of BSc Nursing.

#### **ENAT CENTRES**

Ahmedabad, Bangalore, Bhopal, Chandigarh, Chennai, Coimbatore, Delhi, Ernakulam, Hyderabad, Jaipur, Jamshedpur Kolkata, Lucknow, Manipal, Mangalore, Mumbai, Pune.

#### SCHEDULE

The ENAT will be held between 22.05.10 and 10.06.10. The candidates can select the test schedule of their choice.

<u>NOTE:</u> The ENAT for MPharm & PharmD Post Baccalaureate course will be held between 28.05.10 and 10.06.10 only.

Candidates are required to go through Section 05 for details on ENAT schedule booking procedure, e-hall ticket and ENAT guidelines.

#### **MERIT LIST**

**GENERAL CATEGORY:** Based on the marks obtained at the qualifying examination, Manipal University will declare a merit list for MSc MIT, MSc NMT and MSc CVT courses. For all other courses, merit list will be based on ENAT 2010.

MSc MIT, MSc NMT & MSc CVT applicants are required to send the attested copies of marks cards of each semester/ year along with the FORM.

All the above merit list will be displayed on or before 16.06.10 in website.

**FOREIGN/NRI CATEGORY:** A separate merit list of the applicants under the Foreign/NRI category will be prepared based on marks obtained in the qualifying examination and those selected for admission will be informed separately.

#### COUNSELLING

Candidates are required to go through Section 06 for details on counselling procedure, documents to be submitted etc. and Section 07 for details on fees and hostels.

#### CLASSES

- MPharm, MSc in Advanced Pharmaceutical Sciences, PharmD Post Baccalaureate - 05.08.10
- MSc Nursing 02.08.10
- MPT, MOT, MASLP, MSc MLT, MSc MIT, MSc NMT, MSc OPT, MRT, MSc CVT - 16.08.10

### **Important Note**

• Candidates are required to send the following on or before 30.03.10:

General category: FORM + DD/Challan for Rs.1000.

**NRI category:** FORM + Attested photocopies of marks cards of all attempts for each semester/year of qualifying examination + Photocopy of Notary affidavit by the sponsoring relative from the country of residence in the format given in page 67

Foreign category: FORM + Attested photocopies of marks cards of all attempts for each semester/year of qualifying examination.

• The DD should be drawn on 'Manipal University' payable at Manipal or Udupi.

# MS Communication, Master of Computer Applications, PG Diploma in Corporate Communication

#### MS COMMUNICATION (MS COM) 2 years

MASTER OF COMPUTER APPLICATIONS (MCA) 3 years divided into 6 semesters

PG DIPLOMA IN CORPORATE COMMUNICATION (PG DCC) 1 year divided into 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.

**QUALIFICATIONS: MS COM/PG DCC:** The candidate must have a bachelor's degree in any discipline from a recognized university. They should have secured not less than 50% marks in aggregate.

MCA- The candidate must have a bachelor's degree in any discipline from a recognized university. In addition, candidates must have studied Mathematics/Statistics/Computer Science as one of those subject in 10+2 (PUC) level or Mathematics/ Statistics in Bachelor's degree. They should have secured not less than 50% marks in aggregate. Candidates who have obtained their bachelor's degree through Distance Learning mode, must have atleast 3 years work experience in the related field after obtaining Bachelor's degree.

#### **ADMISSIONS**

**GENERAL CATEGORY:** Admissions will be made on the basis of rank obtained in an all India EPSI National Admission Test (ENAT 2010). For MS COM and PG DCC courses admission will be based on the marks secured in ENAT 2010, Group discussion and interview.

**FOREIGN/NRI CATEGORY:** Admissions are made on the basis of marks obtained at the qualifying examination.

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.

#### ENAT 2010

**TEST PATTERN - MS COM/PG DCC:** The test duration is of 2 hours and consists of 120 multiple choice questions (MCQ) of the objective type.

The test includes questions on reading comprehension, verbal ability (spotting errors, sentence improvement, vocabulary etc.), quantitative & numerical ability (arithmetic, algebra, geometry, data interpretation etc.) and reasoning & general intelligence (analytical reasoning, logical reasoning, general intelligence etc.). There could also be a few questions on the latest trends and developments in the media, social and economic areas.

**TEST PATTERN FOR MCA**: The test duration is of 1.30 hours and consists of 100 multiple choice questions (MCQ) of objective type. The subjects and approximate distribution of questions is as follows: Mental Ability (25), Basic Mathematics (10), General English (25) and Computer Aptitude (40).

#### **ENAT CENTRES**

Ahmedabad, Bangalore, Bhopal, Chandigarh, Chennai, Coimbatore, Delhi, Ernakulam, Hyderabad, Jaipur, Kolkata, Kota, Lucknow, Manipal, Mangalore, Mumbai, Pune

#### SCHEDULE

The ENAT will be held on 07.06.10 for PG DCC and MS COM and 08.06.10 for MCA Course.

Candidates are required to go through Section 05 for details on ENAT schedule booking procedure, e-hall ticket and ENAT guidelines.

#### **GD & INTERVIEW**

MS COM/PG DCC: Based on the marks scored in ENAT 2010, Manipal University will declare a shortlist of candidates eligible for GD & Interview. Successful candidates selected for GD & Interview will be announced in the website on 15.06.10. The number of candidates included in the shortlist will be more than the total number of seats available. Mere inclusion in the shortlist does not guarantee admission.

Candidates called for GD & Interview must bring all the original certificates and Hall Ticket.

The GD & Interview will be held in Manipal on 06.07.10 and 07.07.10. The exact schedule will be displayed in the website.

#### **MERIT LIST**

**GENERAL CATEGORY:** Based on the marks obtained in ENAT 2010, GD & Interview, a merit list will be announced after the GD & Interview in the website.

For MCA merit list will be based on the marks obtained in ENAT 2010 which will be displayed on 15.06.10.

**FOREIGN/NRI CATEGORY:** A separate merit list of the applicants under the Foreign/NRI category will be prepared based on marks obtained in the qualifying examination and those selected for admission will be informed separately.

#### COUNSELLING

Candidates are required to go through Section 06 for details on counselling procedure, documents to be submitted etc. and Section 07 for details on fees and hostels.

#### CLASSES

- MS Communication, PG DCC 26.07.10
- MCA 09.08.10

### **Important Note**

- Candidates are required to send the following on or before 15.05.10
- General category: FORM + DD/Challan for Rs.1000 drawn on 'Manipal University' payable at Manipal or Udupi.
- NRI category: FORM + Attested photocopies of marks cards of all attempts for each semester/year of qualifying examination + Photocopy of Notary affidavit by the sponsoring relative from the country of residence in the format given in page 67.
- Foreign category: FORM + Attested photocopies of marks cards of all attempts for each semester/year of qualifying examination.

#### At Manipal Radio 90.4 FM, a radio station run and broadcasted by the students of MIC.



# MBA, MSW, MBA (PART TIME)

### MASTER OF BUSINESS ADMINISTRATION (MBA)

2 years

MASTER OF SOCIAL WORK (MSW) 2 years

#### MBA (PART TIME) 3 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.

**QUALIFICATIONS:** The candidate must have a bachelor's degree in any discipline from a recognized university. They should have secured not less than 50% marks in aggregate.

#### **ADMISSIONS**

**GENERAL CATEGORY:** MBA – All candidates are required to write any of the All India Management Tests like MAT, GMAT, CAT, XAT etc. Based on the marks scored in Management Test, candidates will be shortlisted to attend Group Discussion and Personal Interview at Manipal. Final selection will be based on the marks secured in Management Test, Group Discussion and Interview.

MSW – Admissions will be made on the basis of merit in an all India Entrance Test conducted by Manipal University on 19.06.10 at Manipal. Based on the marks scored in entrance test, candidates will be shortlisted to attend group discussion and interview. Final selection will be based on the marks secured in entrance test, group discussion and interview.

MBA Evening (Part Time) Program – Admissions will be on the basis of marks obtained in the qualifying examination, GD & Interview.

**FOREIGN/NRI CATEGORY:** Admissions are made on the basis of marks obtained at the qualifying examination.

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.

#### SHORTLIST

Based on the Test score, Manipal University will declare a shortlist of applicants eligible for Group Discussion and

Personal Interview. Shortlist will be displayed on 05.06.10 for MBA and 19.06.10 for MSW in the website.

The number of shortlisted candidates is more than the total number of seats available. Mere inclusion in the shortlist does not guarantee the admission.

Candidates who do not submit the photocopy of their management test score card along with the FORM will not be considered for the MBA short list.

#### **GD & INTERVIEW**

All the shortlisted candidates will be called for group discussion and interview to be held in Manipal in June for MBA and immediately after the shortlist for MSW. The exact schedule for GD & Interview for MBA will be announced in the website sufficiently in advance.

Candidates called for GD & Interview must bring all the original certificates. MBA applicants must bring the original and a photocopy of their test score card.

Successful candidates selected for MBA (Part Time) will be informed individually.

#### **MERIT LIST**

**GENERAL CATEGORY:** Based on the marks scored in Entrance Test, GD & Interview, a merit list will be announced after the GD & Interview in the website.

**FOREIGN/NRI CATEGORY:** A separate merit list of the applicants under the Foreign/NRI category will be prepared based on marks obtained in the qualifying examination and those selected for admission will be informed separately.

#### COUNSELLING

Candidates are required to go through Section 06 for details on counselling procedure, documents to be submitted etc. and Section 07 for details on fees and hostels.

# Laptop computers will be given to all students admitted to MBA course.

CLASSES

- MBA, MBA (Part Time) 21.07.10
- MSW 02.08.10

### **Important Note**

• Candidates are required to send the following on or before 30.05.10 for MBA, MBA (Part Time) and 15.06.10 for MSW:

**General category:** FORM + Attested photocopies of marks cards of all attempts for each semester/year of qualifying examination + Attested Photocopy of Management Test score card (for MBA applicants only).

**NRI category:** FORM + Attested photocopies of marks cards of all attempts for each semester/year of qualifying examination + Photocopy of Notary affidavit by the sponsoring relative from the country of residence in the format given in page 67.

Foreign category: FORM + Attested photocopies of marks cards of all attempts for each semester/year of qualifying examination.

#### **Excellence in Sports**



# Integrated MBA

#### **BE-MBA** 3 years

**BHM-MBA** 3 years

#### **BPharm-MBA** 3 years

The course is open only to those who are already studying BE, BHM and BPharm courses under Manipal University.

The admissions will be made in the third year of their BE, BHM or BPharm courses. Only those who pass all the subjects upto

the second year with an aggregate of 50% marks are eligible to apply.

#### **ADMISSIONS**

Admissions are made on the basis of the marks scored upto the second year of BE, BHM or BPharm, Group Discussion and Interview.

# MTech Software Engineering – Dual Degree

- Dual degree MTech in Software Engineering by Manipal University and MSc in Computer Science & Engineering by Technical University, Eindhoven, The Netherlands
- 1 year study at MIT, Manipal & 1 year study in The Netherlands
- 100% Freeship for the entire course sponsored by top IT MNCs in the field
- 3 years work contract with the sponsoring industry

#### **ELIGIBILITY**

The candidate must have secured 60% or CGPA of 7.5 in 10 point system or 2.8 in 4 point system of evaluation in BE Computer Science & Engg. or Information Technology or Information Science & Engg.

#### ADMISSIONS

Admissions will be made on the basis of rank obtained in an all India EPSI National Admission test (ENAT 2010) and interview.

**TEST PATTERN:** There will be one question paper of multiple choice questions of the objective type. The test will be of 2 hours duration and contains 120 questions. The subjects and the approximate distribution of questions is as follows: C Programming and Object Oriented Programming, Data structures, Algorithms, Theory of computations, Database Management Systems, Operating Systems, Computer Networks, System Software, Software Engineering.

#### **ENAT CENTRES**

Bangalore, Chennai, Delhi, Kolkata, Manipal, Mumbai

#### SCHEDULE

The ENAT will be held on 07.06.10. The candidates can select the test centre of their choice.

Candidates are required to go through Section 05 for details on ENAT schedule booking procedure, e-hall ticket and ENAT guidelines.

#### SHORTLIST

Based on merit in ENAT 2010, Manipal University will declare a shortlist on 10.06.10.

#### **INTERVIEW**

Short listed candidates should attend the interview on 25.06.10. These candidates will be informed separately.

#### **MERIT LIST**

The list of candidates provisionally selected for admission will be displayed on the notice board of Manipal University on 26.06.10.

#### COUNSELLING

Candidates are required to go through Section 06 for details on counselling procedure, documents to be submitted etc. and Section 07 for details on fees and hostels.

#### CLASSES

MTech Software Engineering - 02.08.10

### **Important Note**

- Candidates are required to send the FORM + DD/Challan for Rs.1000 + Attested photocopies of marks cards of all attempts for each semester/year of qualifying examination on or before 30.03.10.
- The DD should be drawn on 'Manipal University' payable at Manipal or Udupi.

# MTech, MS, MArch, PG Certificate in Advance Architectural Design

MTech - Astronomy & Space Engineering, Bio- medical Engineering, Chemical Engineering, Computer Aided Mechanical Design and Analysis, **Computer Science & Engineering, Construction** Engineering & Management, Control Systems, Digital Electronics & Advanced Communication, Energy Management, Auditing & Lighting, Engineering Management, Environmental Engineering, Geoinformatics, Industrial Biotechnology, Manufacturing Engineering & Technology, Micro Electronics, Network Nuclear Engineering, Power Engineering, Electronic Systems & Control, Printing & Media Technology, Structural Engineering 2 years divided into 4 semesters

#### **MTECH Printing & Media Technology**

DUAL DEGREE 2 years divided into 4 semesters

- Dual degree Printing & Media Technology by Manipal University and Media Production by Chemnitz University of Technology, Chemnitz, Germany
- 1 year study at MIT, Manipal & 1 year study in Chemnitz

MS - Medical Software, VLSI CAD, Embedded Systems, VLSI System Design & Verification (AXIOM), Wireless Embedded System, IT Management 2 years divided into 4 semesters

MS Dual Degree Embedded Systems & Instrumentation, Control & Embedded Instrumentation 2 years divided into 4 semesters

• Dual degree - MS in Embedded Systems & Instrumentation by Manipal University and MSc in Control & Embedded Instrumentation by ESIGELEC France

- 1st semester in Manipal, 2nd semester in France
- 3rd & 4th semester in Manipal or France

MASTER OF ARCHITECTURE - ADVANCE DESIGN (MArch) 2 years divided into 4 semesters

PG CERTIFICATE IN ADVANCE ARCHITECTURAL DESIGN (PG CAAD) 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.

**QUALIFICATIONS:** MTech - The candidates must have passed the following courses with a minimum of 50% marks in aggregate:

ASTRONOMY & SPACE ENGINEERING: BE/BTech or AMIE in Electrical Sciences- Electrical/ Electronics/ Instrumentation.

MSc degree in Mathematics/ Physics/ Electronics

**BIO-MEDICAL ENGINEERING:** BE/BTech or AMIE or equivalent in Bio-medical or Medical Electronics or Electrical & Electronics or Electronics & Communication or Electronics & Telecommunication or Instrumentation Engineering.

CHEMICAL ENGINEERING: BE/BTech or AMIE in Chemical Engineering/Bio-ChemicalEngineering/PetroleumEngineering/ Environmental Engineering/Bio Process Engineering/Bio Technology/PharmaceuticalTechnology

**COMPUTER AIDED MECHANICAL DESIGN & ANALYSIS:** BE/ BTech or AMIE or equivalent in Mechanical or Industrial & Production or Manufacturing Science or Automobile Engineering.

**COMPUTER SCIENCE AND ENGINEERING:** BE/BTech or AMIE or equivalent in Computer Science or Electronics & Communication or Electrical & Electronics or Electronics & Telecommunication or Telecommunication Engineering or Instrumentation Engineering or Information Technology.

**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.

MSc degree in Mathematics or Physics or Electronics.

DIGITAL ELECTRONICS AND ADVANCED COMMUNICATIONS: BE/BTech or AMIE or equivalent in Electronics & Communication/Electrical & Electronics/Electronics & Instrumentation/Telecommunication Engineering/ Information Technology. **ENERGY MANAGEMENT, AUDITING & LIGHTING:** 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/ Mechanical/ Metallurgy/ Mining/ Environmental/ Bio-Chemical Engineering/ Bio- Technology

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

**GEOINFORMATICS** - BE/BTech or AMIE or equivalent in Civil Engineering or Remote Sensing Engineering.

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

MANUFACTURING ENGINEERING & TECHNOLOGY: BE/BTech or AMIE or equivalent in Mechanical or Manufacturing or Industrial & Production or Automobile Engineering or Production Engineering or Material & Metallurgy.

**NETWORK ENGINEERING:** BE/BTech or AMIE or equivalent in Computer Science or Electronics & Communication or Electrical & Electronics or Information Technology.

Master of Computer Applications, they may have to take a bridge course in Engineering, if necessary.

**NUCLEAR ENGINEERING:** BE/BTech or AMIE or equivalent in Mechanical Engineering or Civil Engineering or Chemical Engineering.

**POWER ELECTRONIC SYSTEMS & CONTROL:** 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 discipline.

**STRUCTURAL ENGINEERING:** BE/BTech or AMIE or equivalent in Civil Engineering.

**PRINTING & MEDIA TECHNOLOGY:** DUAL DEGREE - BE/BTech or AMIE in any branch of Engineering

**MS IT MANAGEMENT:** BE/BTech or AMIE or equivalent in any discipline.

MS MEDICAL SOFTWARE/VLSI CAD/EMBEDDED SYSTEMS: Indian nationals with a pass and a minimum of 50% aggregate in BE/BTech in Computer Science or Information Science or Electrical & Electronics or Electronics & Communication or Instrumentation Technology or Bio-medical or Medical Electronics.

MS VLSI SYSTEM DESIGN & VERIFICATION (AXIOM) & MS DUAL DEGREE EMBEDDED SYSTEMS & INSTRUMENTATION, CONTROL & EMBEDDED INSTRUMENTATION: BE/ B.Tech in Electronics & Communication, Electrical & Electronics, Telecommunication, Computer Science or any other relevant branches in Engineering.

<u>NOTE:</u> Manipal University in association with AXIOM Design Automation, Bangalore (One of the leading EDA Solution provider) offers MS in VLSI SYSTEM DESIGN & VERIFICATION, a project based learning course. Students will work with industry AXIOM, i.e, latest cutting edge technologies in both 1st and 2nd semester which are direct supervision of domain experts from AXIOM and from Manipal University. Semester 3 and 4 would involve internship/project work which would be carried out in AXIOM/University/R & D organization.

MS WIRELESS EMBEDDED SYSTEMS: BE/BTech or AMIE in any branch of Engineering

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

#### ADMISSIONS

GENERAL CATEGORY: Admissions for MTech courses in Computer Science & Engineering, Digital Electronics & Advanced Communication, Microelectronics and MS - Medical Software, VLSI CAD, Embedded Systems, VLSI System Design & Verification, Dual Degree Embedded Systems & Instrumentation, Control & Embedded Instrumentation and Wireless Embedded Systems will be made on the basis of merit in an all India EPSI National Admission Test (ENAT 2010). For all other courses, the admissions are made on the basis of marks obtained at the qualifying examination and there is no entrance test.

**FOREIGN/NRI CATEGORY:** Admissions are made on the basis of marks obtained at the qualifying examination.

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.

#### ENAT 2010

**TEST PATTERN** - There will be one question paper of multiple choice questions of the objective type. The test will be of 2 hours duration and contains 120 questions. The subjects and the approximate distribution of questions is given below:

MTech - COMPUTER SCIENCE & ENGINEERING, DIGITAL ELECTRONICS & ADVANCED COMMUNICATION, MICROELECTRONICS AND MS - MEDICAL SOFTWARE, VLSI CAD, EMBEDDED SYSTEMS, VLSI SYSTEM DESIGN & VERIFICATION, DUAL DEGREE EMBEDDED SYSTEMS & INSTRUMENTATION, CONTROL & EMBEDDED INSTRUMENTATION, WIRELESS EMBEDDED SYSTEMS - There will be 20 questions from each of the following 06 subjects:

MATHEMATICS: Matrices: Rank, eigen vectors, eigen values of a matrix. Differential Equations: Solutions of ordinary first order & higher order differential equations, classifications of partial differential equations. Complex Variables: Analytic functions, C-R equations, harmonic functions, Line integral of complex functions. Laplace Transforms: Laplace transforms and inverse laplace transforms, shift theorems, unit step function, Laplace transform of derivatives. Numerical Analysis: Finite differences, interpolation, numerical integration. Probability: Sample space, events, axioms of probability, theorems on probability, conditional probability, independent events, mutually exclusive events.

**ELECTRIC CIRCUITS:** Nodal and mesh analysis, transient response of DC and AC networks, sinusoidal steady state analysis of single and three phase circuits, coupled circuits, resonance in electric circuits, network theorems, two-port networks, Fourier series, state space representation of networks. Simple diode circuits, BJT and FET Amplifiers - analysis, equivalent circuit and frequency response, oscillators, simple op-amp circuits.

**ELECTRONICS AND INSTRUMENTATION:** Amplifiers: RC coupled, DC amplifiers, feedback amplifiers, power amplifiers, oscillators. Multivibrators: both discrete and op-amp based. Waveform generators, wave shaping circuits, integrators, differentiators, operational amplifiers. Transducers, bio-electrodes, instrumentation amplifiers, carrier type amplifiers, A/D and D/A converters.

**COMMUNICATION SYSTEMS AND DIGITAL SYSTEMS:** Probability, random variables and random processes. Modulation techniques: Analogue modulation - AM, FM, PM; Digital modulation - PSK, FSK, PCM, DM, ADM; Information theory, coding - block codes, convolution codes, noise and SNR calculation, antenna basics, basics of EM waves, Logic design: Number systems, combinational and sequential circuits, basics of microprocessor and memories.

**C PROGRAMMING AND DATA STRUCTURES:** Flow control, repetition, functions, arrays, files, structures, pointers, unions, stacks, queues, lists, hashing, strings, sorting and searching, trees, graphs, heaps and priority queues.

**OBJECT ORIENTED SYSTEMS:** Objects and their properties, implementation of classes: inheritance and polymorphism, identifying objects in an application, modelling systems with objects, object relationships and associations, aggregation and object containment, the unified approach - OOA, OOD, OOP, testing, verification and validation.

#### **ENAT CENTRES**

Ahmedabad, Bangalore, Bhopal, Chandigarh, Chennai, Coimbatore, Delhi, Ernakulam, Hyderabad, Jaipur, Jamshedpur, Kolkata, Lucknow, Manipal, Mangalore, Mumbai, Pune

#### SCHEDULE

The ENAT will be held between 22.05.10 and 31.05.10. The candidates can select the test schedule of their choice.

Candidates are required to go through Section 05 for details on ENAT schedule booking procedure, e-hall ticket and ENAT guidelines.

#### **MERIT LIST**

**GENERAL CATEGORY:** Based on the marks obtained in ENAT 2010, Manipal University will declare a common merit list which will be displayed on or before 05.06.10 in the website.

<u>NOTE:</u> All candidates possessing a valid GATE score will be given 10% additional marks and ranked in the merit list.

#### Candidates with GATE score must enclose the photocopy of their GATE score card along with the FORM, without which the additional marks will not be awarded.

For courses without entrance test, Manipal University will declare a separate merit list based on the marks obtained at the qualifying examination which will be displayed on or before 15.07.10 in the website.

**FOREIGN/NRI CATEGORY:** A separate merit list of the applicants under the Foreign/NRI category will be prepared based on marks obtained in the qualifying examination and those selected for admission will be informed separately.

#### COUNSELLING

Candidates are required to go through Section 06 for details on counseling procedure, documents to be submitted etc. and Section 07 for details on fees and hostels.

#### **CLASSES**

- MTech, MS 02.08.10
- MArch, PG CAAD 09.08.10

### **Important Note**

- Candidates can apply for more than one course within the group using the same application form.
- Candidates are required to send the following on or before 01.06.10 for MTech (without ET), MArch, MS Printing & Media Technology Dual Degree and PG CAAD courses and 30.03.10 for other courses:

**General category:** FORM + DD/Challan for Rs.1000 (for ENAT applicants only) + GATE score card, if any + Attested photocopies of marks cards of all attempts for each semester/year of qualifying examination.

**NRI category:** FORM + Attested photocopies of marks cards of all attempts for each semester/year of qualifying examination + Photocopy of Notary affidavit by the sponsoring relative from the country of residence in the format given in page 51.

**Foreign category:** FORM + Attested photocopies of marks cards of all attempts for each semester / year of qualifying examination.

• The DD should be drawn on 'Manipal University' payable at Manipal or Udupi.

# MSc Courses

MSc (MEDICAL): Anatomy, Physiology, Biochemistry, Microbiology, Pharmacology 3 years

MSc CLINICAL EMBRYOLOGY 3 years

MSc (MEDICAL): Biotechnology, Regenerative Medicine, Molecular Biology & Human Genetics, Radiation Physics, Yoga therapy and Hospital & Health Information Administration 2 years

MSc BIOSTATISTICS 2 years divided into 4 semesters

MSc BIOINFORMATICS 2 years

MSc DIETETICS & APPLIED NUTRITION 2 years

MSc (TECHNICAL) - Digital Design & Embedded Systems, Information Science 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.

#### **QUALIFICATIONS:**

MSc (Anatomy, Physiology, Biochemistry, Microbiology, Pharmacology, Molecular Biology & Human Genetics): 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 in Biochemistry.

**MSc REGENERATIVE MEDICINE:** 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 graduates from a recognized university.

MSc MEDICAL BIOTECHNOLOGY: Graduates with any Life Science degree from a recognized university will be considered.

**MSc MEDICAL RADIATION PHYSICS:** BSc graduates with Physics and Mathematics as a main subject will be considered for admission.

MSc CLINICAL EMBRYOLOGY: The candidates who have completed their BSc with Reproduction, Zoology, Microbiology, Biochemistry, Biotechnology, Bioscience or Physiology as one of the subjects are eligible.

MSc BIOSTATISTICS: The candidates must have passed BSc Statistics or BSc Mathematics with Statistics as a subsidiary subject.

MSc BIOINFORMATICS: The candidates must have completed graduation in Basic Science / Life Science / Pharmaceutical Science / Medicine / Computer Science / Biomedical Engineering / Electronics / Biotechnology & Other related Engineering Sciences.

MSc DIETETICS & APPLIED NUTRITION: The candidate must have a bachelor's degree from a recognized University in

Home Science or Nuitrition or BSc with Chemistry or Life Sciences or Microbiology or Biochemistry as the main subject in the degree examination.

**MSc YOGA THERAPY AND HHIA:** Graduates in any discipline are eligible.

**MSc TECHNICAL:** The candidate must have passed BSc Computer Science or Information Science or Electronics or Physics or Chemistry or Mathematics or BCA or BE.

MARKS: Candidates must have obtained not less than 50% (60% for MSc Clinical Embryology and Regenerative Medicine) marks in aggregate at the qualifying examination.

### **ADMISSIONS**

GENERAL CATEGORY: Admissions for MSc courses in Anatomy, Physiology, Biochemistry, Microbiology, Molecular Biology & Human Genetics, Pharmacology, Biotechnology, Regenerative Medicine and Clinical Embryology will be made on the basis of merit in an all India EPSI National Admission Test (ENAT 2010). For all other courses, the admissions are made on the basis of marks obtained at the qualifying examination and there is no entrance test.

**FOREIGN/NRI CATEGORY:** Admissions are made on the basis of marks obtained at the qualifying examination.

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.

### ENAT 2010

There are 2 groups under this test:

**GROUP I:** Applicable to MSc (Medical) - Anatomy, Physiology, Biochemistry, Microbiology, Pharmacology and Clinical Embryology courses

**TEST PATTERN:** The test duration is of 2 hours and consists of 3 sections. The approximate distribution of questions is as follows: Section 1 - Zoology (100), Section 2 - Botany (100), Section 3 - Chemistry (100). Candidates should answer any 2 of the above 3 sections. The question paper is of multiple choice questions (MCQ) of the objective type, covering the syllabus of BSc level followed by major Indian Universities.

**GROUP II**: Applicable to MSc (Medical) - Biotechnology, Molecular Biology & Human Genetics and Regenerative Medicine courses **TEST PATTERN:** The test duration is of 2 hours and consists of 200 multiple choice questions (MCQ) of the objective type, covering the syllabus of BSc level followed by major Indian Universities. The approximate distribution of questions is as follows: Physics (40), Chemistry (40), Botany (40), Zoology (40) and Biochemistry (40).

### **ENAT CENTRES**

Ahmedabad, Bangalore, Bhopal, Chandigarh, Chennai, Coimbatore, Delhi, Ernakulam, Hyderabad, Jaipur, Jamshedpur, Kolkata, Lucknow, Manipal, Mangalore, Mumbai, Pune

### **SCHEDULE**

The ENAT will be held on 14.06.10 and 15.06.10.

Candidates are required to go through Section 05 for details on ENAT schedule booking procedure, e-hall ticket and ENAT guidelines.

### **MERIT LIST**

**GENERAL CATEGORY:** Based on the marks obtained in ENAT 2010, Manipal University will declare a list of candidates in the order of merit. Merit list will be displayed on or before 17.06.10 in the website.

For all other courses, Manipal University will declare a separate merit list based on the marks obtained at the qualifying examination which will be displayed on or before 14.06.10 in the website.

**FOREIGN/NRI CATEGORY:** A separate merit list of the applicants under the Foreign/NRI category will be prepared based on marks obtained in the qualifying examination and those selected for admission will be informed separately.

### COUNSELLING

Candidates are required to go through Section 06 for details on counseling procedure, documents to be submitted etc. and Section 07 for details on fees and hostels.

### **CLASSES**

- MSc Technical 02.08.10
- MSc Biostatistics 09.08.10
- MSc Bioinformatics, MSc Dietetics & Applied Nutrition - 01.09.10
- MSc Medical, MSc Clinical Embryology 07.08.10
- MSc Medical Biotechnology, MSc Molecular Biology & Human Genetics - 01.09.10

### **Important Note**

• Candidates are required to send the following on or before 01.06.10 for MSc (without ET) and for MSc (with ET) 15.05.10:

**General category:** FORM + Attested photocopies of marks cards of all attempts for each semester/year of qualifying examination.

**NRI category:** FORM + Attested photocopies of marks cards of all attempts for each semester/year of qualifying examination + Photocopy of Notary affidavit by the sponsoring relative from the country of residence in the format given in page 67.

Foreign category: FORM + Attested photocopies of marks cards of all attempts for each semester/year of qualifying examination.

### NOTE for ENAT applicants only:

- · Candidates can apply for more than one course within the group using the same application form
- GROUP I: MSc (Medical) Anatomy, Physiology, Biochemistry, Microbiology, Pharmacology and Clinical Embryology
- GROUP II: MSc (Medical) Biotechnology, Molecular Biology & Human Genetics and Regenerative Medicine
- Candidates applying for any one of the groups are required to send the FORM + DD/Challan for Rs.1000 drawn on Manipal University' payable at Manipal or Udupi on or before 15.05.10
- Candidates applying for both GROUP I and GROUP II are required to send the FORM+DD/Challan for Rs.1000 drawn on 'Manipal University' payable at Manipal or Udupi on or before 15.05.10

# MSc Hospitality & Tourism Management, MSc Photonics, Master of Public Health

### MSc HOSPITALITY & TOURISM MANAGEMENT

(MSc HTM) 2 years divided into 4 semesters

### MSc PHOTONICS 2 years divided into 4 semesters

MASTER OF PUBLIC HEALTH (MPH) 2 years divided into 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.

**QUALIFICATIONS: MSc HTM** - The candidate must have completed BHM or BSc in Hospitality Management courses from a recognized University with a minimum of 50% marks in aggregate.

MSc PHOTONICS - The candidate must have passed BSc in Physics/Electronics / Applied Physics / Photonics or MSc in Physics / Applied Physics or BE in Electronics & Communication/ Electrical & Electronics / Material Science/Applied Physics. They should have secured not less than 50% marks in aggregate.

**MASTER OF PUBLIC HEALTH:** The candidate must be a graduate in Medicine, Dentistry, Nursing, Allied Health, Life Science from a recognized University with 60% marks in aggregate.

### ADMISSIONS

**GENERAL CATEGORY:** Admissions for MSc HTM will be made on the basis of merit in an all India entrance test conducted by Manipal University on 04.08.10 at Manipal.

For other courses, admissions are made on the basis of marks obtained at the qualifying exam and there is no entrance test.

**FOREIGN/NRI CATEGORY:** Admissions are made on the basis of marks obtained at the qualifying examination.

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**

**TEST PATTERN:** The test duration is of 2 hours and consists of 120 multiple choice questions (MCQ) of the objective type covering the subjects of BHM.

### HALL TICKET

The Hall Ticket will be despatched only by Certificate of Posting or Business Mail so as to reach the candidates by 20.07.10. In case the Hall Ticket is not received by the above date, the candidate should visit www.manipal.edu to obtain a Duplicate Hall Ticket.

### **MERIT LIST**

**GENERAL CATEGORY: MSc HTM** – Based on the marks obtained in all India entrance test, Manipal University will declare a list of candidates in the order of merit. Merit list will be displayed on 04.08.10 in the website.

MSc Photonics, Master of Public Health: Based on the marks

obtained in the qualifying examination, Manipal University will declare a list of candidates in the order of merit. Merit list for MSc Photonics will be displayed on or before 14.06.10 and for MPH on 06.08.10 in the website.

**FOREIGN/NRI CATEGORY:** A separate merit list of the applicants under the Foreign/NRI category will be prepared based on marks obtained in the qualifying examination and those selected for admission will be informed separately.

### COUNSELLING

Candidates are required to go through Section 06 for details on counselling procedure, documents to be submitted etc. and Section 07 for details on fees and hostels.

### CLASSES

- MSc HTM 16.08.10
- Master of Public Health 01.09.10
- MSc Photonics 09.08.10

### **Important Note**

• Candidates are required to send the following on or before 15.06.10 for MSc HTM and 01.06.10 for other courses:

General category: FORM + DD/Challan for Rs.1000 (for MSc HTM applicants only) + Attested photocopies of marks cards of all attempts for each semester/year of qualifying examination.

**NRI category:** FORM + Attested photocopies of marks cards of all attempts for each semester/year of qualifying examination + Photocopy of Notary affidavit by the sponsoring relative from the country of residence in the format given in page 67.

Foreign category: FORM + Attested photocopies of marks cards of all attempts for each semester/year of qualifying examination.

• The DD should be drawn on 'Manipal University' payable at Manipal or Udupi.

# MSc Chemistry, MSc Mathematics, MSc Physics, MS Geopolitics & International Relations

MSc CHEMISTRY 2 years divided into 4 semesters

MSc MATHEMATICS 2 years divided into 4 semesters

MSc PHYSICS 2 years divided into 4 semesters

MS GEOPOLITICS & INTERNATIONAL RELATIONS (MS GIR) 2 years divided into 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.

**QUALIFICATIONS: MSc CHEMISTRY** - The candidate must have passed BSc with Chemistry as major subject. They should have secured not less than 50% marks in aggregate.

**MSc MATHEMATICS:** The candidate must have passed BSc with Mathematics as major subject. They should have secured not less than 50% marks in aggregate.

**MSc PHYSICS:** The candidate must have passed BSc with Physics as major subject. They should have secured not less than 50% marks in aggregate

**MS GEOPOLITICS & INTERNATIONAL RELATIONS** The candidate must have a Bachelor's Degree in any discipline from a recognized University. They should have secured not less than 50% marks in aggregate.

### **ADMISSIONS**

**GENERAL/FOREIGN/NRI CATEGORY:** Admissions are made on the basis of marks obtained at the qualifying examination

and there is no entrance test.

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**

**GENERAL CATEGORY:** Based on the marks obtained in the qualifying examination, Manipal University will declare a list of candidates in the order of merit which will be on or before 14.06.10 in the website.

**FOREIGN/NRI CATEGORY:** A separate merit list of the applicants under the Foreign/NRI category will be prepared based on marks obtained in the qualifying examination and those selected for admission will be informed separately.

### COUNSELLING

Candidates are required to go through Section 06 for details on counseling procedure, documents to be submitted etc. and Section 07 for details on fees and hostels.

### CLASSES

- MSc Chemistry, MSc Mathematics 09.08.10
- MSc Physics 16.08.10.
- MS Geopolitics & International Relations 26.07.10

### **Important Note**

• Candidates are required to send the following on or before 01.06.10:

General category: FORM + Attested photocopies of marks cards of all attempts for each semester/year of qualifying examination.

**NRI category:** FORM + Attested photocopies of marks cards of all attempts for each semester/year of qualifying examination + Photocopy of Notary affidavit by the sponsoring relative from the country of residence in the format given in page 67.

Foreign category: FORM + Attested photocopies of marks cards of all attempts for each semester/year of qualifying examination.

# Masters in European Studies and Management

### Masters in European Studies and Management (MESM) - 2 years divided into 4 semesters

This program is offered in association with T A Pai Management Institute (TAPMI) in partnership with Hochschule Bremen University of applied sciences Bremen Germany.

### **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.

**QUALIFICATIONS:** The candidate must have passed graduation in any discipline with a minimum of 50% marks in aggregate.

### **ADMISSIONS**

**GENERAL CATEGORY:** Admissions will be made on the basis of entrance test conducted by Manipal University on 30.06.10 at Manipal.

**FOREIGN/NRI:** Admissions are made on the basis of marks obtained at the qualifying examination.

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**

**TEST PATTERN:** Test pattern will be informed later through the website

### HALL TICKET

The Hall Ticket will be dispatched only by Certificate of Posting or Business Mail so as to reach the candidates by 15.06.10. In case the Hall Ticket is not received by the above date, the candidate should visit www.manipal.edu to obtain a Duplicate Hall Ticket.

#### SHORT LIST

Based on the test score, Manipal University will declare a shortlist of applicants eligible for group discussion and personal interview. Shortlist will be displayed on 01.07.10 in the website. The number of shortlisted candidates is more than the total number of seats available. Mere inclusion in the shortlist does not guarantee the admission.

#### **GD & INTERVIEW**

All the short listed candidates are required to attend the GD & Interview on 01.07.10

#### **MERIT LIST**

**GENERAL CATEGORY:** Based on the marks obtained in the entrance test, Manipal University will declare a list of candidates in the order of merit. Merit list will be displayed on or before 01.07.10 in the website.

**FOREIGN/NRI CATEGORY:** A separate merit list of the applicants under the Foreign/NRI category will be prepared based on marks obtained in the qualifying examination and those selected for admission will be informed separately.

### COUNSELLING

Candidates are required to go through Section 06 for details on counseling procedure, documents to be submitted etc. and Section 07 for details on fees and hostels.

### CLASSES

Masters in European Studies and Management - 20.07.10

### **Important Note**

• Candidates are required to send the following on or before 30.05.10:

General category: Candidates are required to send the FORM + DD/Challan for Rs.1000

**NRI category:** FORM + Attested photocopies of marks cards of all attempts for each semester/year of qualifying examination + Photocopy of Notary affidavit by the sponsoring relative from the country of residence in the format given in page 67.

**Foreign category:** FORM + Attested photocopies of marks cards of all attempts for each semester/year of qualifying examination.



### **Superspeciality Courses**

- DM Cardiology, Neurology
- MCh Cardiothoracic Surgery, Neuro Surgery Paediatric Surgery, Urology
- MPhil Nursing
- MPhil Clinical Psychology
- MPhil Psychiatric Social Work

# Doctor of Medicine, Magister of Chirurgiae

### DM, MCh 3 years

### ELIGIBILITY

**CITIZENSHIP:** Indian Nationals.

**QUALIFICATIONS:** MD in General Medicine or Paediatrics for DM courses and MS in General Surgery for MCh courses from a college recognized by the Medical Council of India.

**REGISTRATION:** Permanent registration with Medical Council of India.

### ADMISSIONS

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

Candidates must attach the photocopy of post-internship professional experience and post MD/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.

There is no Foreign/NRI category for these courses.

### **SELECTION TEST**

The test will be held in the respective departments at Kasturba Medical College and Hospital, Manipal at 9 am on 21.07.10. Shortlisted candidates must also attend the interview on 22.07.10.

### HALL TICKET

The Hall Ticket will be dispatched only by Certificate of Posting or Business Mail so as to reach the candidates by 14.07.10. In case the Hall Ticket is not received by the above date, the candidate should visit www.manipal.edu to obtain a Duplicate Hall Ticket.

### **MERIT LIST**

The list of candidates provisionally selected for admission will be displayed on notice board of Manipal University on 22.07.10 after the interview.

### CLASSES

• DM, MCh - 02.08.10

### **Important Note**

• Candidates are required to send the FORM + Attested photocopy of all marks cards of MBBS and MD/MS courses + Photocopy of publications, experience if any + DD/Challan for Rs.1000 drawn on 'Manipal University' payable at Manipal or Udupi on or before 30.06.10.

# MPhil Courses - Nursing, Clinical Psychology, Psychiatric Social Work

MPhil NURSING - PART TIME 2 years MPhil CLINICAL PSYCHOLOGY 2 years MPhil PSYCHIATRIC SOCIAL WORK 2 years ELIGIBILITY

### CITIZENSHIP: Indian Nationals.

#### **QUALIFICATIONS:**

- The candidate must have passed MSc Nursing recognized by Indian Nursing Council with atleast 60% marks in aggregate for those seeking admission to **MPhil Nursing**.
- The candidates must have passed full time MA (Psychology) or MSc (Psychology) from a recognised University with a minimum of 55% marks in aggregate of the Masters Degree course as a whole for those seeking admission to MPhil Clinical Psychology.
- The 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 for those seeking admission to **MPhil Psychiatric Social Work.**

### **ADMISSIONS**

MPhil NURSING: Admissions are made on the basis of selection test consisting of written test and interview.

WRITTEN TEST PATTERN: There will be one question paper of 3 hours duration consisting of multiple choice questions, short answer type and essay type questions in the subjects of Nursing theories, Nursing research, Statistics, Course planning, Management of care and Current issues in Health and Nursing.

**MPhil CLINICAL PSYCHOLOGY:** Admissions are made on the basis of past academic and professional record and a selection test consisting of departmental written test, clinical examination, viva-voce and interview.

**CREDIT FOR ACADEMIC ACHIEVEMENTS:** The candidates called for selection test will be given credit for their past academic achievements like Dissertation, Publications in Scientific

Merit/Honour/Awards, if any, at the postgraduate level. The total of such credit will carry a maximum of 20 points.

Candidates must attach the photocopy of dissertation, reprints of publication/s and certificates issued by head of the department/ institution with regard to academic achievement/s like ranks/ honour/ awards along with FORM in order to avail this credit.

WRITTEN TEST PATTERN: The test consists of 80 multiple choice questions covering a wide range of topics from various branches of Psychology, such as General Psychology, Experimental Psychology, Social Psychology, Developmental Psychology, Abnormal Psychology and also from Statistics & Research Methodology and General Psychiatry. All questions carry equal marks. The test performance will carry a maximum of 70 points. The duration of the entrance test is 90 minutes.

**INTERVIEW:** Based on the credit for past academic achievements and the performance in the entrance test, the first 12 candidates will be called for the interview. The interview performance will carry a maximum of 10 points.

# The candidates are required to produce all the original certificates during the selection test.

**MPhil PSYCHIATRIC SOCIAL WORK:** Admissions are made on the basis of selection test consisting of departmental written test and a personal interview.

**WRITTEN TEST PATTERN:** The test consists of 80 multiple choice questions covering a wide range of topics from various branches of Social work such as historical beginnings of the discipline, basic social work concepts, dynamics of human behaviour, working with individuals and groups, family and child welfare, women welfare, community welfare, psychiatric social work, industrial psychology, statistics & research methodology. All questions carry equal marks. The test performance will carry a maximum of 70 points. The duration of the entrance test is 90 minutes.

**INTERVIEW:** Based on the performance in the written test, the first 12 candidates will be called for the interview. The

interview performance will carry a maximum of 10 points. The candidates are required to produce all the original certificates during the selection test.

### **SELECTION TEST**

- The test will be held at Manipal College of Nursing, Manipal at 9 am on 21.07.10 for MPhil Nursing. Shortlisted candidates must also attend the interview on 22.07.10.
- The test will be held in the Department of Clinical Psychology, Kasturba Medical College and Hospital, Manipal at 9 am on 21.07.10 for MPhil Clinical Psychology. Shortlisted candidates must also attend the interview on 22.07.10.
- The test will be held in the Department of Psychiatry, Kasturba Medical College and Hospital, Manipal at 9 am on 21.07.10 for MPhil Psychiatric Social Work. Shortlisted

candidates must also attend the interview on 22.07.10.

### HALL TICKET

The Hall Ticket will be despatched only by Certificate of Posting or Business Mail so as to reach the candidates by 14.07.10. In case the Hall Ticket is not received by the above date, the candidate should visit www.manipal.edu to obtain a Duplicate Hall Ticket.

### MERIT LIST

The list of candidates provisionally selected for admission will be displayed on notice board of Manipal University on 22.07.10 after the interview.

### CLASSES

- MPhil Nursing 16.08.10
- MPhil Clinical Psychology, MPhil Psychiatric Social Work 02.08.10

### **Important Note**

• Candidates are required to send the FORM + Attested photocopy of all marks cards of the qualifying examination + Photocopy of publications, experience if any + DD/Challan for Rs.1000 drawn on 'Manipal University' payable at Manipal or Udupi on or before 30.06.10.



### **Certificate Courses**

- Oral Implantology
- Aesthetic Dentistry
- Panchakarma
- Animation Technology
- Advance Architectural Design
- Public Health
- Global Health
- Management

### **Diploma Courses**

- Dental Materials
- Corporate Communication
- Gandhian and Peace Studies

### **Other Campus Courses**

- Bangalore
- Dubai



# Oral Implantology

### CERTIFICATE COURSE IN ORAL IMPLANTOLOGY 1 year

It is a combination of 4 to 5 contact sessions conducted at Manipal and learning experience at candidates own work place in between the session. Each contact session is of one week duration.

### **ELIGIBILITY**

Pass in BDS from any institution recognized by the Dental

Council of India and should have a minimum of 3 years of general practice. Candidates with MDS degree (any clincial speciality) are also eligible to apply. Preference will be given to BDS degree holders.

### **ADMISSIONS**

Admissions are made based on merit and experience of the candidate in the relevant area.

# **Aesthetic Dentistry**

### **CERTIFICATE COURSE IN AESTHETIC DENTISTRY 1 year**

It is a combination of 4 to 5 contact sessions, each of 5 day duration. The session will be held once in three months.

### ELIGIBILITY

Pass in BDS from any institution recognized by the Dental Council of India. Preferably have a minimum of three years clinical experience prior to the commencement of the course.

### ADMISSIONS

Admissions are made based on academic merit, qualifications obtained and previous professional experience.

### **Important Note**

• Candidates are required to send the FORM + Attested photocopy of all marks cards of the qualifying examination on or before 10.03.10.

# Panchakarma

### PG CERTIFICATE COURSE IN PANCHAKARMA 6 months

### **ELIGIBILITY**

CITIZENSHIP: Indian Nationals.

**QUALIFICATIONS:** Candidates must have a bachelor's degree in Ayurveda from a recognized University and completed the compulsory rotatory internship.

### ADMISSIONS

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

### SHORT LIST

Based on the marks obtained at the qualifying examination, Manipal University will declare a short list of candidates eligible for interview on 20.07.10. The exact schedule for the interview will be informed separately.

### **MERIT LIST**

The list of candidates provisionally selected for admission will be displayed on the notice board of Manipal University after the interview.

### **CLASSES**

• Panchakarma - 01.09.10

# Animation Technology

### **CERTIFICATE COURSE IN ANIMATION TECHNOLOGY**

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 decent communication skills are essential.

### **ADMISSIONS**

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

### MERIT LIST

Based on merit, Manipal University will declare a list of candidates on or before 26.07.10.

### **CLASSES**

Animation Technology - 01.09.10

### **Important Note**

• Candidates are required to send the FORM + Attested photocopy of all marks cards of the qualifying examination on or before 30.06.10.

# Advance Architectural Design

### PG CERTIFICATE IN ADVANCE ARCHITECTURAL DESIGN 1 year

Refer to page 21-24 of Section 02 of the prospectus for details of the course.

# Public Health and Global Health

### CERTIFICATE COURSE IN PUBLIC HEALTH 6 months

### CERTIFICATE COURSE IN GLOBAL HEALTH 6 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.

**QUALIFICATIONS:** Graduates in any Health Sciences including Medicine, Dental Sciences, Nursing, Allied Health sciences, Life Sciences and the mainstream Science graduate's are also eligible.

### **ADMISSIONS**

Admissions are done on the basis of marks obtained at the qualifying examination

### **MERIT LIST**

The list of candidates provisionally selected for admission will be displayed on the notice board of Manipal University on 26.07.10

### **CLASSES**

- Certificate Course in Public Health 01.09.10
- Certificate Course in Global Health 01.09.10

# **Dental Materials**

PG DIPLOMA COURSE IN DENTAL MATERIALS 2 years divided into 4 semesters

Refer to page 24-25 of Section 02 of the prospectus for details of the course.

# Management

### **CERTIFICATE COURSE IN MANAGEMENT** 6 months

### ELIGIBILITY

The course is open only to those who have completed their Nursing and Allied Health Sciences graduation and currently doing their internship period.

### **ADMISSIONS**

Admissions are made on the basis of the marks scored in the qualifying examination.

# Corporate Communication

### PG DIPLOMA IN CORPORATE COMMUNICATION 1 year divided into 2 semesters

Refer to page 29 of Section 02 of the prospectus for details of the course.

# <sup>r</sup> Gandhian and Peace Studies

## DIPLOMA IN GANDHIAN AND PEACE STUDIES 1 year into 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.

**QUALIFICATIONS:** Any graduate with Arts, Science & Commerce with minimum of 45% marks is eligible for the course.

**NOTE:** Candidate who is willing to do full time course as well as part time (by choosing a particular module of one's own interest) is eligible to take up the course.

#### ADMISSIONS

Admissions are done on the basis of marks obtained at the qualifying examination

### **MERIT LIST**

The list of candidates provisionally selected for admission will be displayed on the notice board of Manipal University on 26.07.10

### CLASSES

• Diploma in Gandhian and Peace Studies - 01.09.10

# Manipal University Bangalore Campus Programmes

BSc Animation: 3 years divided into 6 semesters

Manipal University offers B.Sc Animation a full-time Degree programme from its Bangalore Campus.

The three year degree programme in Animation enables students to learn the fundamentals of traditional art and design and then apply this knowledge to 3D Animation, Gaming and VFX. This full-time, day programme is being offered at an exclusive state-of-the-art campus located at Yelahanka, Bangalore.

### **SOFTWARE TOOLS**

The technology and the software that are used for teaching are the latest and the most sophisticated. The software covers 2D & 3D Animation.

- Apple: Final Cut Pro, Sound Track Pro, Shake
- Toonboom: Solo, Studio, Story Board Pro
- · Adobe: Photoshop, Illustration, Flash
- Autodesk: 3D Studio Max, Maya, Combustion
- Corel: Painter

### ELIGIBILITY

**QUALIFICATIONS:** Students who have cleared (or expecting results) 10+2 or equivalent examinations with a creative bent of mind can apply for the program.

**How to Apply:** The application form can be downloaded from the website www.manipal.edu/animation.

The filled application form has to be submitted along with an application fee of Rs. 1000/- (Rupees One Thousand only), by a crossed Demand Draft drawn in favour of Manipal Universal Learning Private Limited, payable at Bangalore and has to be sent to address mentioned below.

Programme Co-ordinator - BSc Animation Manipal Education Plot No. 648/L, Survey No 139, First Floor, Next to Indiranagar Police station, First stage, Indiranagar, Old Madras Road, Bangalore - 560038 Call : (0) 9980844001, 080-25214186/87

### **ADMISSION**

**GENERAL/FOREIGN/NRI CATEGORY:** Admissions are done on the basis of a written entrance test followed by a personal interview. The interview date and venue will be informed to the candidates.

Last date to apply: 30.06.10

Commencement of classes: 02.08.10 FEES:

**BSc Animation** 

Category	Currency	Registration	Security		Grand Tota		
			deposit	1st year	2nd year	3rd year	Fees
Indian Nationals	INR	10,000	7,500	2,00,000	2,00,000	2,00,000	6,17,500
NRI/Foreign Nationals	USD	300	-	6,400	6,400	6,400	19,500

**MBA - Media & Entertainment:** 2 years divided into 4 semesters

Manipal University offers MBA in Media & Entertainment in association with Whistling Woods International (WWI). The programme combines the best of both worlds by coupling managerial tools and frame work with an in depth understanding of the creative processes for the media

- Specialization in Film, Broadcasting, New and Interactive Media and Event Management
- Programme curriculum covers marketing, finance, law, operations and in-depth understanding of production process
- This first year of the Programme will be conducted at Manipal University Bangalore Campus in Bangalore covering all General Management Subjects and Media Case Studies
- The 2nd year of the Programme will consist of internship/ industrial training at WWIL premises located at Film City, Mumbai. This will include actual production and post production techniques, the process of film making and understanding TV, Radio & other sectors of the entertainment industry.

### **ELIGIBILITY**

**QUALIFICATIONS:** The candidates should have a Bachelor's Degree in any discipline from a recognized university. Students appearing for the final year of graduation in 2010 can also apply.

How to Apply: The application form can be downloaded from the website **www.manipal.edu/me.** The filled application form has to be submitted along with an application fee of Rs.1000/- (Rupees One Thousand only), by a crossed Demand Draft drawn in favour of Manipal Universal Learning Private Limited, payable at Bangalore and has to be sent to address mentioned below.

Programme Co-ordinator - MBA in Media & Entertainment Manipal Education

Plot No. 648/L, Survey No 139,

First Floor, Next to Indiranagar Police station, First stage, Indiranagar, Old Madras Road, Bangalore - 560038 Call : (0) 9902025870, 080-25214186/87

### **ADMISSION**

**GENERAL/FOREIGN/NRI CATEGORY:** The candidates should submit a Statement of Purpose (of around 500 words) along with the application form.

Admissions are done on the basis of an entrance test followed by a personal interview at our centre. The interview date and venue will be informed to the candidates.

Last date to apply: 30.06.10

Commencement of classes: 02.08.10

FEES:

MBA Media & Entertainment

Category	Currency Registration Fees	Tuition Fees	Year 1 Total	Tuition Fees	Year 2 Fees	Grand Total
Indian Nationals	INR	10,000	275,000	285,000	275,000	560,000
NRI/Foreign Nationals	USD	300	7,800	8,100	7,800	15,900

### MBA - Advertising & Marketing Communications:

This 2 years MBA program aims to provide a practical framework for planning, controlling and managing marketing communication programs along with general management principles and practice. The overall emphasis is on developing integrated advertising, sales, promotion, public relations and internet communication strategies that build brand equality.

Students will be able to demonstrate business knowledge and skills, analyze communication problems, design research to solve communication issue, write and evaluate professional briefs, evaluate the effectiveness of advertisement campaigns, display advanced skills in public relations and communication

### ELIGIBILITY

**QUALIFICATIONS:** The candidates should have a Bachelor's Degree in any discipline from a recognized university. Students appearing for the final year of graduation in 2010 can also apply.

How to Apply: The application form can be downloaded from the website **www.manipal.edu/amc.** The filled application form has to be submitted along with an application fee of Rs.1000/- (Rupees One Thousand only), by a crossed Demand Draft drawn in favour of Manipal Universal Learning Private Limited, payable at Bangalore and has to be sent to address mentioned below.

Programme Co-ordinator - MBA in Advertising & Communications

Manipal Education

Plot No. 648/L, Survey No 139,

First Floor, Next to Indiranagar Police station,

First stage, Indiranagar, Old Madras Road,

Bangalore - 560038

Call: (0) 9902025870, 080-25214186/87

### **ADMISSION**

**GENERAL/FOREIGN/NRI CATEGORY:** The candidates should submit a Statement of Purpose (of around 500 words) along with the application form.

Selected applicants will be invited to a personal interview at our Bangalore centre. The interview date and venue will be informed to the candidates.

Last date to apply: 30.06.10

Commencement of classes: 02.08.10

FEES:

MBA Advertising and Communications

Category	Currency Registration Fees	Tuition Fees	s Year 1 Tuition Fee Total		Year 2 Fees	Grand Total
Indian Nationals	INR	10,000	250,000	260,000	250,000	510,000
NRI/Foreign Nationals	USD	300	7,500	7,800	7,500	15,300

# MANIPAL UNIVERSITY DUBAI CAMPUS

Manipal, India has evolved with time. Manipal University, Dubai Campus illustrates Manipal's dream of spreading its Knowledge Centres worldwide. Which is why the Manipal University, Dubai Campus opened with the objective of providing quality education for students from UAE and neighboring countries.

MU Dubai Campus was established in the year 2000. The exponential growth saw the campus shift to Knowledge Village in September 2003 before eventually moving to its modern sprawling campus at Dubai International Academic City (DIAC) in September 2006.

The campus offers UG, PG & Certificate programs in Business administration, IT, Media, Biotechnology, Fashion & Interior design. From March 2008 MU Dubai started offering engineering programs.

At MU Dubai Campus, respect and fellowship are what bind the over 1700 students representing a wide range of cultures, backgrounds and nationalities. The numerous organizations, events, and activities at MU Dubai Campus encourage socializing among the student community that strengthens ties and contributes towards creating a truly global society.

The Dubai Campus offers comprehensive & well integrated common facilities including a dining, academic and extracurricular forums, auditorium and beautifully landscaped surrounding. It also offers excellent facilities like library services, information technology services, sports facilities and various student clubs to develop a well rounded personality

#### **ENGINEERING & TECHNOLOGY**

- BE in Mechatronics Engineering
- BE in Instrumentation & Control Engineering
- BE in Civil Engineering
- BE in Mechanical Engineering

BE in Electronics & Communication Engineering

**Management Studies** 

Bachelor of Business Administration (BBA)

Master of Business Administration (MBA)

### **INFORMATION TECHNOLOGY**

Bachelor of Science (B.Sc.) in Information Systems and Management

Master of Science (M.Sc.) in Information Systems

### BIOTECHNOLOGY

Bachelor of Science (B.Sc.) in Biotechnology

Bachelor of Science (B.Sc.) in Bioinformatics

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

Master of Science (M.Sc.) in Human Genetics & Forensic Science

### **ALLIED HEALTH SCIENCES**

Bachelor of Physiotherapy (BPT)

Bachelor of Occupational Therapy (BOT)

Bachelor of Audiology & Speech Language Pathology (BASLP)

### **MEDIA & COMMUNICATIONS**

Bachelor of Arts (BA) in Media and Communications

Master of Arts (MA) in Media and Communications

### **INTERIOR DESIGN**

Bachelor of Arts (BA) in Interior Design

Master of Arts (MA) in Interior Design

Certificate Program in Interior Design

#### **FASHION DESIGN**

Bachelor of Arts (BA) in Fashion Design and Technology

Master of Arts (MA) in Apparel Marketing, Merchandising & Management (AMMM)

Certificate Program in Fashion Design & Information Technology (FDIT)

Certificate Program in Accessory Design (AD)

Certificate Program in Jewellery Design (JD)

Certificate Program in Textile Design & Creative Embroidery (TDE)

### For more details, please contact:

#### **ADMISSION OFFICE**

Manipal University, Dubai Block No. 7, Academic Dubai, U.A.E. Tel: +9714 4291214 / 3694540 FAX: +9714 3694541 Mobile: +971 50 3482778 E-mail: admissions@mahedubai.com Website: www.mahedubai.com



### **EPSI**

### **ENAT Booking System**

- Scratch card
- ENAT booking password
- ENAT booking schedule
- ENAT booking procedure
- e-Hall Ticket

### **EPSI National Admission Test**

- Regulations at the test centre
- ENAT procedure
- ENAT Score
- Mock Test

Manipal College of Pharmaceutical Sciences: 8 Patents | Research Publications by Medical Faculty (2004-08) : 3730 | Conferences Organized ( 2004-08) : 628 | Several Government & Industry Research Projects



# Education Promotion Society for India (EPSI)

EPSI is a non profit autonomous organization registered under the Societies Registration Act, 1860. EPSI facilitates Academia, Industry and the Government as a catalyst nodal agency of the country for promotion of education covering all fields i.e. School Education, Higher Education, Vocational Education, Professional education (including Engineering, Medicine, Dentistry, Nursing, Management, Law, etc.)

EPSI in its Managing Committee has decided to conduct examination as a third party examination agency for various disciplines in higher education for Universities/Institutions across India. Manipal University has participated in the year 2008 & 2009 examinations. Manipal University decided to join the ENAT-2010 examinations to be conducted by EPSI for all its PG & UG programmes. Several other universities has also participated

### PARTICIPATING UNIVERSITIES WEBSITE

JSS University, Mysore	www.jssfoundation.com
Manav Rachna International University, Faridabad	www.mriu.edu.in
Swami Vivekanand Subharti University, Meerut	www.subharti.org
Sharada University, Greater Noida	www.sgi.edu.org
Jayoti Vidyapeeth Womens University,Jaipur	www.jvwomensuniv. com/org/in
Mitcon Consultancy Services Ltd, Pune	www.mitconindia.com
K R Mangalam Institution of Higher Education, New Delhi	www.krmangalam.org/ kgrm.org
Suryadatta Group of Institutions, Pune	www.suryadatta.org
DAV Institutes of Management, Faridabad	www.davim.ac.in
Masscomedia Pvt Ltd, Noida	www.masscomedia.com
Vishveshwarya Group of Institutions, Ghaziabad	www.viet.ac.in

The candidates are, therefore, informed that they shall be appearing for the ENAT examination based on their application to the University and would be eligible for the admission process on the basis of ENAT scores/results.

For further details the candidates can visit at www.enat.org. in, www.epsfi.org.

### ENAT BOOKING SYSTEM

ENAT booking system is a web based online scheduling system available at www. manipal.edu

Candidates can book the test schedule at the centre, date and time of their choice.

The schedule bookings are done on first-come-first-served basis and are subject to availability.

### SCRATCH CARD

The scratch card supplied along with this prospectus should be retained by the candidate and s/he should carry this card along with photocopy of the filled application form for ENAT test schedule booking.

Candidates are required to gently scratch the silver panel supplied on the scratch card to reveal the 9 digit ENAT booking password.

By scratching this card, you agree to be fully responsible for all access, use and activities that occur under your ENAT booking password.

### ENAT BOOKING PASSWORD

The security of your ENAT booking password is totally your responsibility. EPSI will not be held accountable or responsible for any claim or loss that results directly or indirectly from any unauthorized use or misuse of your ENAT booking password.

The ENAT booking password must be kept confidential. Do not disclose it with others or write them down or store them in a file on your computer or autosave passwords.

Your ENAT booking password is required only for the purpose of booking a schedule using ENAT booking system & to download e-hall ticket from the website and it will not be used for any other purpose.

#### ENAT BOOKING SCHEDULE

Candidates are required to book their slots using the ENAT

booking system as per the schedule given below. Please note that the ENAT booking system will not allow the candidate to book a slot after the booking end date.

COURSES	BOOKING START DATE	BOOKING END DATE
MDS,PG Diploma in Dental Materials	02.02.10	10.02.10
MD, MS, PG Diploma	02.02.10	10.02.10
MBBS, BDS, BPharm, PharmD (Biology)	18.03.10	27.03.10
BE, BPharm, PharmD (Maths)	19.03.10	28.03.10
BHM, DHMCT, BA Journalism, BBM- e Banking	20.03.10	27.03.10
MTech Software Engg	24.04.10	03.05.10
MPT, MOT, MASLP, MSc MLT, MRT, MSc OPT, MPharm, MSc in Advanced Pharmaceutical Sciences, PharmD Post Baccalaureate, MSc Nursing	24.04.10	03.05.10
MTech, MS	24.04.10	03.05.10
MSc (Medical)	20.05.10	29.05.10
MS Communication, MCA, PG DCC	20.05.10	29.05.10

### ENAT BOOKING PROCEDURE

While booking your test schedule, please ensure that you have the following with you:

- a) A photocopy of your submitted application form
- b) Scratch card (for ENAT booking password)

A slot once booked cannot be changed. Requests for change of test centre, date or slot will not be entertained under any circumstances.

In case of non-availability of slots in a centre of choice, the candidate may choose to book a slot in an alternate centre.

Also, if for any reason, including poor response of candidates for appearing at a particular centre, a test centre has to be cancelled, the candidates who had opted for that centre will be allotted another centre. EPSI will inform such candidates individually.

The ENAT booking system is available only to those eligible candidates who have submitted the application forms complete in all respects on or before the last date mentioned for the respective courses.

It is the responsibility of the candidate to book their test schedule in ENAT BOOKING SYSTEM in the given time frame. EPSI will not be held accountable for the non-bookings. The entrance test fee will not be refunded under any circumstances for such cases.

A confirmation mail will be automatically sent to the email

address after the candidate has booked his/her schedule through the ENAT booking system.

No candidate will be allowed to appear for the ENAT twice for the same entrance test in a year. In the event of such attempt, their candidature will be cancelled and they will be liable to be debarred from taking examination either permanently or for a specified period to be decided by the EPSI. EPSI reserves the right to withhold the result of such candidates.

### e-HALL TICKET

The e-hall ticket will be generated 48 hours after the candidate has booked his/her schedule through the ENAT booking system. The e-hall ticket will be issued for only those candidates who book a slot using the ENAT booking system before the booking end date for respective courses as per the booking schedule.

The e-hall ticket will indicate the e-hall ticket number, course/s applied, address of the test centre, test date & time selected by the candidate. Discrepancies, if any, must be brought to our notice immediately.

The e-hall ticket will be made available on www.manipal. edu. Candidate should provide the application form number and ENAT booking password to download the e-hall ticket. The copy of the e-hall ticket will also be emailed to the candidate. Candidates must provide valid email ID in the application form. The e-hall ticket will NOT be dispatched to candidates via post or fax.

Candidates should ensure that a printer is connected to their computer while printing the e-hall ticket. Candidates should take two print outs of the e-hall ticket using the print option on A4 size paper only. Please ensure that all information on the e-hall ticket including photograph is clearly visible on the print out.

No candidate will be permitted to appear for the test without a valid e-hall ticket.

The candidates must not mutilate the e-hall ticket or change any entry made therein after it has been authenticated and received by them. The e-hall ticket is not transferable to any other person. Impersonation is a legally punishable offence. The e-hall ticket is an important document; it must be preserved and produced at the time of counselling/admission.

Report to the selected test centre with the two copies of the e-hall ticket, one photocopy of the application form and any one of the following for photo identification:

Passport/Driving License/EC Voter ID card/IT PAN card or School/College photo-bearing ID card

### **EPSI NATIONAL ADMISSION TEST**

The salient features of ENAT are:

The candidate sits in front of the computer and the questions are presented on the monitor and the candidate submits his answers by using the mouse. The computer is connected to the server, which delivers the test, in real time through a reliable connectivity.

ENAT assumes that the candidate has basic familiarity with use of computers like use of keyboard and mouse operation. It is the responsibility of the candidate to acquire these skills before appearing in the test and the EPSI cannot take responsibility for the same.

The final score will be displayed on the test screen immediately after the completion of the test.

#### **IMPORTANT NOTE**

- The number of examination days will be estimated based on the total number of applications received for the particular group of courses and test centre choices given by the candidates in the application.
- In the rare and unlikely event of a technical failure during the test, the candidate may be required to attempt for the test again.
- Candidates must visit www.manipal.edu regularly to obtain latest news, information and updates on online entrance test.

### **REGULATIONS AT THE TEST CENTRE**

Candidates should arrive at the test centre as per the reporting time mentioned in the e-hall ticket. There will be pre-test process which includes registration and an on-site orientation prior to the start of the actual test. If a candidate arrives after the on-site orientation has begun, he/she will not be allowed to take the test. The test hall will be opened 30 minutes before the commencement of the test.

The candidate has to register his/her name in the registration counter. The e-hall tickets of the candidates will be checked to satisfy about the identity of each candidate.

Each candidate is given a seat with a computer. Candidates must find out and occupy their allotted seats at least 15 minutes before the commencement of the test.

Candidates will not be allowed to carry any textual material, printed or written, bits of papers or any other material except the e-hall ticket inside the test hall. Candidates are also not permitted to bring calculators, slide rules, clark tables, electronic watches with facilities of calculators, laptop or palmtop computers, personal stereo systems, walkie-talkie sets, mobile phones, paging devices or any other object/ device that is likely to be of unfair assistance.

No candidate will be allowed to go outside the test hall till the completion of the entire duration of time. Once candidates leave the hall (even if only to answer a call of nature) they cannot return under any circumstances. Smoking in the test hall is strictly prohibited. Tea, coffee, cold drinks or snacks are also not allowed to be taken into the test hall.

There are no waiting facilities for family and friends at the test centre. Candidates should plan to meet them elsewhere after the test ends.

Candidates shall maintain perfect silence and attend to their questions only. All actions of the candidate in the test hall will be closely monitored using web cameras and closed circuit TV cameras. Any conversation or gesticulation or disturbance in the test hall shall be deemed as misbehaviour and if a candidate is found using unfair means or impersonation, their candidature will be cancelled and they will be liable to be debarred from taking examination either permanently or for a specified period to be decided by the University. The University reserves the right to withhold the result of such candidates.

Candidates must sign the attendance sheet in the presence of the invigilator. The invigilator will also put his/her signature in the place provided in the e-hall ticket.

### ENAT PROCEDURE

The candidates must ensure that the computer allotted to them is switched on and any problem with the computer should be informed to the invigilator immediately.

The questions appearing on the screen will be in English. All questions will be of the Multiple Choice Question (MCQ type).

Each MCQ will consist of a stem which may be in the form of a question or an incomplete statement and four responses labeled A, B, C and D. One of the four responses only is the correct or most appropriate answer. Candidates must choose the correct or most appropriate answer by clicking on the button next to the answer. Candidates can navigate freely through the questions.

#### **ROUGH WORK**

All rough work should be done on the paper/s supplied in the Test Centre. No paper/s should be taken to the test hall for this purpose.

### **ENAT SCORE**

Each question carries one mark. Each correct answer will be awarded one mark. The wrong answer or unanswered questions will receive no (positive/negative) mark.

The final score will be displayed in the test screen immediately after the test. The candidate should acknowledge the score in the print out of the score card in the presence of the invigilator.

### **MOCK TEST**

The mock test will be made available to the candidates in the website www.manipal.edu. It is mainly designed to provide the candidates a feel of the test flow and its different components. The mock test will give the candidate an idea of all the features of the ENAT.

**INCOMPLETE APPLICATIONS** 

Eligible incomplete application (For example: Declaration not signed, left thumb impression not taken, course/s not mentioned, DD not enclosed, DD wrongly drawn, Internship date not mentioned, Photographs not affixed on the application etc.) will not be processed. EPSI will not take responsibility to inform these candidates. Such candidates will not be able to access the ENAT Booking System.

Candidates are hence advised to ensure that the application is duly filled and dispatched along with other enclosures complete in all respects.

### India's First Program in Jewellery Management





### **Counselling & Admission**

- Counselling Procedure
- Waitlist
- Documents
- Format Notary Affidavit
- Format Experience Certificate
- Format Authorization for Representative



### **COUNSELLING PROCEDURE**

The list of candidates eligible to attend the counselling, counselling schedule, venue and other relevant details, will be made available in the website www.manipal.edu.

Successful candidates will be allotted seats according to their rank and number of seats available.

Only the candidates whose ranks are included in the counselling schedule are required to attend the counselling.

The physical presence of the candidate at the counselling is mandatory. If a candidate is prevented by unavoidable circumstances from being physically present for the counselling, he/she may authorize another individual to represent him/her at the counselling.

This representative must carry the authorization in the format given in the page 67 and bring all the documents and the full fees. Absence of the candidate or his/her representative at the indicated reporting time and date will result in the instantaneous forfeiture of any claim for a seat.

The choice of course made by the candidate / representative is final and binding and cannot be altered later under any circumstances.

Only the candidate/representative will be allowed into the counselling hall. They will be called in the order of their ranks and offered the seats available at that point of time. They are permitted to choose any of the seats available during their turn. Ties will be resolved in the manner described below:

- a) The Net Average Score (NAS) obtained during the qualifying examination will be calculated by taking the gross average marks of all the Board / University examinations and subtracting a factor determined on the basis of the number of failures. The tied candidates will be re-ranked on the basis of NAS.
- b) In the event of NAS of two (or more) tied candidates being identical, the candidate with fewer failures will be ranked higher.

For the purpose of this rule, each failure in a subject in a (semester/year) Board/University examination will be reckoned as one failure. Non-appearance in a particular subject in an examination for whatever reason will also be counted as failure.

### WAIT LIST

When all the seats in a given course/s are filled, candidates may choose to be waitlisted.

i) Candidates may opt for one course and simultaneously get waitlisted for other course/s.

Such candidates are required to pay the fee for the course to which they are admitted. Failure to pay the fee will result in instantaneous forfeiture of the seat.

On subsequent selection to the course to which they are waitlisted, these candidates need to pay the difference of fees, if any.

- ii) Candidates who opt only to be waitlisted, need not pay any fee until they receive the selection intimation from the university that they have been selected for admission from the waiting list as a consequence of withdrawal or cancellation of admission of any originally admitted candidate.
- iii) The University officer in-charge of counselling will declare the waiting list for each course as closed as soon as he/ she is satisfied that an adequate number of candidates have been waitlisted for that course.
- iv) Candidates can waitlist only for the course and not for the campus.

### DOCUMENTS

During counselling all candidates are required to produce the original and two sets of photocopies of following documents. In the event of admission, the University will retain these documents till the candidate completes the course.

Candidates are warned against submitting the colour photocopies of the original marks card in lieu of the original marks cards. Original marks cards which are laminated will not be accepted by the University. In the event of submission of such fraudulent original marks cards, incorrect or untrue information or suppression or distortion of any fact in the original marks card, admission/degree of the candidate is liable for cancellation.

Request for withdrawal of the original documents submitted can be made only for genuine reasons in the prescribed application available at the Admissions Office.

Failure to produce the document/s on the day of admission or by the date specified for this purpose will result in instantaneous forfeiture of the seat.

### MBBS/BDS/BE/BPharm/PharmD/BHM/DHMCT/BAJC/BBM e-Banking/ BArch / BSc Biotechnology/ Allied Health Degree Courses/ BBA JDM/ /BSc Applied Sciences

- e-Hall Ticket (for ENAT courses only)
- NATA score card (for BArch applicants only)
- 10th standard marks card for proof of date of birth
- Marks card of 10+2
- Conduct and Character certificate to be obtained on the School/College letter head/pad. No other certificate in lieu of this will be accepted
- Transfer Certificate or School/College Leaving Certificate issued by the School/College. No other certificate in lieu of this will be accepted
- Four recent and identical passport size photographs and one stamp size photograph

### **BSc Nursing**

- 10th standard marks card for proof of date of birth
- Marks card of 10+2
- Conduct and Character certificate to be obtained on the School/College letter head/pad. No other certificate in lieu of this will be accepted
- Transfer Certificate or School/College Leaving Certificate issued by the School/College. No other certificate in lieu of this will be accepted
- Four recent and identical passport size photographs and one stamp size photograph
- Medical fitness certificate from a physician with MD qualification

### **PC BSc Nursing**

- Hall Ticket
- 10th standard marks card for proof of date of birth
- Marks card of 10+2
- GNM Marks card
- GNM certificate
- Medical fitness certificate from a physician with MD qualification
- Transfer certificate or School/College Leaving certificate issued by the School/College. No other certificate in lieu of this will be accepted

- Conduct and character certificate from the head of the institution last worked
- Certificate of registration with any State Nursing Council
- Four recent and identical passport size photographs and one stamp size photograph

### **BE/BPharm/BBA (Lateral Entry)**

- Hall Ticket (for BE)
- 10th standard marks card for proof of date of birth
- Marks cards of qualifying examination (all semesters/ years)
- Diploma/Degree certificate from the Board/University
- Conduct and Character certificate to be obtained on the School/College letter head/pad. No other certificate in lieu of this will be accepted
- Transfer Certificate or School/College Leaving certificate issued by the School/College. No other certificate in lieu of this will be accepted
- Four recent and identical passport size photographs and one stamp size photograph

# MD/MS/PG Medial Diploma/MDS/PG Diploma course in Dental Materials

- e-Hall Ticket
- MBBS/BDS degree certificate
- Certificate of permanent registration with any state Medical/Dental Council in India
- Certificate of completion of compulsory rotatory internship
- Marks cards of all professional examinations
- Postgraduate diploma certificate, if any
- Conduct and Character certificate from the head of medical/dental college from which you have graduated/ will be graduating
- A notary affidavit (to be prepared and notarised at the place where the sponsoring relative is currently working) signed by the sponsoring relative in the format given (for NRI candidates only) in page 67.
- Four recent and identical passport size photographs and one stamp size photograph

MPT/MOT/MASLP/MSc MLT/MSc MIT/MSc NMT/MSc OPT/ MSc CVT/MRT/MPharm/MSc in Advanced Pharmaceutical Sciences/PharmD Post Baccalaureate/MS Communication/ PG DCC /MS GIR/MSW/ MTech/MS/MCA/MBA (Part time) MArch Advance Design/PG CAAD/MSc Medical/MSc Clinical Embryology/MSc Yoga Therapy/MSc HHIA/MSc Biostatistics/ MSc Technical/ MSc HTM/MSc IHTM/ MSc Photonics/PG Diploma in Dietetics/MPH/MSc Physics/MSc Mathematics/ MSc Chemistry/MSc Bioinformatics/MESM

- e-Hall Ticket (for ENAT courses only)
- Degree certificate or Provisional pass certificate issued by the Board/University
- Marks cards of qualifying examination (all semesters years)
- Conduct and Character certificate to be obtained on the College letter head/pad. No other certificate in lieu of this will be accepted
- Certificate of completion of Internship for MPT, MOT, MASLP, MSc MLT, MSc MIT, MSc OPT, MRT and MSc CVT courses
- A notary affidavit (to be prepared and notarised at the place where the sponsoring relative is currently working) signed by the sponsoring relative in the format given (for NRI candidates only) in page 67.
- Four recent and identical passport size photographs and one stamp size photograph

#### **MSc Nursing**

- e-Hall Ticket
- PC BSc/BSc Nursing marks cards (all years/semesters)
- BSc Nursing/PC BSc degree certificate
- RN RM registration certificate
- Conduct and Character certificate to be obtained on the College letter head/pad. No other certificate in lieu of this will be accepted
- Experience certificate in the format given in page 51, on the institution letter head
- Medical fitness certificate from a physician with MD qualification
- A notary affidavit (to be prepared and notarised at the place where the sponsoring relative is currently working signed by the sponsoring relative in the format given (for NRI candidates only) in page 67.

• Four recent and identical passport size photographs and one stamp size photograph

### MBA

- Management Test Hall Ticket
- · Management score card
- Degree certificate or Provisional pass certificate issued by the Board/University
- Marks cards of qualifying examination (all semesters years)
- Conduct and Character certificate to be obtained on the College letter head/pad. No other certificate in lieu of this will be accepted
- A notary affidavit (to be prepared and notarised at the place where the sponsoring relative is currently working) signed by the sponsoring relative in the format given (for NRI candidates only) in page 67.
- Four recent and identical passport size photographs and one stamp size photograph

### DM/MCh

- Hall Ticket
- MBBS degree certificate
- Certificate of permanent registration with any state Medical Council in India
- Certificate of completion of compulsory rotatory internship
- MBBS marks cards (all semesters/years)
- Conduct and Character certificate from the head of medical college from which you have graduated
- MD/MS marks cards (all semesters/years) and MD/MS certificate
- Four recent and identical passport size photographs and one stamp size photograph

### **MPhil Nursing**

- Hall Ticket
- BSc Nursing marks cards (all years/semesters)
- BSc and MSc Nursing degree certificate
- MSc Nursing marks cards (all years/semesters)

- RN RM registration certificate
- Conduct and Character certificate to be obtained on the College letter head/pad. No other certificate in lieu of this will be accepted
- Medical fitness certificate from a physician with MD qualification
- No objection certificate from the head of the institution where they are employed granting permission for part time study.
- Four recent and identical passport size photographs and one stamp size photograph

### MPhil Clinical Psychology/Psychiatric Social Work

- Hall Ticket
- Degree certificate/s or provisional pass certificate issued by the Board/ University
- Certificates of Merit/Honour/Awards, if any
- Marks cards (all years/semesters) and certificates of degree course
- Marks cards (all years/semesters) and certificates of the qualifying examination

- Certificate for having done a dissertation in part fulfillment of qualifying examination, if any
- Photocopies of articles published in Scientific Journals, if any
- Conduct and Character certificate issued by the head of the department/institution at postgraduate level
- Four recent and identical passport size photographs and one stamp size photograph

### Certificate - Aesthetic Dentistry/Oral Implantology/ Panchakarma

- Marks cards of qualifying examination (all semesters years)
- Conduct and Character certificate to be obtained on the college letter head/pad
- Degree certificate or provisional pass certificate issued by the Board/University
- Registration certificate
- Internship completion certificate
- Experience certificate, if any
- Four recent and identical passport size photographs and one stamp size photograph

DECLARATION BY SPONSORING RELATIVE (FOR NRI CANDIDATES ONLY)	
I, holder of Indian Passport number residing at	
hereby sponsor Mr/Ms	
application number for postgraduate studies at constituent institution of I	Nanipal University,
Manipal.	
I promise to pay the course fees as applicable for the entire duration of his/her postgraduate course at	Manipal University.
The details of the bank account from which the payment will be made is given below:	1 5
Account Number	
Bank Address:	
Signature of Supporting Relative Seal Relationship	to the Candidate
<b>NOTE:</b> A notary affidavit should be notarized where the sponsoring relative is currently working.	
EXPERIENCE CERTIFICATE (FOR MSc NURSING APPLICANTS ONLY)	
This is to certify that has worked in this institution	on as a staff nurse
from bedded hospital with the following	
2 5	
3	
During his/her stay his/her activities included bed side nursing/ supervision of care/ clinical teachin	g supervision/any
other (strike off what is not applicable). His/her Character and Conduct are	
DateSignatureName and Address of Nursing Su	iperintendent
AUTHORISATION FOR REPRESENTATIVE	
I,, rank son/daughter of being unable to attend the counselling session for admission to	
son/daughter ofwhose photograph is affixed below and who will sign as shown below,	
the counselling. I hereby declare that the choice of course and campus made by this authorised	
be irrevocable and that it will be final and binding on me. This authorised representative will brin	
documents, pay the appropriate fees and complete all the necessary formalities on my behalf.	g all the necessary
REASON FOR ABSENCE	
ARECENT	A RECENT
PASSPORT SIZE	PASSPORT SIZE
PHOTOGRAPH OF THE	PHOTOGRAPH OF THE
CANDIDATE SHOULD BE	REPRESENTATIVE SHOULD BE

A RECENT PASSPORT SIZE PHOTOGRAPH OF THE REPRESENTATIVE SHOULD BE AFFIXED HERE

Signature of Candidate

AFFIXED HERE

Signature of the Representative

### **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. 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 any form.

### **Definition:**

"Ragging" means causing, inducing, compelling or forcing a student, whether by way of a practical joke or otherwise, to do any act which detracts from human dignity or violates his person or exposes him to ridicule or to forbear from doing any lawful act, by intimidating, wrongfully restraining, wrongfully confining or injuring him or by using criminal force to him or by holding out to him any threat of such intimidation, wrongful restraint, wrongful confinement, injury or the use of criminal force. 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".

### 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 is printed in the orientation handbook given by the institution."



### Fees & Hostel

- Course Fee Structure
- Refund Rules
- ID Card
- Medical Facilities
- Stipend
- Hostel Fee Structure
- Hostel Information

MCODS Manipal Ranked No. 1 Dental College - Outlook Magazine, June 2009 WGSHA Manipal Ranked No. 1 consecutively from 2006-09 - Competition Success Review KMC Manipal 4th Best Medical College - Outlook Magazine, June 2009 MIT Manipal 7th Best Private Engineering College - Outlook Magazine, June 2009.



## **Course Fees**

### General category fees (in Rupees)

	COURSES	Duration	Course Fees	Registration fees	Caution Deposit	Total	Second Installment Fees	Third Installment Fees	Fourth Installment Fees	Fifth	Total Course Fees
	MBBS	4.5	427000	10000	7500	444500	447000	474000	502000	266000	2133500
	BDS	5	254000	10000	7500	271500	253000	259000	265000	271000	1319500
	BE	4	153000	10000	7500	170500	156000	166000	176000	-	668500
	B Pharm	4	120000	10000	7500	137500	125000	133000	141000	-	536500
	Pharm D	5	173000	10000	7500	190500 107500	181000	192000	204000	216000	983500
	BSc Biotechnology BHM	3	90000 183000	10000 10000	7500 7500	200500	93000 190000	99000 200000	210000		299500 800500
	BAJC	3	59000	10000	7500	76500	61000	63000	- 210000		200500
	BBA JDM	3	41000	10000	7500	58500	38000	40000	-	-	136500
벁	BBM	3	73000	10000	7500	90500	75000	80000	-	-	245500
UNDERGRADUATE	B Arch	5	153000	10000	7500	170500	156000	166000	176000	186000	854500
ADI	BSc Nursing (Manipal)	4	82000	10000	7500	99500	82000	87000	92000	-	360500
JR/	BSc Nursing (Mangalore)	4	74000	10000	7500	91500	78000	83000	88000	-	340500
ER	BSc Nursing (Bangalore)	4	70000	10000	7500	87500	71000	71000	71000	-	300500
Ð	BPT BOT/ BSc NMT/(BPT Mangalore)	4	88000	10000	7500	105500	87000	92000	96000		380500
5	BASLP	4	80000 89000	10000 10000	7500 7500	97500 106500	85000 87000	90000 92000	95000		367500 285500
	B SC HIA/BSC MIT/B SC MLT/BSC OPT/										
	B Sc RT/B Sc MRT/B Sc CVT/(BASLP Mangalore)	3	80000	10000	7500	97500	85000	90000	-	-	272500
	PC BSc Nursing	2	80000	10000	7500	97500	83000	-	-	-	180500
	B Pharm (Lateral)	3	132000	10000	7500	149500	133000	141000	-	-	423500
	BBA JDM (Lateral)	2	44000	10000	7500	61500	43000	1.1	-	1.1	104500
	BE (Lateral)	3	166000	10000	7500	183500	166000	176000	-	-	525500
	B Sc Applied Sciences	3	75000	10000	7500	92500	77000	81000	-	-	250500
	MD Paediatrics/MS Orthopaedics	3	629000	10000	7500	646500	665000	705000	-	-	2016500
	MD Radiodiognosis	3	772000	10000	7500	789500	816000	865000	-	-	2470500
	MD/MS - Other Courses MD/MS - Non Clinical Courses (Refer - Note 6)	3	552000 423000	10000 10000	7500 7500	569500 440500	583000 446000	618000 473000	-		1770500 1359500
	MDS	3	465000	10000	7500	440500	446000	520000			1493500
	MD Paediatrics/MS Orthopaedics (For Diploma holders)	2	671000	10000	7500	688500	709000	- 520000		-	1397500
	MD Radiodiognosis (for Diploma holders)	2	822000	10000	7500	839500	869000	-	-	-	1708500
	MD/MS Other Courses (for Diploma holders)	2	590000	10000	7500	607500	623000	-	-	-	1230500
	PG Diploma - Child Health/Orthopaedics	2	497000	10000	7500	514500	525000	-	-	-	1039500
	PG Diploma - Radio-diagnosis	2	596000	10000	7500	613500	630000	-	-	-	1243500
	PG: Diploma - Other Courses	2	431000	10000	7500	448500	455000	-	-	-	903500
	PG Diploma - Clinical Pathology	2	328000	10000	7500	345500	346000	-	-	-	691500
	MPT/MASLP	2	143000	10000	7500	160500	140000	-	-	-	300500
	MOT/ M Sc NMT/M Sc OPT/ M Sc MIT	2	118000	10000	7500	135500	115000	-	-	-	250500
	M Sc CVT/ M Sc RT	2	106000	10000	7500	123500	103000	-			226500
Ë	M Sc M L T M Pharm/ M Sc in Advanced Pharmaceutical Sciences	2	93000 164000	10000 10000	7500 7500	110500 181500	90000 172000				200500 353500
GRADUATE	PharmD Post Bacculerate	2	251000	10000	7500	268500	264000	-			532500
₽	MS Communication	2	95000	10000	7500	112500	98000	-	-	-	210500
ម	MCA	3	97000	10000	7500	114500	93000	93000	-	-	300500
POST	MBA	2	232000	10000	7500	249500	242000	-	-	-	491500
2	Integrated BE/BHM/B Pharm - MBA	3	52000	10000	7500	69500	55000	214000	-	-	338500
	MBA Program (Part Time)	3	76000	10000	7500	93500	74000	79000	-	-	246500
	Master of Social Work	2	42000	10000	7500	59500	43000	-	-	-	102500
	Master of Public Health/ M Tech /M Arch /	2	83000	10000	7500	100500	80000	-	-	-	180500
	Dual Degree program in Printing & Media Technology	2	122000	10000	7500	120500	127000				266500
	MS Medical Software/VLSI CAD/Embedded Systems/ /MS IT Management/MS Wireless Embedded Systems	2	122000	10000	7500	139500	127000	-	-	-	266500
	Dual Degree program in MS in Embedded Systems	2	122000	10000	7500	139500	Euro 5,000	-			"139500 &
	Instrumentation/M Sc in Control & Embedded Systems	2	122000	10000	7500	133300	ESIGELEC				Euro 5,000"
	instrumentation/in sem control & Embedded Systems						at France				2410 5,000
	M Sc Medical Courses	3	95000	10000	7500	112500	98000	104000	-	-	314500
	M Sc Biotechnology/Molecular Biology & Human Genetics	2	187000	10000	7500	204500	195000	-	-	-	399500
	M Sc HTM	2	153000	10000	7500	170500	160000	-	-	-	330500
	M Sc Photonics/M Sc Physics	2	42000	10000	7500	59500	39000	-	-	-	98500
	M Sc Chemistry	2	47000	10000	7500	64500	44000	-	-	-	108500
	M Sc Mathematics	2	37000	10000	7500	54500	34000	-	-	-	88500
	Masters in European Studies & Management	2	192000	10000	7500	209500	191000	-			400500
	MS GIR M Sc Biostatistics/ M Sc Technical Courses	2	53000 66000	10000 10000	7500 7500	70500 83500	50000 68000	-			120500 151500
	M Sc Clinical Embryology	3	95000	10000	7500	112500	266000	266000			644500
	M Sc Yoga Therapy	2	26000	10000	7500	43500	26000	-	-	-	69500
	M Sc Medical Radiation Physics/ M Sc HHIA	2	90000	10000	7500	107500	93000	-	-	-	200500
	M Sc Nursing	2	96000	10000	7500	113500	99000	-	-	-	212500
	M Sc Regenerative Medicine	2	297000	10000	7500	314500	206000	-	-		520500
	M Sc Bioinformatics	2	91000	10000	7500	108500	91000	-	-	-	199500
	M Sc Dietetics & Applied Nutrition	2	67000	10000	7500	84500	67000	-	-	-	151500
₩ È	DM/MCh	3	772000	10000	7500	789500	816000	865000	-	-	2470500
SUPER SPECIALITY	MPhil Clinical Psychology/Psychiatry Social Works/	2	49000	10000	7500	66500	50000	-	-	-	116500
S	MPhil Nursing Certificate in Public Health/ Global Health	6 months	30000		1000	31000		-	-	-	31000
₽	Certificate in Oral Implantology	6 montris	30000	- 10000	7500	358500		-			358500
5	Certificate in Aesthetic Dentistry	1	244000	10000	7500	261500	-	-	-		261500
Ë	PG Certificate in Panchakarma	6 months	25000	-	1000	26000	-	-	-	-	26000
CERTIFICATE	Certificate in Animation Technology	6 months	20500	-	1000	21500	-	-	-	-	21500
3	PG Certificate in Advanced Architectural Design	1	103000	10000	7500	120500	-	-	-	-	120500
DIPLOMA	PG Diploma in Gandhian and Peace Studies	1	25000	10000	7500	42500	-	-	-	-	42500
	PG Diploma in Dental Materials	2	142000	10000	7500	159500	150000	-	-	-	309500
DI	PG Diploma in Corporate Communication	1	106000	10000	7500	123500	- 130000	-			123500

Course Fees FOR/NRI category fees (in									(in USD)	
	COURSES	Duration	Course Fees	Registration fees	Total	Second Installment Fees	Third Installment Fees	Fourth Installment Fees	Fifth Installment Fees	Total Course Fees
	MBBS	4.5	29400	300	29700	31000	32900	34900	18500	147000
	BDS	5	17700	300	18000	17800	18200	18700	19200	91900
	B E (E & C/Computer Science/IT/Mechanical /Mechtronics/Aeronautical)	4	7400	300	7700	7700	8200	8700	-	32300
	B E (All other Branches)	4	6300	300	6600	6500	6900	7300	-	27300
	B Pharm	4	4600	300	4900	4600	4800	5000	-	19300
	Pharm D	5	5400	300	5700	5600	6000	6400	6800	30500
	BSc Biotechnology	3	4400	300	4700	4500	4800	-	-	14000
	Bachelor of Hotel Management	4	7000	300	7300	7200	7600	7900		30000
	BBM B Arch	5	4600 6800	300 300	4900 7100	4700 7000	5000 7400	7800	8300	14600 37600
	PC BSc Nursing	2	3900	300	4200	3900	- 1400	- 1800		8100
UNDERGRADUATE	B E (E & C/Computer Science/IT/Mechanical/	3	8200	300	8500	8200	8700	-		25400
ğ	Mechtronics/Aeronautical) (Lateral)	5	0200	500	0500	0200	0,00			23400
ŝ	B E (All other Branches) (Latral)	3	7000	300	7300	6900	7300	-	-	21500
Ě	B Pharm (Lateral)	3	5100	300	5400	4800	5000	-	-	15200
Z	BBA JDM (Lateral)	2	4000	300	4300	3800	-	-		8100
2	BPT/BOT/BSc NMT/BSc Nursing	4	3900	300	4200	3900	4100	4400		16600
	BAJC	3	3800	300	4100	3800	4100	-	-	12000
	BBA - Jewellery Design & Management	3	3600	300	3900	3600	3800	-	-	11300
	BASLP/BSc HIA/BSc MIT/BSc MLT/BSc OPT/BSc RT/	3	3900	300	4200	3900	4100	-	-	12200
	BSc Medical Radiation Technology/B Sc Cardiovascular Technology									
	B Sc Applied Sciences	3	2700	300	3000	2700	2900	-	-	8600
	MD Paediatrics/MS Orthopaedics	3	28900	300	29200	30400	32200	-	-	91800
	MD Radiodiognosis	3	36000	300	36300	37900	40200		-	114400
	MD/MS - Other Courses/MDS	3	26200	300	26500	27500	29100	-	-	83100
	MD/MS - Non Clinical Courses (Refer - Note 6)	3	12300	300	12600	12900	13700	-	-	39200
	MD Pathology	3	19600	300	19900	20600	21800	-	-	62300
	MD Paediatrics/MS Orthopaedics (for Diploma holders)	2	30900	300	31200	32500	-	-	-	63700
	MD Radiodiognosis (for Diploma holders)	2	38400	300	38700	40500	-		-	79200
	MD/MS Other Courses (for Diploma holders)	2	28200	300	28500	29700	-	-	-	58200
	MD Pathology (for Diploma holders) PG Diploma - Child Health/Orthopaedics	2	21000 25000	300 300	21300 25300	22000 26300				43300 51600
	PG Diploma - Radio-diagnosis	2	29900	300	30200	31500				61700
	PG Diploma - Other Courses	2	23300	300	22000	22800	-	-		44800
	PG Diploma - Clinical Pathology	2	11700	300	12000	12200	-	-		24200
	MOT/MASLP/MPT/M Sc NMT/M Sc OPT/M Sc MIT/ M Sc CVT/MSc HHIA/MSc HTM	2	8300	300	8600	8600	-	-	-	17200
POST GRADUATE	MPH/MSc Biostatistics/MSc M L T/MSc Radiation Physics/ MSc RT/MSc Nursing	2	4900	300	5200	5000	-	-	-	10200
R	M Pharm /M Sc in Advanced Pharmaceutical Sciences	2	5600	300	5900	5700	-	-	-	11600
Ĕ	PharmD Post Bacculerate	2	8500	300	8800	8800	-		-	17600
õ	M S GIR/MS Communication	2	4800	300	5100	4900	-	-	-	10000
-	Master of Social Work	2	2700	300	3000	2700	-		-	5700
	MBA	2	9100	300	9400	9300	-	-	-	18700
	Integrated BE/BHM/B Pharm - MBA	3	2900	300	3200	3100	8700	-	-	15000
	M Tech Courses/M Arch /Dual Degree program in	2	6300	300	6600	6500	-	-	-	13100
	Printng & Media Technology MS Medical Software/VLSI CAD/Embedded Systems/	2	5800	300	6100	6200	-	-	-	12300
	MS IT Management/MS Wireless Embedded Systems	2	40.00	200	5200	5000	5200			15500
	MSc Medical Courses/MCA	3	4900	300	5200	5000	5300	-	-	15500
	MSc Biotechnology/M Sc Molecular Biology & Human Genetics	2	8700	300	9000	9000	-			18000
	MSc Regenerative Medicine MSc Clinical Embryology	2	12700 4900	300 300	13000 5200	13300 13300	- 14100	-	-	26300
	MSc Clinical Embryology MSc Mathematics	3	2900 2900	300	3200	2900	- 14100			32600 6100
	M Sc Photonics/ MSc Physics/MSc Yoga Therapy	2	3000	300	3300	3000				6300
	M Sc Chemistry	2	3000 3100	300	3400	3100				6500
	M Sc Technical Courses	2	3300	300	3600	3500	-	-	-	7100
	M Sc Dietetics & Applied Nutrition	2	3900	300	4200	3900	-	-	-	8100
	M Sc Bioinformatics	2	5800	300	6100	5900	-	-	-	12000
SUPER	Psychiatry Social Works/MPhil Nursing / MPhil Clinical Psychology	2	3900	300	4200	3900	-	-	-	8100
щ	Certificate course in Public Health / Global Health	6 months	2500	300	2800	-	-		-	2800
CERTIFICATE	Certificate Course in Oral Implantology: Others	1	12300	300	12600	-	-		-	12600
CERT	Certificate Course in Aesthetic Dentistry: Others	1	9900	300	10200		-		-	10200
	PG Certificate course in Advanced Architectural Design	1	6300	300	6600	-	-	-	-	6600
DIPLOMA	PG Diploma in Gandhian and Peace Studies	1	5000	300	5300	-	-	-	-	5300
DIPL	PG Diploma in Dental Materials	2	8300	300	8600	8600	-	-	-	17200
_	PG Diploma in Corporate Communication	1	4900	300	5200	-				5200

### 72 Prospectus 2010

**NOTE (1):** The course fees, registration fees and caution deposit should be paid by a single demand draft drawn in favour of 'Manipal University'.

**NOTE (2):** Fee remittance - NRI/Foreign category students: Candidates are required to remit the fee in US Dollars by demand draft. Demand drafts must be crossed and Payees A/C only.

**NOTE (3):** 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.

**NOTE (4):** 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 before the commencement of the academic year irrespective of the academic progress of the student.

**NOTE (5):** Expenses for clinical training, fieldwork & thesis work - As part of curriculum, the MPT, MOT, MASLP, MSc MIT, MSc NMT, MSc OPT, MSc CVT and Nursing courses involve extensive community/field work outside Manipal. In addition, all MPT/MOT/MASLP/MSc MIT/MSc NMT/MSc OPT/ MSc CVT 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.

**NOTE (6):** MD/MS (Non Clinical) - Includes Anatomy, Biochemistry, Community Medicine, Forensic Medicine, Pharmacology and Physiology specialties.

PG Medical Diploma (Para Clinical) - Includes Clinical Pathology speciality.

**NOTE (7):** Students of MSc Clinical Embryology course can avail a travel grant not exceeding Rs. 70,000 for undergoing training abroad as approved by the University. Expenditure excluding this amount will be borne by the student.

**NOTE (8):** Fee for Certificate course in Oral Implantology and Aesthetic Dentistry is inclusive of accommodation charges (Double room) and food charges 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) Anytime after admission, but before 10 days from the date of commencement of classes

General Category: Total fees excluding registration fees of Rs.10000 & processing fees of Rs.1000

Foreign/NRI Category: Total fees excluding registration fees of USD 300 & processing fees of USD 200

(ii) Anytime thereafter and within 30 days from the date of commencement of classes

50% of the first installment fees - Refund will be subject to the condition that the seats so vacated is filled up

(iii) After 30 days from the date of commencement of classes

No refund

# (iv) 'REGISTRATION FEES' is not refundable under any circumstances

- 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 refunds 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 from 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.

### **IDENTITY CARD**

Each student is issued an ID card (Combo card). The ID card is valid for the regular duration of the course. ID card is also valid for Medicare facilities for the regular duration of the course. This card will also function as:

- Photo ID card
- Access Control card
- ATM & Debit card

Among the other things, the card will also facilitate the following:

- Fee, Library and Cafeteria payments
- · Convenience of Anywhere and Anytime Banking

If a student fails in the final examination and continue his/ her studies beyond the period specified for the course, the student must renew the ID card by paying the required ID/ Medicare fee.

**LOSS OF ID CARD:** If a student for any reason loses the ID card, the loss of ID card must be brought to the notice of the Admissions Office in writing along with the copy of police complaint. The duplicate/ replacement ID card will be issued on payment of Rs.500.

### **MEDICAL FACILITIES FOR STUDENTS/INTERNS**

Medicare scheme applies to all bonafide students of the University for the entire duration of the course.

Student ID is valid for availing Medicare facilities in the associated hospitals of the University for the regular duration of the course.

The students will be covered under Medicare from the date of commencement of classes.

If the student does not renew the ID card on expiry, the ID card cannot be used for Medicare facilities and renewal may be approved after collecting the renewal fee for the default period. But coverage for Medicare will begin only after one month from the date of payment of renewal fee.

Interns have to renew their cards before joining for internship by paying prescribed Medicare Fee.

### FAMILY COVER

Specific provision is available to give Medicare cover to the spouse and unmarried dependent children of a postgraduate student.

i. The premium for the entire period is payable in advance at the time of admission itself. If students get married/beget children subsequently, the premium is to be paid within one month from the date of marriage/child birth.

ii. Applications for granting family cover will not be entertained any time after admission or after the expiry of one

month from the date of marriage or child birth, whichever is later. Subsequent enrolment may be approved at the sole discretion of the University. In such cases, coverage will begin after one month from the date of payment.

### BENEFITS

NRI/FOREIGN CATEGORY STUDENTS:

- i. General hospitalization (including drugs, blood excluding diet) in special ward (Plan A).
- ii. Outpatient benefits (excluding drugs, materials etc.)

GENERAL/OTHER CATEGORY STUDENTS:

- i. General hospitalization (including drugs, blood excluding diet) in semi-special ward (Plan B).
- ii. Outpatient benefits (excluding drugs, materials etc.)

NOTE: If a student is admitted to higher type of ward than eligible as per Medicare they have to pay the difference in the bill of the ward occupied and eligible.

**PARTICIPATING HOSPITALS:** Medicare benefits are provided at any of the following hospitals on production of Medicare Card/Identity Card:

Kasturba Hospital, Manipal

Dr TMA Pai Hospital, Udupi

Dr TMA Pai Rotary Hospital, Karkala

KMC Hospital, Attavar, Mangalore

Manipal Goa Cancer & General Hospital, Goa

### **STIPEND**

All the DM and MCh students will be paid a monthly stipend of Rs. 8,500 in first year, Rs.9,500 in second year and Rs.10,500 in third year.

All MD, MS, PG Diploma, MDS students (including those joining under the service agreement scheme) will be paid a monthly stipend of Rs.6,000 in first year, Rs.6,500 in second year and Rs.7,000 in third year.

BPT, BOT, BSc MLT, BSc RT, BSc MRT, BSc CVT, BASLP, BSc OPT, BSc MIT, BSc Nursing students doing internship in any of the hospitals of Manipal University will be paid a monthly stipend of Rs.1,000 and MBBS, BDS students will be paid a monthly stipend of Rs.1,500 during the period of internship.

The fees and refund information given above is indicative and Manipal University reserves the right to make changes. Any changes in the above will be informed separately.

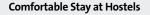
### HOSTEL INFORMATION

The hostel provides a cot, a mattress, a study table, a chair and a cupboard for each student. Every hostel has uninterrupted electricity, solar heated water facility, water cooler, 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 caters variety of food to suit all tastes.

First year students will be provided double/triple rooms only. However, first year students who desire to have AC rooms may reserve their names with Chief Warden at the time of counseling. NRI/Foreign student 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 waiting list seniority.

Complete safety and security inside the Hostels and the campus 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 all students stay in the University Hostels. It is mandatory for all first year students to reside in the Hostels. However, first year 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.





# Hostel Fees (in Rupees)

NAME OF THE HOSTEL	TYPE OF HOSTEL ACCOMMODATION	ANNUAL HOSTEL FACILITIES FEE	HOSTEL DEPOSIT	ANNUAL UTILITY CHARGES	TOTAL	
	I. AC HOSTE	LS				
A) MANIPAL UNIVERSITY HOSTELS, MANIPAL						
S Chandrashekar Hostel	Single	106,200	50,000	33,000	189,200	
S Chandrashekar Hostel	Double	58,200	30,000	33,000	121,200	
New AC Hostel - AC Rooms	Single	60,000	30,000	30,000	120,000	
New AC Hostel - Non AC Rooms	Single	50,400	25,000	15,000	90,400	
Indira / Charaka Hostel / Nehru Mess Complex	Single	63,000	30,000	30,000	123,000	
Indira / Charaka Hostel / Nehru Mess Complex	Double	36,900	15,000	25,000	76,900	
New Block Indira & Old Block Sonia/Sharada	Single	53,400	25,000	30,000	108,400	
New Block Sonia/Sharada	Single	58,200	30,000	30,000	118,200	
Indira Mess Complex	Single	58,200	30,000	30,000	118,200	
New Block Sonia/Sharada - Non AC Rooms	Single	47,400	20,000	15,000	82,400	
Indira Hostel - Non AC Rooms	Single	47,400	20,000	15,000	82,400	
Indira Hostel - Non AC Rooms	Double	26,400	15,000	15,000	56,400	
Sharada (NBQ Guest House)	Double	26,400	15,000	25,000	66,400	
New Chandrashekhar Hostel	Single	90,000	40,000	30,000	160,000	
New Chandrashekhar Hostel - Non AC Rooms	Single	75,000	30,000	15,000	120,000	
B) MIT HOSTELS, MANIPAL	1	r				
Regency Hostel	Single	63,000	30,000	30,000	123,000	
Regency Hostel	Double	36,900	15,000	25,000	76,900	
Single Room AC - New Hostels (XIII Block)	Single	63,000	30,000	30,000	123,000	
Single Room Non AC- New Hostels (XIII Block)	Single	53,400	25,000	15,000	93,400	
Double Room AC - New Hostels (XIII Block)	Double	36,900	15,000	25,000	76,900	
Double Room Non AC - New Hostels (XIII Block)	Double	31,800	15,000	15,000	61,800	
Single Room AC (XII) Block	Single	63,000	30,000	30,000	123,000	
Double Room AC (XII) Block	Double	36,900	15,000	25,000	76,900	
XIV/XV Block	Single	63,000	30,000	30,000	123,000	
XIV/XV Block - Non AC Rooms	Single	53,400	25,000	15,000	93,400	
XIV/XV Block	Double	36,900	15,000	25,000	76,900	
XIV/XV Block - Non AC Rooms	Double	31,800	15,000	15,000	61,800	
Ojas II Double Room AC	Double	36,900	15,000	25,000	76,900	

TYPE OF HOSTEL ACCOMODATION	ANNUAL H	OSTEL FEES	HOSTEL	ANNUAL UTILITY	TOTAL
	COMMON BATH	ATTACHED BATH	DEPOSIT	CHARGES	
II NON AC HOSTELS ( MANIPAL UNIVERS	ITY HOSTELS - MAI	NIPAL & MIT HOSTEL	S MANIPAL 8	MIRM HOSTELS BAN	GALORE
c' l D		25.200	7.500	15.000	47 700
Single Room	_	25,200	7,500	15,000	47,700
(Each room with Independent toilet)		21.000	7.500	15.000	44.100
Single Room	_	21,600	7,500	15,000	44,100
( two rooms attached with one toilet)	15 (00)		7.500	15.000	20.100
Single Seater	15,600		7,500	15,000	38,100
Single Seater ( in Khorana Block,	20,400		7.500	15.000	42,000
Manipal University Hostels, Manipal) Double Seater	20,400	21.000	7,500	15,000	42,900
		21,900	7,500	15,000	44,400
(each room has indepnedent toilet)		10.000	= = = = =	45.000	11 700
Double Seater		19,200	7,500	15,000	41,700
( each room has indepnedent toilet)					
Double Seater	14,400		7,500	15,000	36,900
Three Seater	11,400		7,500	15,000	33,900
Three Seater		14,400			36,900
Single Seater with common bath 'D' block/	15,600		7,500	15,000	38,100
'D' type quarters (MIT Hostels)					
Double Seater with common bath 'D' block/	7,800		7,500	15,000	30,300
'D' type quarters ( MIT Hostels)					
Small Double Common in XI Block	18,000		7,500	15,000	40,500
(MIT Hostels)					
Small Double Common in X Block	9,000		7,500	15,000	31,500
( MIT Hostels)					
Single Converted Double Rooms		27,000	15,000	15,000	57,000
Single Seater ( MIRM Hostels)		100,320	25,080		1,25,400
Double Seater ( MIRM Hostels)		60,900	15,225		76,125
III NON AC HOSTELS IN WGSHA					
Double Seater		21,900	7,500	12,000	41,400
( Each room has independent toilet)					

NOTE: 1. Single occupancy of a double seater room will be considered as a single seater room and the occupant will pay the hostel facilities fee as applicable to 2 occupants

At Manipal campus first year students are generally allotted hostel as follows:-

COURSE	BOYS	GIRLS
MBBS, BDS, B Pharm & B Sc Biotechnology	Nehru Hostel 'A' Block (Double Attached Non A/C Hostel)	Indira Hostel (Ground Floor) (Double/Single Attached Non A/C Hostel)
UG-Allied Health	C V Raman (Double Common Non AC Hostel)	Kamaraj (Double/Triple Common Non AC Hostel)
Nursing	C V Raman (Double Common Non AC Hostel)	NTS (Double Attach/Double Common Non AC Hostel)
MD	New Bachelor Quarters*	Sonia Hostel* (Single Attach Non AC Hostel)
MDS	(Double Attach/Double Common Non AC Hostel)	Sharada Hostel* (Single Common Non AC Hostel)
MSc Medical/MPharm/MSc/PC BSc Nursing/ PG - Allied Health /MSc Biotech	CVR/Nehru - D Block (Double Common Non AC Hostel)	Valley Flat/Staff Quarters** (Non AC Rooms)

NOTE: The above is a general guideline. \*Depending on availability, students may be allotted any hostel. All the candidates admitted to BHM, MSc HTM, MSc IHTM and PG Diploma in Dietetics will stay in WGSHA hostels only.

\*\* Hostel accommodation may be provided if available.

### NAME OF THE HOSTEL AT MANGALORE

				Iostels N	ANNUAL		
NAME OF THE HOSTEL	TYPE OF ACCOMMODATION	HOSTEL DEPOSIT	ANNUAL RENT	UTILITY	MESS ADVANCE	TOTAL	APPLICABLE FOR
Hos	tel Fees for <u>First</u>	Year Un	dergradı	uate Stude	ents (Amo	ount in Ru	pees)
Bejai New Hostel (	Double Seater AC Attached Bath	15,000	36,900	25,000	18,000	94,900	
Girls & Boys)	Double Seater Non - AC Attached Bath	15,000	31,800	12,000	18,000	76,800	MBBS & BDS (FIRST YEAR)
Bejai Hostel 'A','B1' (Girls only)	Double Seater Non - AC Attached Bath	7,500	21,900	9,000	18,000	59,400	
Block 'B2' (Girls only)	Double Seater Non - AC Common Bath	7,500	14,400	12,000	18,000	51,900	BPT, BASLP, M.Sc, B.Sc Nursing (First Year)
Block 'C' (Boys only)	Three Seater Non - AC Common Bath	7,500	11,400	12,000	18,000	48,900	BPT, BASLP, B.So Nursing (First Year)
Hostel Fees for	Second Year onwa	ards 'Unde	ergraduat	e & Post G	raduate' Si	tudents (A	
NAME OF THE HOSTEL	TYPE OF ACCOMMODATION	HOSTEL DEPOSIT	ANNUAL RENT	ANNUAL UTILITY ADVANCE	ANNUAL MESS ADVANCE	TOTAL	APPLICABLE FOR
Strurrock (Boys & Girls)	Single Seater AC						Both UG & PG
Kaprigudda Annex 'B' (Boys)	Attached Bath	30,000	63,000	30,000	18,000	1,41,000	UG
Nandagiri (Girls)	Double Seater AC Attached Bath	15,000	36,900	25,000	18,000	94,900	MBBS
Priya PG (Girls)	Single Seater Non AC Attached Bath	7,500	25,200	12,000	18,000	62,700	All PG
Falnir PG (Boys)	Single Seater Non AC 2 rooms Attached one Bath	7,500	21,600	12,000	18,000	59,100	All PG
Falnir PG (Boys) Priya PG (Girls) Nandagiri (Girls)							All PG All PG MBBS
Attavar (Girls)	Double Seater Non - AC	7,500	21,900	12,000	18,000 59,400		BDS, BPT, BASLF
Kaprigudda Annex 'B' (Boys) Kaprigudda Annex 'C' (Boys)	Attached Bath						BDS, BPT, BASLP, BBS
Falnir PG (Boys)							All PG
Attavar (Girls)	Double Seater Non AC 2 rooms Attached one	7,500	19,200	12,000	18,000	56,700	BDS,BPT,BASLP
Kaprigudda Annex 'C' (Boys)	Bath						MBBS
Kapprigudda 'A' (Boys)	Double Seater Non- AC Common Bath	7,500	14,400	12,000	18,000	51,900	BDS
Kaprigudda Main (Boys)	Three Seater Non - AC Common Bath	7,500	11,400	12,000	18,000	48,900	MBBS

**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

### ALLOTMENT OF ROOMS

- 1. All students are required to bring 3 passport size photgraphs for hostel admission at the time of counselling.
- 2. The hostel facilities fee/deposit may be paid at the time of counselling or registration/admission.
- 3. Every attempt will be made to provide hostel accommodation to all students. Students of the senior classes may be permitted to stay in private houses of relatives or friends with the prior permission of the Dean/Director and written consent of parent/guardian. The application must be submitted in the prescribed form and approval must be obtained before taking up residence outside the campus.
- 4. It is mandatory for all first year students to stay in the hostels and be a member of the mess in the hostel. 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 hostel fees less deposit and utilized utility fees 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 pair up with a student of their choice within 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 will 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

 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 and is given at page 60. 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:
  - MAHE HOSTELS made payable at Manipal/Udupi for Manipal University hostels
  - MAHE HOSTELS made payable at Mangalore for Mangalore hostels
  - MIT HOSTELS made payable at Manipal/Udupi for MIT hostels
  - WGSHA made payable at Manipal/Udupi for WGSHA hostels

• STEMPEUTICS RESEARCH PVT. LTD. made payable at Bangalore for MIRM hostels

### HOSTEL FACILITIES FEE REFUND

(This is not applicable to first year students)

- a. Hostel facilities fee refund is considered on monthly basis Charging on daily basis for overstay beyond one month is not permitted and such overstay will be considered as full month stay.
- b. This rule is applicable to all the hostels AC/Non AC hostels and all Students/Interns/PG cum tutors.
- c. This rule will be strictly complied with and no representations from students will be entertained.
- d. Students vacating the hostel must submit to the Hostel Accounting Office a hostel vacating form duly approved by the Chief Warden along with no dues certificate from the mess.

In all cases, where the student is shifting from one hostel to another hostel, the date of allotment of room in all the above cases will be the date of initial hostel allotment and not the shifting date.

### UTILITY CHARGES

- 1. Utility charges (including electricity, water, cleaning, maintenance and salary of hostel employees) will be collected annually along with hostel facilities fee. The actual bill towards these utilities will be announced monthly. The student will be required to pay any increase in the actual charges as compared to the amount collected in advance. Any amount collected in excess after ascertaining the actual charges will be adjusted against the charges for the subsequent period.
- 2. In case of short duration of stay not exceeding one month, the utility charges will be charged on the following basis:
  - Charges will be for 1 week for stay upto 1 week or less
  - Charges will be for 2 weeks for stay from 1 week to 2 weeks
  - Charges will be for one month for stay from 2 weeks to 1 month
- 3. Electricity charges for specified equipment/gadgets will be collected monthly in addition to the regular utility charges. The schedule of such charges is published at the commencement of each academic year. Students will take written permission from the Chief Warden for using any specified equipment/gadget in their rooms. No such equipment/gadget will be used without the written permission and will be confiscated if found.

### HOSTEL MESS AND CAFETERIA

 All members of the hostel will automatically be the members of the mess. Mess charges will be collected annually along with hostel facilities fees & utility charges. 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 campus that is earlier Food Court Mess or RKHS Mess. Students, who wish to become members of FOOD COURT MESS that is run by the University, are required to pay annual mess advances mess charges.

The details of the charges are as below:

Food court Mess at Manipal campus	Rs 17,000
Messes at MIT campus	Rs 17,000
Messes at Mangalore campus	Rs 18,000
Mess at WGSHA	Rs 18,000

2. Payment towards annual mess charges may be made by demand draft in favour of the following

MAHE HOSTELS made payable at Manipal/Udupi for Food court mess at Manipal campus

MAHE HOSTELS made payable at Mangalore for messes at Mangalore campus

MIT HOSTELS made payable at Manipal/Udupi for messes at MIT campus

- 3. Delayed payments 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.
- 4. The actual mess bill will be announced every month and would be appropriated against the advance collected. Students will be required to pay any increase in the actual charges as compared to the amount collected in advance. The amount collected if found is excess after ascertaining the actual bill will be adjusted against the charges for the subsequent period or refunded.
- 5. Students at Manipal campus may also become members of RKHS (an outsourced agency) mess. In that case terms and conditions of RKHS mess will be followed. Their main mess is in NBQ Hostel Complex with one dining hall in Indira Hostel.
- 6. In addition to the above messes, a modern Food Court is centrally located where a variety of cuisine is available on cash payment.

### **CHANGE OF ROOMS**

- 1. A change of accommodation from one category to another will be allowed only at the beginning of each quarter in a calendar year.
- A remission in the hostel facilities fee will be given when the student is allowed to move into a lower category of accommodation. Similarly, the difference in hostel facilities fee will be collected when a student is allowed to move into a higher category of accommodation.
- The student must submit to the hostel accounting office the prescribed form for shifting into a different category of hostel accommodation duly signed by the Chief Warden.

### **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 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 ALL TYPES 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.

### **HOSTELS IN MANIPAL CAMPUS**

- S Chandrashekar Hostel
- New S Chandrashekar Hostel
- New AC Hostel
- C V Raman Block
- Rabindranath Tagore Block
- Charaka Hostel
- Nehru Blocks A, B, C and D
- New BQ
- Khorana Block
- Sharada Block including New AC Block
- Indira Block
- Sonia Block including New AC Block
- PG Block
- Kamraj Block
- Rajaji Block
- Sarojini Hostel (Old and New)
- Regency Hostel
- Netaji Subhas Bose Block
- Old Ladies Hostel
- New Ladies Hostel
- MIT Hostels, Blocks I to X
- MIT Hostels, Blocks D & K
- WGSHA Hostel

### **HOSTELS IN MANGALORE CAMPUS**

- Attavar Ladies Hostel
- Bejai Ladies Hostel
- Falnir Boys PG Hostel
- Kapriguda Annexe Boys Hostel
- Lalbagh Boys Hostel
- Nandagiri Ladies Hostel
- Priya Ladies PG Hostel
- Sturrack Road Ladies Hostel





Freeships Scholarships **FREESHIPS:** Candidates admitted to MBBS course within the first 500 ranks and BDS, BE, BPharm courses within the first 1000 ranks of the respective merit list are offered 100% freeship. Such freeships are limited and the numbers will be as decided by the University.

The freeship will cover only the course fee payable for the particular course of study. The candidate will however be required to pay the registration fee and caution deposit payable at the time of admission. The freeship will not cover the expenses such as hostel accommodation, books etc.

<u>NOTE</u>: The award of the freeship for the subsequent years will be based on the performance of the candidate in the university examinations.

Candidates admitted to MTech Software Engineering course will also be offered 100% freeship for the entire course. This freeship is sponsored by top IT MNCs.

#### **SCHOLARSHIPS**

With the objective of encouraging meritorious students and academic excellence, many scholarships are offered for 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.

**PHILIPS SCHOLARSHIP:** Philips has instituted 10 scholarships, each upto Rs. 4 lakhs, for those admitted to MS Embedded Systems and MTech Computer Science & Engineering courses.

**GE SCHOLARSHIP:** MIT and MCIS are listed under the GE scholarship programme. Every year, 2 students each of MTech - Energy Management, Auditing & Lighting and MS - Medical Software get this scholarship. The scholarship covers the complete expenses including fees, accommodation and other expenses. The selection of students for these scholarships is based on GE guidelines.

HARISH B FUND SCHOLARSHIP: Manipal University has also instituted 3 scholarships for MCIS students in the name of late director Prof. Harish B, for the students of MS VLSI CAD, MS Medical Software and MS Embedded Systems.

AICTE SCHOLARSHIP: AICTE has introduced the scheme on tuition fee (course fees includes tuition and other fees) waiver for women, economically backward and physically handicapped meritorious students to Bachelor's programmes in Engineering, Pharmacy and Hotel Management. The proposed scheme will be applicable only to the students with parents' annual income (from all sources) less than Rs. 2.5 lakhs. Eligible candidates should produce the family income certificate by the concerned Teshildar or attested photocopy of the Income Tax return form. Such scholarships are subject to availability and will not exceed 10% of the total intake.

<u>NOTE</u>: As the number of scholarship has been considered based on the intake of the particular BE branch, if any student changes the branch in the second year then he/she is not eligible for the scholarship.

In pursuance of the policy framework for promotion of postgraduate education and research in Engineering & Technology of MHRD, AICTE provides financial assistance to the GATE qualified students enrolled for MTech/MPharm courses.

**ISLE SCHOLARSHIP:** The Indian Society of Lighting Engineers offer TWO scholarships to the students admitted to MTech Energy Management, Auditing & Lighting and TWO more, to the students of final year B E (E & E) branch, every year. These scholarships are sponsored by Philips India Ltd. (Two), Bajaj Electricals Ltd. (One) and Thorn Lighting India (One).

**ITC SCHOLARSHIP:** ITC Hotel Limited has also instituted scholarship worth Rs. 3.5 lakhs to the BHM students excelling in operational subjects and for the best all round graduating student.

**TEACHING ASSISTANTSHIPS:** Teaching assistantships are available to meritorious students joining MTech & MS Courses with a monthly remuneration of upto Rs. 5000.

SCHOLARSHIP FOR KONKANI SPEAKING STUDENTS: 10% tuition fee waiver for admission to all courses of Manipal University for Konkani Speaking students only. They have to pay other fee as well as remaining tuition fee. Eligible students need to apply separately after the admission. However, these candidates should pay the full fee at the time of admission and the fee waiver will be given separately after scrutinizing their eligibility.

**MAULANA AZAD NATIONAL SCHOLARSHIP:** The Maulana Azad Education Foundation (MAEF) offers scholarships to the meritorious girl students belonging to national minorities (ie. Muslims, Christians, Buddhists, Sikhs). To be eligible, the candidate should have secured not less than 55% aggregate in 10+2 and the income of the parent should be less than Rs. 1 lakh per annum. For more information, visit www.maef.nic.in.

**SBI SCHOLAR LOAN:** SBI has offered to provide student loans at concessional rates to students studying in Manipal University. Loans upto Rs.7.50 lakh is offered without any collateral in the name of Student and Parent / Guardian. At present, this facility is available only to those admitted to Kasturba Medical College (KMC), Manipal and Mangalore. Plans are on the unveil to extend the facility to the students of other institutions also.

**SBI STUDENT LOAN:** SBI considers all other Students also, studying at Manipal University as preferential customer in providing Education Loans at SBI branches nearer to their native places.

Details can be had from SBI website www.statebankofindia. com or www.sbi.co.in. Also, queries can be made to SBI, Manipal branch"sbi.04426@sbi.co.in" or"0820 4291141"

SYNDVIDYARTHI:Syndicate Bank is introducing 'Syndvidyarthi', a standby Overdraft facility for non local students of 18 years of age and above pursuing professional courses. Coverage under this scheme can be provided to all eligible students irrespective of whether or not they have availed an education Loan from Syndicate bank or any other banks.

It is not just a loan facility, it is a financial convenience at prime lending rate upto quantum of Rs. 10000/-.

The purpose is to meet the recurring expenses of contingent nature that may have to be incurred by non-local students pursuing professional courses

A no frills, zero balance savings bank account, similar to SyndSamanya, shall be opened under the head 'SyndVidyarthi' by the eligible student in which account debits upto the sanctioned limit may be permitted. The students availing this facility will also be issued debit cards for operating the account provided the branch opening the account is authorised to issue debit cards.

Visit www.syndicatebank.in for more details.

# Experience the Manipal journey Get Inspired by Life





### Form Filling Instructions

- Group & Course codes
- Form Filling Instructions

## Group and Course Codes

GROUP CODE	COURSES	COURSE CODE	ENTRANCE FEE
	MBBS	999	
	BDS	998	
	BPharm (eligibility PCB)	997	
	PharmD (eligibility PCB)	996	
	MBBS & BDS	995	
	MBBS & BPharm	994	
	MBBS & PharmD	993	
01	BDS & BPharm	992	Rs.1000
	BDS & PharmD	991	
	BPharm & PharmD	990	
	MBBS, BDS & BPharm	989	
	MBBS, BDS & PharmD	988	
	MBBS, BPharm & PharmD	987	
	BDS, BPharm & PharmD	986	
	MBBS, BDS, BPharm & PharmD	985	
	BE	984	
	BPharm (eligibility PCM)	983	
	PharmD (eligibility PCM)	982	
02	BE & BPharm	981	Rs.1000
	BE & PharmD	980	
	BPharm & PharmD	979	
	BE, BPharm & PharmD	978	
	ВНМ	977	
	BAJC	975	
	BBM	974	
03	BHM & BAJC	972	Rs.1000
	BHM & BBM	971	
	BAJC & BBM	968	
	BHM, BAJC & BBM	965	
04	BArch	962	
05	PC BSc Nursing	961	Rs.1000
06	Lateral BE - Mechanical group (Mechanical, Mechatronics, Industrial Production, Automobile, Aeronautical)	960	D- 1000
	Lateral BE - Electrical group (Biomedical, Electrical & Electronics, Electronics & Communication, Instrumentation & Control, Mechatronics)	959	Rs.1000
07	Lateral BE - Civil group (Civil)	958	Rs.1000
08	Lateral BE - Printing group (Printing)	957	Rs.1000
09	Lateral BE - Computer group (Computer Science, Information Technology)	956	Rs.1000
10	Lateral BE - Chemical group (Chemical, Biotechnology)	955	Rs.1000
11	Lateral - BPharm	954	
12	Lateral - BBA JDM	953	
13	BSc Nursing	952	

GROUP CODE	COURSES	COURSE CODE	ENTRANCE FEE
14	BSc Biotechnology	951	
	Allied Health Courses	950	
	BSc HIA	949	
	BBA JDM	948	
15	Allied Health Courses & BSc HIA	947	
	Allied Health Courses & BBA JDM	946	
	BSc HIA & BBA JDM	945	
	Allied Health Courses, BSc HIA & BBA JDM	944	
16	MD, MS, PG Medical Diploma	943	Rs.1000
	MDS	942	
17	PG Diploma in Dental Materials	941	Rs.1000
	MDS & PG Diploma in Dental Materials	940	
18	MPT	939	Rs.1000
19	МОТ	938	Rs.1000
20	MASLP	937	Rs.1000
21	MSc MLT	936	Rs.1000
22	MSc OPT	935	Rs.1000
23	MRT	934	Rs.1000
	MPharm	933	
	MSc in Advanced Pharmaceutical Sciences	932	1
	PharmD Post Baccalaureate	931	1
24	MPharm & MSc in Advanced Pharmaceutical Sciences	930	Rs.1000
	MPharm & PharmD Post Baccalaureate	929	K3.1000
	MSc in Advanced Pharmaceutical Sciences & PharmD Post Baccalaureate	928	1
	MPharm, MSc in Advanced Pharmaceutical Sciences & PharmD Post Baccalaure- ate	927	
25	MSc Nursing	926	Rs.1000
	MSc MIT	925	
26	MSc NMT	924	
	MSc MIT & MSc NMT	923	
27	MSc CVT	922	
28	MS GIR	921	
29	МСА	920	Rs.1000
	MS Communication	919	
30	PG DCC	918	Rs.1000
	MS Communication & PG DCC	917	1
31	МВА	916	
	MBA(Part Time)	915	
32	Master In European Studies And Management (MESM)	914	Rs.1000
33	Master of Social Work	913	Rs.1000
34	Master of Public Health	912	
35	MTech Software Engineering	911	Rs.1000

GROUP CODE	COURSES	COURSE CODE	ENTRANCE FEE
36	MTech (Computer Science and Engineering, Digital Electronics and Advanced Communication, Network Engineering, Microelectronics) MS (Medical Software, VLSI CAD, Embedded Systems, VLSI CAD (AXIOM) & Embedded Systems (Dual Degree), wireless embedded systems )	910	Rs.1000
	MTech (CAMDA, Manufacturing Engineering and Technology, Environmental Engineering)	909	
37	MTech Industrial Biotechnology	908	
	MTech (Construction Engineering, Geoinformatics, Environmental Engineering & Structural Engineering	907	
38	MTech (Astronomy & Space Engineering, Biomedical Engineering, Control Systems, Energy Management Auditing and Lighting, Power Electronic Systems and Control)	906	
39	M Tech(Nuclear Engineering, Chemical Engineering & Environmental Engineer- ing)	905	
40	MTech (Printing and Media Technology, Engineering Management) & Masters in Printing and Media Technology (Double Degree)	904	
41	MS IT Management	903	
	MArch Advance Design	902	
42	PG CAAD	901	
	MArch Advance Design & PG CAAD	900	
	MSc Medical (Anatomy, Physiology, Biochemistry, Microbiology, Pharmacology & Clinical Embroylogy)	899	Rs.1000
43	MSc Medical (Biotechnology, Molecular Biology and Human Genetics & Regenerative Medicine)	898	Rs.1000
	MSc Medical (Anatomy, Physiology, Biochemistry, Microbiology, Pharmacology, Clinical Embroylogy, Biotechnology, Molecular Biology and Human Genetics & Regenerative Medicine)	897	Rs.1000
44	MSc Medical Radiation Physics	896	
	MSc Yoga	895	
	MSc HHIA	894	
	MSc in Dietetics & Applied Nutrition	893	
45	MSc Yoga & MSc HHIA	892	
	MSc Yoga & MSc in Dietetics & Applied Nutrition	891	
	MSc HHIA & MSc in Dietetics & Applied Nutrition	890	
	MSc Yoga, MSc HHIA & MSc in Dietetics & Applied Nutrition	889	
46	MSc Biostatistics	888	
47	MSc in Bioinformatics	887	
	MSc Physics	886	
	MSc Mathematics	885	
	MSc Chemistry	884	
48	MSc (Physics & Mathematics)	883	
	MSc (Physics & Chemistry)	882	
	MSc (Mathematics & Chemistry)	881	
	MSc (Physics, Mathematics & Chemistry)	880	
49	MSc Technical (Digital Design and Embedded Systems & Information Science)	879	
50	MSc HTM	878	Rs.1000

GROUP CODE	COURSES	COURSE CODE	ENTRANCE FEE
51	MSc Photonics	877	
52	DM Cardiology	876	Rs.1000
	DM Neurology	875	KS.1000
	MCh Neuro Surgery	874	
53	MCh Urology	873	Rs.1000
	MCh Paediatric Surgery	872	KS.1000
	MCh Cardiothoracic Surgery	871	
54	MPhil Clinical Psychology	870	Rs.1000
55	MPhil Psychiatric Social Work	869	Rs.1000
56	MPhil Nursing-Part Time	868	Rs.1000
	Oral Implantology	867	
57	Aesthetic Dentistry	866	
	Oral Implantology & Aesthetic Dentistry	865	
58	Panchakarma	864	
59	Animation Technology	863	
60	BSc Applied Sciences	862	
61	PG Diploma in Gandhian and Peace Studies	861	
62	Certificate courses in Public Health & Certificate course in Global Health	860	

### FORM FILLING INSTRUCTIONS

- Each applicant should submit only one application for a given group
- Please refer to the itemwise 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 or SBI challan must be kept loose
- The entrance test fees can be remitted through any one of the following 2 modes of payment:
- 1. SBI Challan The challan is available along with the prospectus. The payment through challan should be remitted only at the State Bank of India branches. OR
- 2. 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.

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, MR. RAVIRAJ VIRAJ BHAGHI should be written as:

R	Δ	V	I	R	Δ	Т	V	1	R	Δ	I	R	н	Δ	G	н	
IX.		v	1	ĸ	~	J	v		IX.		J	U			U		

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, 23rd November 1993 should be written as:



3. SEX: Tick the appropriate box only.



FEMALE

4. COURSE GROUP: Refer to the list given in page 88 - 91 for course group codes.

For example, an applicant for MBBS, BDS & BPharm courses, should write as:



5. COURSE/S: Refer to the list given in page 88 - 91 for course codes.

For example, an applicant for MBBS, BDS & BPharm courses, should write as:

|--|

6. CATEGORY: Refer to the table given below for category codes.

For example, an applicant seeking admission under general category, should write as:

0 1
-----

### **CATEGORY CODES**

CATEGORY	CODES
GENERAL	01
FOREIGN	02
NRI	03

7. TEST CENTRE: Refer to the table given below 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

1	3	0	3

CHOICE 1 CHOICE 2

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 ENAT Booking System.

TEST CENTRE	CODES
AHMEDABAD	1
ALLAHABAD	2
BANGALORE	3
BHOPAL	4
BHUBANESHWAR	5
CHANDIGARH	6
CHENNAI	7
COIMBATORE	8
DELHI	9
ERNAKULAM	10
GANGTOK	11
GUWAHATI	12
HYDERABAD	13
JAIPUR	14

TEST CENTRE	CODES
JAMSHEDPUR	15
KANPUR	16
KOTA	17
KOLKATA	18
LUCKNOW	19
MANIPAL	20
MANGALORE	21
MUMBAI	22
PATNA	23
PUNE	24
RANCHI	25
VARANASI	26
VIJAYAWADA	27

8. NAME OF THE PARENT/GUARDIAN: Write the name of your parent or guardian.

For example, MR. VIRAJ P BHAGHI should be written as:

V I R A J P B H A G H	
-----------------------	--

9. 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,

MR. RAVIRAJ V BHAGHI

S/O VIRAJ P BHAGHI

H NO. 110, VII MAIN, V CROSS

MADHAVA LAYOUT

MADHAV NAGAR, MANIPAL - 576104

Write as shown below (use the three lines given to fill up the information appropriately).

ADDRESS FOR CORRESPONDENCE (DO NOT REPEAT NAME)

Н		Ν	0		1	1	0		V	I			M	Α		Ν		V		С	R	0	S	S	
	•			•					•	N															
Μ	А	D	H	A	V	Α		L	A	Y	0	0	T												
Μ	А	D	Н	Α	V		Ν	Α	G	Α	R		M	А	Ν	I	Ρ	Α	L						

10. CITY: Fill up your city name.

For example, the city Manipal should be written as:



11. **STATE:** Refer to the table given below for state codes.

For example, the state Karnataka should be written as:

|--|

STATE CODE	STATE NAME
1	Andaman & Nicobar (U.T.)
2	Andhra Pradesh
3	Arunachal Pradesh
4	Assam
5	Bihar
6	Chandigarh (U.T.)
7	Chhattisgarh
8	Dadra & Nagar Haveli (U.T.)
9	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	Uttaranchal
35	West Bengal
36	International

12. PINCODE: Fill up with the appropriate 6-digit Pin code. For example, the Pin code 576104 should be written as:



13. STD CODE: Fill up the STD code in the boxes provided, use zero prefixed to the STD code. For example, the STD code for Manipal 0820 should be written as:



14. **TELEPHONE NUMBER:** Fill up your phone number in the boxes provided. For example, the telephone number 2571978 should be written as:



15. 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 9902176156 should be written as:

### 9 9 0 2 1 7 6 1 5 6

NOTE: It is suggested to give your mobile number for speedy communication.

16. EMAIL ADDRESS: Fill up the email id in CAPITAL letters without blank spaces.

For example, the e-mail id ravirajbhaghi@gmail.com should be written as:

r a	a v	i	r	а	j	b	h	а	g	h	i	@	g	m	а	i	I		С	0	m
-----	-----	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	--	---	---	---

**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.

- 17. ALTERNATE EMAIL ADDRESS: Fill up an alternate e-mail id.
- 18. PHOTOGRAPH: Paste your most recent colour photograph (not older than three months) at appropriate place. Do not staple or pin the photograph.
- 19. SIGNATURE OF APPLICANT: Sign within the box without touching the edges.
- 20. 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
- (2) Wash & dry the hands
- (3) Stain your left thumb with pad ink (4) Transfer the left thumb impression
  - by rolling your stained thumb from side to side
- (5) Apply moderate pressure to avoid smudging

Application without left thumb impression will not be accepted.

- 21. 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.
- 22. SUBJECTWISE 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.
- 23. MARK DETAILS: Write the name of the qualifying examination, 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 MDS Course should fill BDS as qualifying examination

- 24. COLLEGE RECOGNITION: Write YES if your college is recognized by statutory bodies like MCI, DCI, INC, AICTE etc, NO if not.
- 25. NATIONALITY: Write your nationality.
- 26. 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.

- 27. GATE/NATA/MANAGEMENT TEST SCORE: Write the test name, test date, form number and score. Leave the box unfilled, if not applicable.
- 28. WORK EXPERIENCE: Write the number of completed years and months of experience, if any. Leave the box unfilled, if not applicable.
- 29. 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.

### **30. ENTRANCE TEST FEE DETAILS:**

- a. SBI CHALLAN: Write the journal number, challan date, challan amount, issuing branch name and branch code. The challan is available along with the prospectus.
- b. 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.
- 31. **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: Write the group code & course 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.

# How to get to Manipal



### TRAVEL

Manipal is well connected by rail, road and air. Plenty of buses ply between Manipal and Udupi, as well as Manipal and Mangalore. Manipal is also well connected by road with Bangalore, Mysore, Goa, Ernakulam and Mumbai.

### **FLYING IN**

- The nearest airport is Mangalore
- From Mangalore airport Manipal campus is one and a half hours away by road
- Prepaid taxis are available at the airport
- Indian Airlines, Air Deccan, Kingfisher and Jet Airways fly to Mangalore
- Mangalore airport is connected with Mumbai, Bangalore and Chennai by daily flights.

### **BY ROAD**

- Buses run between Mangalore and Manipal every few minutes
- From the north, buses from Mumbai to Goa
- From the south, buses from Ernakulam to Mangalore and Manipal
- From the east, buses from Bangalore, Hyderabad and Chennai to Mangalore, Udupi and Manipal
- Manipal is well connected with the major cities in Karnataka

### **BYTRAIN**

- The closest railway stations are Udupi and Mangalore
- These railway stations lie on the Konkan route connecting the north and the south along west coast
- Delhi and Mumbai (to the north) and Ernakualm (to the south) are linked to Udupi station
- Mangalore station is connected to Chennai, Delhi, Trivandrum and Mumbai
- Those travelling from Kolkata will have to travel via Chennai and then take a connecting train to Mangalore
- There are daily trains from Udupi to Margoa (Goa)
- There is also a train operating from Jammu to Mangalore once a week

# MANIPAL UNIVERSITY

Visit www.manipal.edu or write to admissions@manipal.edu or contact 0820 2571978 for more details.

Price: Rs.500/-

If undelivered, please return to: The Director, Admissions, Manipal University, Manipal - 576104, Karnataka. Tel: 0820 2571978

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