



# MANIPAL-TATA MEDICAL COLLEGE

JAMSHEDPUR, JHARKHAND, INDIA  
(A constituent unit of MAHE, Manipal)



## Allied Health Programs

**PROSPECTUS**

# About Manipal Tata Medical College

Manipal Tata Medical College (MTMC) at Baridih, Jamshedpur, in the East Singhbhum District of Jharkhand, is a premium institution for Medical and Allied Health Education and Training under a consortium initiative between Manipal Academy of Higher Education; An Institute of Eminence (IOE) by Ministry of Education, Govt of India situated at Manipal, Karnataka, India and Tata Steel Limited, Jamshedpur, Jharkhand.

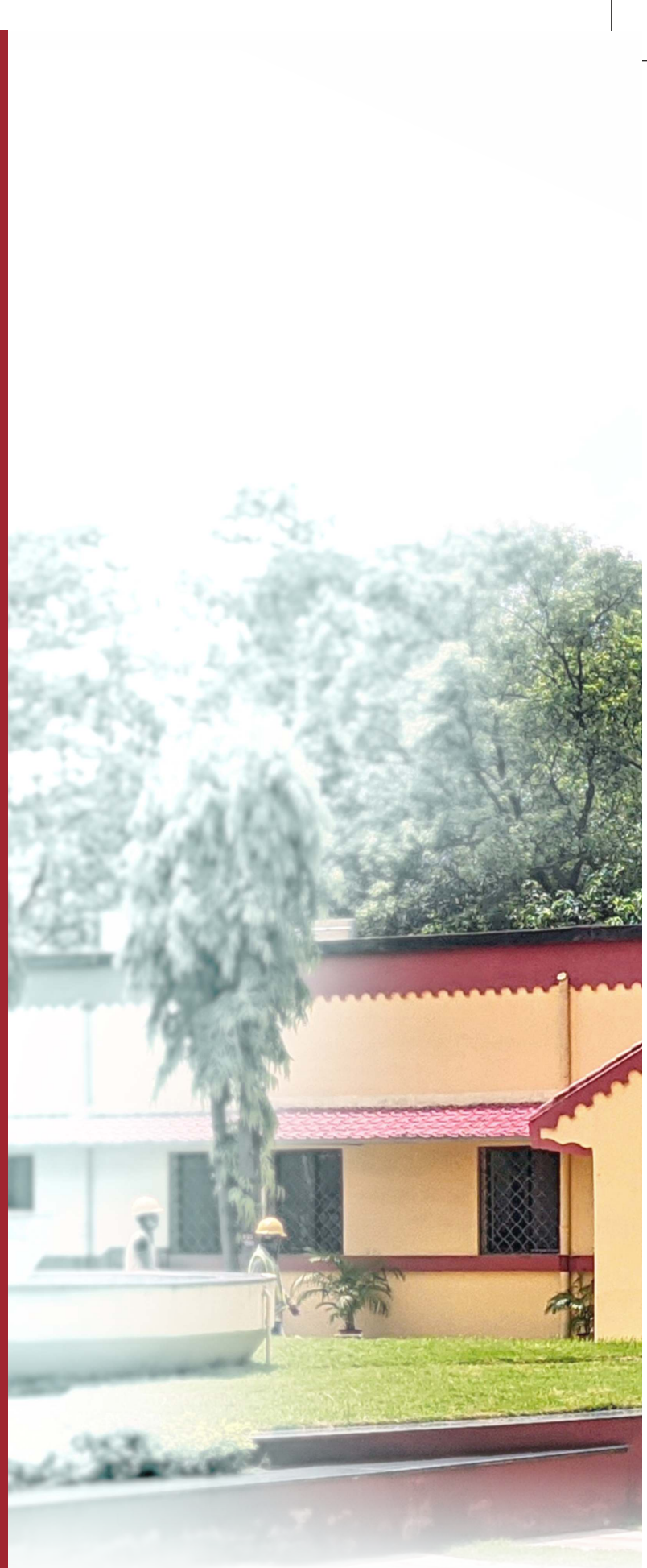
## Allied Health Programs at MTMC

Manipal Academy of Higher education is pleased to announce the launch of Allied Health programs at Manipal Tata Medical College, Kadani Road, Baridih, Jamshedpur, Jharkhand.

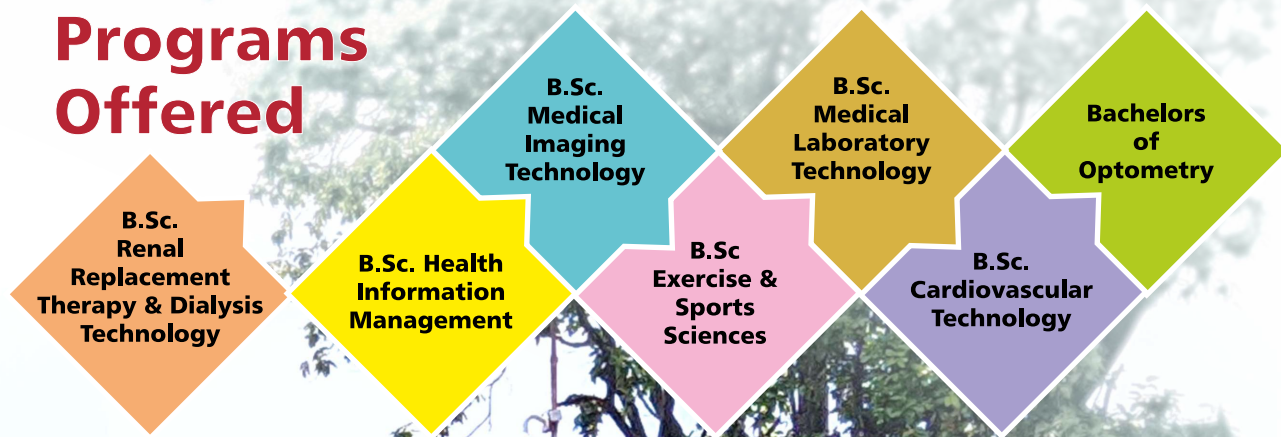
Allied Health Professionals are an integral part of a health care team with physicians, nurses in achieving a holistic healthcare. They add value to the quality of life of patients subsequent to medical or surgical interventions.

The allied health program offered at Manipal Tata Medical College would provide the aspirants a best skill training in diagnostic, technical, therapeutic and direct patient care as well as support services that are critical to other health professionals they work with and the patients they serve. This would result in creating high caliber and trained allied health workforce to prevent, diagnose and treat a range of conditions and illnesses and improve the patient outcomes.

The Programs offered are based on internationally accepted curriculum and specifically designed to prepare the graduate students for rewarding careers in the globally growing healthcare industry. The institute offers various demand driven health related programs with excellent infrastructure, clinical facilities and dedicated qualified faculty. The institute offers an intellectually stimulating environment coupled with rich cultural, social, sporting and harmonious life of a campus.



# Programs Offered



  
**MANIPAL-TATA MEDICAL COLLEGE**  
JAMSHEDPUR

ARDESHIR DALAL  
MEMORIAL HOSPITAL

## Advantages

- 1 First full-fledged Allied Health Institution of Eastern India with state of art infrastructure for academics and clinical training.
- 2 Clinical training at multispeciality tertiary care institution with state of art infrastructure
- 3 Courses recognized by respective regulatory bodies in India
- 4 Internationally accepted curriculum
- 5 Outcome Based Education Curriculum
- 6 Highly trained and experienced faculty with doctoral degree in the respective specialties
- 7 National and international collaboration
- 8 State of the art labs and academics spread across acres
- 9 Collaboration with Healthcare Industry for clinical and administrative training
- 10 Opportunities for national & international internship & externships.

# B.Sc. CARDIOVASCULAR TECHNOLOGY

## Program Description

- B.Sc. Cardiovascular Technology is a clinically oriented course, which trains students in all diagnostic modalities of cardiology.
- Students are trained to actively involved in various procedures which builds confidence to interpret all types of heart diseases independently

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**Duration: 4 Years**  
Including 1 year of internship

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## Career Prospectus

Graduates of this program can find placements in traditional and non traditional settings including:

- Hospitals and diagnostic centers.
- Application specialist and trainer.
- Manufacturing industries companies Devices, Implants, Stents, Balloons and Catheters Industrial Medical facilities.
- Educational Institutions.
- Opportunities for pursuing Masters Program.

### Focus

Students are trained to examine and understand cardiac diseases with the help of clinicians and various imaging and diagnostic modalities, also assist in operating equipment and administration of cardiac catheterization procedures in invasive cardiac setup.

### Eligibility

Pass in 10+2 / A Level / IB / American / 12th Grade or equivalent with English, Physics, Chemistry and Biology from a recognized Board, with minimum 50% aggregate marks or equivalent in PCB.





# BACHELOR OF OPTOMETRY

## Program Description

Bachelor of Optometry program is designed to prepare the graduates for the dynamic practice of Optometry with patient-centred educational program. This program provides platform for the students in primary eye care and various other specialties in children and adults.

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**Duration: 4 Years**  
Including 1 year of internship

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## Career Prospects

Graduates of this program can find placements in traditional and non traditional settings including:

- Tertiary eye care hospitals
- Optical and Contact lens industries
- Private practice
- NGOs
- Opportunities for pursuing Masters Program

### Focus

During the program, students are trained to perform comprehensive eye examination and provide appropriate optometric management. Students are provided training in the areas of contact lens, low vision and binocular vision during the course along with participation in various national level community-based eye screening camps.

### Eligibility

Pass in 10+2/ A Level /IB /American/ 12th Grade or equivalent with English, Physics, Chemistry and Biology or Mathematics from a recognized Board, with minimum 50% aggregate marks or equivalent in PCB/PCM.

# B.Sc. MEDICAL IMAGING TECHNOLOGY

## Program Description

B.Sc. Medical Imaging Technology is designed to mold professionals in Medical Imaging Technology, who can handle different imaging modalities efficiently, perform different medical imaging examinations and assist interventional radiological procedures.

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**Duration: 4 Years**  
Including 1 year of internship

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## Career Prospectus

Graduates of this program can find placements in traditional and non traditional settings as:

- Imaging Technologist
- Medical Image Analysis Scientist
- Application Specialist
- Clinical Sales Specialist
- Opportunities for pursuing Masters Program

### Focus

The program mainly focuses on skill training in various imaging modalities like , X-ray, CT-SCAN, MRI, Mammography and Ultrasound in pediatrics, adults and elderly.

### Eligibility

Pass in 10+2 / A Level / IB / American / 12th Grade or equivalent with English, Physics, Chemistry and Biology from a recognized Board, with minimum 50% aggregate marks or equivalent in PCB.





# B.Sc. MEDICAL LABORATORY TECHNOLOGY

## Program Description

B.Sc. Medical Laboratory Technology program aims to provide efficient and balanced training in laboratory medicine. Students receive skill training in all the aspects of laboratory medicine such as: Clinical Biochemistry, Clinical Microbiology, Clinical Pathology, Hematology, Transfusion Medicine, Serology, Histopathology, Cytology and Cytogenetics.

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**Duration: 4 Years**  
Including 1 year of internship

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## Career Prospectus

Graduates of this program can find placements as:

- Educator
- Medical Laboratory Technologist in Diagnostic Laboratory
- Environmental Technologist
- Research Technologist
- Laboratory Quality Assurance
- Laboratory Information Systems
- Opportunities for pursuing Masters Program

## Focus

Students are trained to acquire skills in various laboratories namely Microbiology, Pathology, Transfusion Medicine, Immunology and Biochemistry for diagnosis, prophylaxis and treatment of the disease.

## Eligibility

Pass in 10+2 / A Level / IB / American / 12th Grade or equivalent with English, Physics, Chemistry and Biology from a recognized Board, with minimum 50% aggregate marks or equivalent in PCB.

# B.Sc. EXERCISE & SPORTS SCIENCES

## Program Description

B.Sc. Exercise and Sports Science program aims to enable students to achieve personal, professional and academic development required to become competent exercise and sports scientists with the ability to meet the challenges and technological progress of the sports and fitness industry. There are limited student exchange opportunities to pursue the course at Deakin University, Australia.

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**Duration: 3 Years**

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## Career Prospectus

Graduates of this program can find placements in traditional and non-traditional settings including:

- Sport Academies
- Fitness Centers and Studios
- High Performance Centers
- Biomechanics and Exercise Physiology Labs
- Sport Clubs and Teams
- Exercise and Fitness Counselling in Hospitals and Wellness Centers
- Opportunities for pursuing Masters Program

### Focus

Students are trained to assess and evaluate the fitness, performance, and injury risk of athletes and other individuals. The students also learn interventions to train individuals to enhance performance and prevent injuries to improve health care delivery process and outcome.

### Eligibility

Pass in 10+2 / A Level / IB / American 12th Grade or equivalent with English, Physics, and Chemistry with Biology or Mathematics from a recognized Board, with minimum 50 % aggregate marks or equivalent in PCB / PCM.







# B.Sc. RENAL REPLACEMENT THERAPY AND DIALYSIS TECHNOLOGY

## Program Description

B.Sc. Renal Replacement therapy & Dialysis Technology program provides the basic knowledge of renal anatomy, physiology, kidney diseases, and special extra corporeal therapies. This program prepares the students to conduct hemodialysis and peritoneal dialysis to individuals with end-stage kidney disease and acute kidney injury requiring dialysis

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**Duration: 4 Years**  
Including 1 year of internship

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## Career Prospectus

After the completion of the program, students get placements in:

- Healthcare setup: As Dialysis Therapist
- Academic: As a Tutor or Clinical Supervisor
- Opportunities for pursuing Masters Program

## Focus

Students are trained to work in a team of various medical professionals during their clinical postings. This course will equip the student with the knowledge and skills of a high standard required in the modern renal unit with the classroom and dialysis training room with good infrastructure facility.

## Eligibility

Pass in 10+2 / A Level / IB / American / 12th Grade or equivalent with English, Physics, Chemistry and Biology or Mathematics from a recognized Board, with minimum 50% aggregate marks or equivalent in PCB/PCM.

# B.Sc. HEALTH INFORMATION MANAGEMENT

## Program Description

B.Sc. Health Information Management program is designed to equip students to take up independent middle level managerial positions, interacting with all levels of healthcare organization; in management, use and interpretation of all patient and health data for decision making and everyday operations; and also for managing basic level health research activities.

**Duration: 4 Years**

**Including 1 year of internship**

## Career Prospectus

Health Information Management Graduate works in variety of settings

- Government and Private Hospitals
- Health Insurance Firms
- Accreditation Agencies
- Educational Institute
- Community Health Service
- Business

## Focus

The intensive training and industry based curriculum enable the students to conceptualize, organize, analyze and manage the content, integrity, accessibility, use, and protection of information resources in compliance with national and regional standards to improve health care delivery process and outcome

## Eligibility

Pass in 10+2 / A Level / IB / American 12th Grade or equivalent from a recognized Board, with minimum 50% aggregate marks or equivalent in any stream.



## FEE STRUCTURE

### General Fee Structure

Programs Offered	Duration	1st Installment (in INR)	Caution Deposit (in INR)	2nd Installment (in INR)	3rd Installment (in INR)	Total Fee (in INR)
B.Sc Cardiovascular Technology	4 Years	2,42,000	10,000	2,42,000	2,42,000	7,36,000
B.Sc Exercise and Sports Sciences	3 Years	1,73,000	10,000	1,73,000	1,73,000	5,29,000
B.Sc Health Information Management	4 Years	1,50,000	10,000	1,50,000	1,50,000	4,60,000
B.Sc Medical Imaging Technology	4 Years	2,02,000	10,000	2,02,000	2,02,000	6,16,000
B.Sc Medical Laboratory Technology	4 Years	1,15,000	10,000	1,15,000	1,15,000	3,55,000
B.Sc Renel Replacement Therapy	4 Years	1,73,000	10,000	1,73,000	1,73,000	5,29,000
Bachelor of Optometry-B.OPTOM	4 Years	2,02,000	10,000	2,02,000	2,02,000	6,16,000

### Foreign Fee Structure

Foreign/NRI (USD \$)	7000	200	7000	7000	2,02,000
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## SCHOLARSHIP OPPORTUNITY

### Scholarship Guidelines

- All candidates are required go through the admission process specified for each program
- All candidates admitted to the above program under GENERAL category, are eligible for 20% course fee waiver as scholarships, provided they meet the eligibility criteria required at the time of admission
- Domicile candidates from Arunachal Pradesh, Assam, Jharkhand, Manipur, Meghalaya, Mizoram, Nagaland, Tripura and Sikkim are eligible for additional fee waiver of 15% as scholarships, total fee waiver of 35% as scholarship for the 1st year, only on the production of valid domicile certificate
- Candidates are required to pay the full first year course fee including refundable Caution Deposit of Rs. 10,000/- at the time of Admission/ Reporting
- The Scholarship obtained by the candidate is applicable for the entire program duration, starting 1st year of the program
- Domicile candidates from Arunachal Pradesh, Assam, Jharkhand, Manipur, Meghalaya, Mizoram, Nagaland, Tripura and Sikkim must clear all the subjects of the preceding semester(s) / year(s) in order to be eligible for the additional fee waiver of 15% (mentioned above) for the 2nd & 3rd years
- The scholar will have to take care of other expenses such as hostel accommodation, food, books etc.
- Continuation of scholarship for subsequent years will be based on academic performance of the students in the University examinations, preceding the due date for payment of fee/ dues as mentioned above
- The scholarships will be forfeited in the instances of irregularity in attendance, proven charges of indiscipline, bringing disrepute to the Department/Institution/ University etc.



**MAHE Manipal**  
Accredited with the grade of  
**A++**  
by National Assessment and  
Accreditation Council

Manipal Academy of Higher Education  
EDU Building, Manipal

Contact us:

**Department of Allied Health Sciences**  
**Manipal Tata Medical College**

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