



# MANIPAL COLLEGE OF HEALTH PROFESSIONS

MANIPAL

(A constituent unit of MAHE, Manipal)



**MAHE Manipal**  
Accredited with the grade of  
**A++**



## MANIPAL COLLEGE OF HEALTH PROFESSIONS (MCHP)

66 Programs | 15 countries | 5000+ Alumni | 175 Faculties | 20 Departments

ESTD:1999



## MAHE

*- A 60 year legacy*

Manipal Academy of Higher Education is synonymous with excellence in higher education. Over 28,000 students from 57 different nations live, learn and play in the sprawling University town, nestled on a plateau in Karnataka's Udupi district. It also has nearly 2500 faculty and almost 10000 other support and service staff, who cater to the various professional institutions in health sciences, engineering, management, communication and humanities which dot the Wi-Fi-enabled campus.

The University has off-campus in Mangalore and Bangalore, and off-shore campuses in Dubai(UAE) and Melaka (Malaysia). The Mangalore campus offers medical, dental, and nursing programs. The Bangalore Campus offers programs in Regenerative Medicine. The Dubai campus offers programs in engineering, management and architecture, and the Melaka campus offers programs in medicine and dentistry.

Every institute has world class facilities and pedagogy, which are constantly reviewed and upgraded to reflect the latest trends and developments in higher education.

In Manipal, these include educational facilities like the Simulation Lab with computer driven Manikins, an Innovation Centre, one of Asia's largest health sciences libraries, one of the world's best anatomy museums, a business incubation centre and various other centers of excellence. Academic collaborations and twinning programs with several universities in the US, UK, Australia and other countries ensure that students get international exposure and expertise.

The MARENA, a massive indoor sports complex with five badminton courts, four squash courts, three tennis courts, a basketball court, a hi-tech gym and a walking track, reflects the university's belief that a healthy mind needs a healthy body.

Part of the Manipal Group, the University is ISO 9001:2008 and ISO 14001: 2004 certified, and has won the prestigious IMC Ramkrishna Bajaj National Quality Award and the International Asia Pacific Quality Award in 2007- 2008.

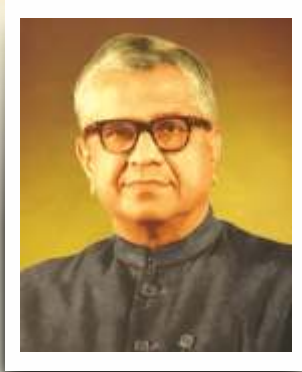
The Manipal Group, a pioneer in higher education services with a 60-year-old legacy of excellence, also owns and operates campuses in Sikkim and Jaipur in India, and in Nepal, Malaysia, and Antigua, in the Caribbean.

MAHE has been accorded the status of Institute of Eminence (IoE) by HRD, Government of India.

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# *The Founder*



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

The late Dr. Tonse Madhava Anantha Pai (1898 - 1979), physician, educationist, banker and philanthropist, was the founder and builder of modern Manipal. He established educational, medical, banking and industrial enterprises of national importance and repute.

Manipal is an eloquent testimony to the vision, motivation and labour of Dr. TMA Pai. His zeal, dedication and infinite energy inspired others, motivating them to collective effort. This was the spirit of Dr. TMA Pai. This is the spirit of Manipal.

"We must have a residential university in Manipal", was Dr. TMA Pai's prophetic vision.

Dr. TMA Pai, successfully established a string of secondary schools and colleges of humanities. His crowning achievement was starting the first ever medical college on public private partnership basis in India the Kasturba Medical College. In 1993, with the conferment of a deemed university status on Manipal Academy of Higher Education his dream and vision to turn Manipal into a university town turned into reality.

## Vision

Excellence in allied health education, health care and research

## Mission

Provide excellent health care facility, teaching, research & develop competent professionals equipped to create a difference in quality of life of the individuals

## Quality Policy

**Manipal Academy of Higher Education (MAHE) aims to strengthen its unique value system through:**

- Providing value based higher education and healthcare services at par with International Standards
- Promoting Research and collaborations
- Meeting societal objectives
- Enhancing the proficiency of its students, staff and faculty to achieve global competency through training and development
- Demonstrating continual quality improvement in all its academic, healthcare service and co-curricular activities through upgrading the delivery system, and sharing the best practices
- Exceeding the expectations of the beneficiaries, stakeholders and regulatory bodies.

## Values

- Team work
- Execution with Passion
- Human Touch
- Quality
- Transparency
- Integrity

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# Leadership



**Dr Ramdas M Pai**  
Chancellor



**Dr H S Ballal**  
Pro Chancellor



**Lt Gen (Dr) M D Venkatesh**  
Vice Chancellor



**Dr PLNG Rao**  
Pro Vice Chancellor  
(Quality Assurance and  
Faculty of Health Sciences)



**Dr Dilip G. Naik**  
Pro Vice Chancellor,  
(Mangaluru)



**Dr Venkatraya M Prabhu**  
Pro Vice Chancellor  
(Health Sciences)



**Dr. Pragna Rao**  
Pro-Vice-Chancellor,  
Bengaluru



**Dr Narayana Sabhahit**  
Registrar



**Dr Vinod Thomas**  
Registrar - Evaluation



**Dr Arun G Maiya**  
Dean, MCHP



**Dr Poornima Baliga**  
Dean  
MTMC Jamshedpur



**Dr. B Unnikrishnan**  
Dean  
KMC, Mangaluru

# Dean's Messages



## Dr. G. Arun Maiya

Dean, Manipal College of Health Professions  
Manipal Academy of Higher Education, Manipal

Manipal Academy of Higher Education (MAHE) earned the status of a Deemed to be University in the year 1993 and accorded the coveted status of Institution of Eminence by Ministry of Education, Government of India in the year 2018. The Manipal College of Health Professions (MCHP, formerly known as School of Allied Health Sciences) constituent Unit of MAHE was established in 1999 as the first full-fledged and largest institution in the country exclusively dedicated to the quality education of allied health professionals and presently offering over 70 programs with students from 21 countries.

The college envisions training allied healthcare professionals who can create a difference in the quality of life of individuals. The college offers Bachelors, Masters and Doctoral degree programs. The quality clinical training is provided to all students in Kasturba Hospital (a teaching hospital of MAHE Manipal), one of the best tertiary care teaching hospital. In addition, students participate in outreach programs, camp and posted in the Dr TMA Pai Hospital, Udupi, Dr. TMA Pai Rotary Hospital Karkala, KMC Hospital Mangalore and Manipal Hospital Bangalore. The courses offered are specially designed to prepare under graduates and post graduate students for rewarding careers in the growing healthcare industry. Since its establishment, the growth of this college has been impressive and it is now acclaimed as a centre of excellence in allied health sciences education in the nation, mainly because of its demand-driven allied health programs, excellent infrastructure, clinical facilities with dedicated and qualified faculty members.

The allied health programs are offered in Manipal, Mangalore, Bangalore and MTMC, Jamshedpur campus of the MAHE. The college introduced outcome based education framework for all under graduate and post graduate program, and the National Educational Policy (NEP 2020) framework is incorporated in the curriculum to make it more holistic. The college provides an intellectually stimulating environment coupled with rich cultural, social, sporting and harmonious life of a university campus to all the students. All the programs are recognized by respective professional body and the regulatory body. The faculty of MCHP have groomed their students in taking up good positions as leaders in various streams of allied health professions, and having more than 6500 alumni, the college is making all efforts to get connected with every alumnus and exploring all possibilities to collaborate in various ways.

**We welcome you and the parents to visit our campus and see yourself what we offer to you in various discipline of allied health sciences**





## Message from Associate Dean

Manipal College of Health Professions, MAHE, the first and largest college of Allied Health Professions in the country, is committed to produce competent, proficient and dedicated health professionals with utmost patient care. The institute is nearing its Silver Jubilee in the year 2024 witnessing more than 6500 alumni across the globe. I am proud to mention that we have internationally recognized faculty members who believe in continually upgrading their quality teaching and sophisticated clinical training skills. Our alumni have made their presence felt as esteemed health care leaders in various streams of health sciences. In recent years, the students have abundant opportunities to join reputed industries as the institute is encouraging internship facilitated placement opportunities. MCHP being attached to a renowned tertiary hospital, the students here are blessed with state of art clinical facility, supportive research environment and innovation during their academics, which has been the vital component of their success story.

Warm welcome to you all to our Manipal family.

### **Dr. Venkataraja Aithal U**

Associate Dean,  
MCHP, MAHE, Manipal



MCHP is the largest constituent institution under the Faculty of Health Sciences MAHE, in terms of its student strength. At MCHP our goal is to forge innovative and interdisciplinary programs that reflect the changing landscape of the health care system. Health care systems require a well-trained and highly-skilled workforce. To ensure that this workforce is available, a comprehensive healthcare education and workforce strategy is needed, beginning with a solid academic curricula standard to guide post-secondary education. Being a part of this vibrant institution which offers 22 undergraduate programs and, 44 different specializations of postgraduate programs, it will provide immense opportunities to the students to interact and pursue their studies with these varying health professions. The opportunity to collaborate with other streams and get creative either with the academics, research or co-curricular activities. The diversity of the institution in terms of the student community being a melting point of different cultures will be all the more exciting to be a part of MCHP.

Welcome to MCHP for those who wish to pursue a career in health professions !

### **Dr. B. Reshmi, Ph.D**

Associate Dean,  
MCHP, MAHE, Manipal





## Greetings from Academic Operations Committee

Dear Students,

Congratulations on securing admissions to MCHP!!

In my current role, my team and I assist the Dean's committee in running the college's academic programs. We provide researched inputs on various academic policies, delivery models, and syllabus structures for existing and new programs while keeping in mind the latest regulations. A simple academic calendar preparation takes us hours of careful considering, coordinating, and compiling. Each examination schedule means an enormous amount of energy and time spent planning and its execution.

We also communicate and coordinate with inter-department / institutes to give you the best academic learning and skill development. We equip our faculties by organizing training/workshops on teaching-learning methods, assessment modalities, and the use of innovative pedagogy techniques for enhancing your learning. We monitor the academic delivery through your feedback and conducting academic audits periodically.

We have a never-ending list of ideas running through our minds, constantly evolving and growing, as your academic performance enhancement and support is our goal. We try to keep the academic chaos somehow organized - though it takes time, effort, and patience. As we fulfill our role, we do so much more that go unnoticed. But, we do so happily, as it impacts the lives of our students – You!

I wish you all an academically fulfilling life.

Yours,

**Dr. G. Kanaka, PhD**

Chairperson, Academic Operation Committee - MCHP, MAHE, Manipal



## Greetings from Student Affairs Committee

Greetings from Student Affairs Committee, MCHP !

Manipal College of Health Professions is first of its kind in the continent to offer 20 diverse health care programs. Diversity is one of the distinct aspects of the institution that provides students a unique learning platform in all aspects of life ranging from becoming an ethical and responsible health care professional to the overall development of the individual. Along with the academics, to ensure the overall development of every student we have a vibrant student affairs committee and student council body at MCHP. The student affairs committee and the student council work together for the well-being of the students. Various activities are organized throughout the year to nurture the talents of the students and provide them opportunity to develop their leadership skills. At MCHP, we have different committees and clubs, providing you an opportunity to uncover your hidden talents and to refine your skills. Looking forward to meeting you all!

**Ms. Indu Toby**

Chairperson, Student Affairs Committee- MCHP, MAHE, Manipal

# Genesis





# MCHP-

## A Beacon of light in the emerging Allied Health Services of Health Sector

Manipal College of Health Professions – MCHP (formerly School of Allied Health Sciences), Manipal, the first and largest full-fledged college of allied health sciences in India was started in 1999 to train high calibre allied health professionals with a view to prevent, diagnose and treat a range of conditions and illnesses working within a multidisciplinary health team and to provide the best patient outcomes. Working in tandem with health care teams at our University and other hospitals to make the health care system function more robust, they have been providing a range of diagnostic, technical, therapeutic and direct patient care as well as support services that are critical to other health professionals they work with and the patients they serve.

Currently, MCHP is the second largest constituent institution of Manipal Academy of Higher Education in terms of its total number of students on roll and attracts a large number of overseas observers / students for clinical placements, due to the facilities for clinical practice which is unmatched for. The courses offered are specifically designed to prepare under graduates and graduate students for rewarding careers in the globally growing healthcare industry. Since its establishment in 1999, the growth of this institution has been phenomenal and it is now acclaimed as a center of excellence in allied health sciences in the nation, mainly because of its demand-driven health related programs, excellent infrastructure, clinical facilities with dedicated and qualified faculty. The school began with three programs in 1992 and currently offers programs in 20 disciplines i.e. Physiotherapy, Audiology & Speech Language Pathology, Medical Laboratory Technology, Nuclear Medicine Technology, Occupational Therapy, Respiratory Therapy, Clinical Psychology, Health Information Management, Medical Imaging Technology, Optometry, Medical Radiation Physics, Cardiovascular Technology, Renal Replacement Therapy & Dialysis Technology, Perfusion Technology, Exercise & Sports Science, Emergency Medicine Technology, Anaesthesia and Operation Theatre Technology, Clinical Nutrition and Dietetics, Prosthetics and Orthotics Programme and Physician Assistant Programme. There are 22 under graduate programs, 44 post graduate programs with specializations and one super speciality program. The courses provided have internationally accepted curricula following semester and credit system framework with easy credit transfer and are recognized by respective regulatory bodies in India and abroad. There are over 2500 students on roll from over 20 countries and more than 5000+ alumni spread across the globe. MCHP has state-of-the-art laboratories and academic facilities spread across 120,000 Sqft. Hands-on clinical training is provided at Kasturba Hospital, Manipal, KMC Hospital Mangalore, & Manipal Hospital Bangalore. Students

have opportunities for various academic exchange programs across 20 collaborating global Universities and prospects to carry out industry training with more than 10 leading healthcare industries in India.

MCHP takes pride in its faculty who are highly trained and experienced, with over 40% of them with terminal degree (PhD) in their respective specialities. The school is a trend setter to the pathway bridge programs for Malaysian Physiotherapy Diplomas and Nigerian Occupational Therapy Diplomas for undergraduate and graduate students. The school offers an intellectually stimulating environment coupled with rich cultural, social, sporting and harmonious life of a university campus.

MCHP has been rated as 'Excellent' by the Rehabilitation Council of India (RCI). Ministry of Health, Government of India has considered the school as the model for its proposed National and Regional Institutes of Allied Health Sciences (NIAHS and RIAHS). In a major collaborative effort at capacity building, the Sultanate of Oman approved the school to train their nationals in the regular and bridge programs. MCHP has collaborations with professionals in Afghanistan, Bahrain, Bhutan, Canada, Ethiopia, Iran, Jamaica, Jordan, Kenya, Korea, Mongolia, Malaysia, Maldives, Mauritius, Nepal, Nigeria, Oman, Palestine, Qatar, Seychelles, Somalia, South Africa, Srilanka, Sudan, Tajikistan, Tanzania, United Kingdom, USA, Vietnam and Yemen.

In 20+ years of its existence, MCHP has built a strong academic and research environment through many multidisciplinary collaborations with academic institutions and research organizations of national and international repute. MCHP has completed more than 980 faculty and student research projects. The research activities carried out by majority of departments of MCHP are vivid and worthwhile in the global allied health sciences research arena.

MCHP has always focused on local community engagement activities and serving society through extension activities. Weekly services are offered by the Department of Physiotherapy and the Department of Speech and Hearing at various special schools and RMCWs. Camps are conducted in and around Udupi periodically by Department of Physiotherapy, Occupational Therapy, Speech and Hearing and Optometry with the purpose of early identification and management of visual, speech and hearing and mobility related health issues.

MCHP is now poised to obtain international accreditation for its niche programs, offer online certificate programs with its overseas partners.





## DEPARTMENT OF PHYSIOTHERAPY

**Physiotherapy is a science that seeks to alleviate physical dysfunction, promote optimal function and health of the human body. Physiotherapists evaluate and develop an appropriate treatment plan to facilitate movement, reduce pain, restore function and prevent disability using various exercise protocols and physical agents. Besides their curative role, physiotherapists also prescribe fitness and wellness-oriented programs for an active and healthy lifestyle. Both the Bachelor and Postgraduate courses are semester-based programs with a carefully designed curriculum ensuring that students achieve the required competencies to become an independent, confident and skilled professional with high moral and ethical standards.**





## Courses Offered

### Bachelor of Physiotherapy (BPT)

This program envisages producing competent physiotherapists who can independently evaluate, prescribe and practice physiotherapy for musculoskeletal, neurological, cardiopulmonary, paediatric and geriatric conditions, to optimize function and improve quality of life.

**Duration:** 4 years + 6 months (compulsory rotatory internship)

### Master of Physiotherapy (MPT)

The objective of this program is to incorporate evidence based practice in physiotherapy and to acquire specific skills required to be a competent academician and clinical specialist in the specific area of physiotherapy.

The course also helps the student to become proficient in research methodology and acquire skills in administration to ensure competency for professional growth and autonomy.

#### MPT Program (SPECIALTIES OFFERED):

- A. MPT Musculo-skeletal Sciences
- B. MPT Neurosciences
- C. MPT Cardiopulmonary Sciences
- D. MPT Pediatrics
- E. MPT Women's Health
- F. MPT Geriatrics
- G. MPT Community Physiotherapy

**Duration:** 2 years (4 semesters)

### Doctor of Philosophy (PhD)

Full time PhD programs are offered in Physiotherapy and its interdisciplinary areas



Mr. Kiran Challagundla (Sitting, Second from Right) and Mr. Sumansh Sivalanka (Sitting, Second from left) Alumni of physiotherapy, MCHP & Official Physiotherapist of the Indian Badminton Team (BAI) on winning the Thomas Cup, 2022. They were also the physiotherapists for Saina Nehwal and PV Sindhu.

## Clinical Facilities

The Department is attached to the 2500 bedded multi specialty Kasturba Hospital at Manipal which ensures excellent clinical exposure to the students in various medical and surgical specialties. In addition, the students are posted at Dr. TMA Pai Hospital Udupi, Geriatric, PHCs and Special schools at Udupi for a richer clinical experience.

The department is equipped with modern electro therapy and exercise therapy equipments and provides treatment and rehabilitation for patients with musculoskeletal pain, neuromuscular and cardiopulmonary dysfunction.

The department has the following units to provide high quality care

- A. OPD (Out patient Department)
- B. Orthopedic unit
- C. Neurorehabilitation unit
- D. Paediatric unit
- E. Cardiopulmonary rehabilitation unit
- F. Community based rehabilitation unit
- G. Cancer-rehabilitation unit
- H. Women's health clinic
- I. Hand rehabilitation clinic
- J. Balance and vestibular rehabilitation clinic
- K. Diabetic Foot Clinic
- L. LASER clinic
- M. Critical care physiotherapy

## Highlights of the Department

The department is equipped with world class facilities and faculty of high calibre for teaching, clinical training and high quality research. The facilities available in the research laboratories include wireless EMG, NCV, Kinematic analysis system, Transcranial Direct Current Stimulator, Laser, Shockwave Therapy, FES, Heartrate variability monitor, activity trackers, Periniometers, Biofeedback, Posturography, Dynamic foot scanner and advanced electro physical agents.

The department has received multiple research grants from both National and International funding agencies like, Indian Council of Medical Research (ICMR), Department of Science and Technology (DST), Department of Scientific and Industrial Research (DSIR), Board of Nuclear Research and Science (BRNS), Grand Challenges Canada, World Diabetic Foundation, International Development Research Centre and World Health Organization (WHO).



Neuromotor Control Unit, Department of Physiotherapy, KH

## Career opportunities

Career opportunities are diverse with placements in hospitals, rehabilitation units and with sports teams. Those with postgraduate degree can take up faculty positions or setup speciality clinics in hospitals as well as practice independently. Opportunities in the field of research are also increasing with a greater focus for evidence based practice.

There are opportunities to pursue doctoral programs in India or Overseas for all post graduates.

## Professional Recognition

Indian Association of Physiotherapists



Screening for Pulmonary Function



Diabetic foot clinic, Department of Physiotherapy, KH

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### Contact:

HOD

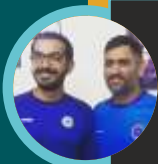
Dept. of Physiotherapy

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## Alumni Feedback



"I owe a large part of whatever I have achieved to MCHP"

**Niraj Karamchandani (MPT 2011)**

Physiotherapist- Senior (Ranji Trophy) Team, Vidarbha Cricket Association, Nagpur, Maharashtra, India



"Education and training in Manipal have brought lot of discipline in my life; faculty has been really superb; the experiences have been the steppingstones for my career"

**Ms Priyank Golcha (MPT 2009)**

Orthopaedic Physiotherapist, Manual Therapist, KMCT (UK)

Kinetic Control Tutor at Comera Movement Science, Mumbai, Maharashtra, India





## DEPARTMENT OF OCCUPATIONAL THERAPY

**Occupational Therapy is one of the fastest growing allied health professions across the globe in the field of rehabilitation. Occupational therapists are very much in demand for their knowledge and abilities to restore individuals with physical and mental illnesses back toward functional independence. Their emphasis and focus on empowering individuals through training in daily living activities, prescription of assistive technology and therapeutic techniques makes them indispensable.**

**Occupational therapists play a crucial role in promoting health and well being across the life span through their various areas of practice, right from neonatal care to care for elderly population.**



## Courses Offered

### Bachelor of Occupational Therapy (BOT)

This course is designed to mould professionals in Occupational Therapy to evaluate and manage efficiently and skillfully person with various physical and mental traumas, which can affect their functional status. This course will also provide them opportunity to develop their clinical reasoning and professional skills.

**Duration:** 4 years + 6 months (compulsory rotatory internship)

### Masters in Occupational Therapy (MOT)

This course is designed to provide evidence based practice to impart higher education of quality and excellence so as to prepare an occupational therapist to be a good researcher, effective administrator, knowledgeable educator, skilled clinician and endeavor to contribute to the profession and uphold values central to occupational therapy.

The areas of specializations provided in this course are -

- Hand and Musculoskeletal Conditions
- Developmental Disabilities
- Neuro-rehabilitation
- Mental Health and Psycho social rehabilitation

**Duration:** 2years (4 Semesters)

### Doctor of Philosophy (PhD)

Full time PhD programs are offered in Occupational Therapy and its interdisciplinary areas



## Clinical facilities

**Neuro-rehabilitation Section:** This specialized unit provides rehabilitation services for both acute and chronic neurological conditions. Various techniques used in this unit are sensori-motor/ neuromuscular retraining, cognitive-perceptual remediation, balance & coordination training, pain management, functional electrical stimulation & coma stimulation.



Training for functional mobility

**Child Habilitation Section:** This section provides a play oriented therapeutic environment for children with Cerebral Palsy, Learning Disability, Developmental Delay, Congenital anomalies, Autism etc. The services provided in this unit are gross and fine motor skill development, visual motor and visual-perceptual training, play therapy, handwriting remediation, sensory integration therapy & oro-motor training for feeding problems.



Occupations and activities lab

**Orthopedics Rehabilitation section:** This unit deals with all kind of pre and post operative orthopedic and trauma conditions. The services offered are amputee retraining and prosthetic management, biofeedback, back care, strength, range of motion and endurance training, pressure garments and management of post burn contractures hypertrophic scar and hand rehabilitation

**Mental Health Section:** This unit provides rehabilitation services for patients with acute and chronic psychiatric illnesses. The services provided in this unit are activity / time scheduling of daily activities, work skills and work behavior training, enhancing role identification and performance, stress management programs, assertiveness training, group therapy & social skills training.



Occupational therapy in Hand Rehabilitation

**Hand Splinting:** This unit has state of the art facility and specializes in design and fabrication of splints and assistive device that facilitate functional recovery in a variety of orthopedic, neurological and pediatric cases. Special features include: design and fabrication of conventional / unconventional splints and low-tech assistive devices, that are custom made to individual's requirement.



Therapeutic Lab

## Highlights

- Recognized by All India Occupational Therapists' Association (AIOTA)
- World Federation of Occupational Therapists (WFOT)
- Recognized by Health Professionals Council (HPC, UK)
- Recognized by National Board of Certification for Occupational Therapist (NBCOT, USA)
- Most sought after destination for OT students all over the globe for their Clinical Placement.
- Clinical facilities in a 2500 bedded multispecialty hospital, ensuring exposure to wide range of clinical conditions
- The Standard Evaluation Laboratory has the highest numbers of original standard assessment tools related to motor, cognitive, perceptual and psychosocial components such as Reaction timer, FES, Electrogoniometer, Ergometry etc. It also has a full fledged specialized ADL section, splinting assistive technology lab.
- The Library has about 20 OT & Rehabilitation journals, an exclusive collection from AOTA Publication and free access to online Occupational Therapy journals.



Occupations and activities lab



Splint lab

## Career Opportunities

- Occupational Therapist can work in various centers such as
  - Hospitals
  - Mental Health Center
  - Child Habilitation Center
  - Private Consultancy
  - Schools/ Special Schools
  - Industrial Rehabilitation Facility
- OT professionals can pursue Masters and PhD in specialized fields
- Recently was ranked No. 11 in United States "U.S. News & World Reports Best Job 2022".

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### Contact

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Our alumni are placed across the globe, namely in UK, USA, Singapore, Middle East, Australia, Ireland, New Zealand, Canada and of course, in India.

## Alumni Feedback



"Studying in MCHP not just an award of certificates but an offer of a life-long opportunities"

**Mr. Eleyinde Sunday Tayo (BOT 2007)**

HOD, Course coordinator, School of Occupational Therapy, University of Benin Teaching Hospital, Benin, Nigeria



I am thankful to all the faculty members of the College for their continuous efforts and support. Apart from excellent academic experience, I also gained the benefits of being a part of Cultural Student' body. Huge respect, love and devotion for entire faculty members and department. It's their efforts that make me to count myself into better professionals.

**Sakshi Bhatia**

Occupational Therapist

SI Certified(USC-WPS)

TLP Practitioner

Co-Founder, Director

FutuReady Pediatric Intervention Services & Uniquemindz Early Intervention Center





## DEPARTMENT OF SPEECH & HEARING

**The Speech-Language Pathology and Audiology is one of the upcoming and exciting profession with excellent job prospective. This specialty is committed to serve the persons with speech and hearing disorders. Imparts clinical services to those with speech and hearing impairment.**

## Courses Offered

### Bachelor of Audiology and Speech – Language Pathology (BASLP)

The graduate program is designed to mold professionals in Speech-Language Pathology and Audiology who can independently and along with health care team evaluate and manage persons with speech and hearing disorders across the age group. This encompasses speech, language, communication, swallowing disorders and assessment of hearing impairment and prescription, fitting of amplification devices.

**Duration:** 4 years inclusive of 1 year internship (8 Semesters)

### M.Sc. in Audiology - M.Sc (Aud.) & M.Sc. in Speech Language Pathology - M.Sc. (S.L.P.)

The Master Degree program aims to enhance the theoretical, clinical, and research knowledge with state of art technology in the area of Speech-Language Pathology and Audiology.

**Duration:** 2 years (4 Semesters)

### Doctor of Philosophy (PhD)

Full time PhD programs are offered in Audiology, Speech Language Therapy and its interdisciplinary areas

### Doctor of Philosophy (PhD)

The department offers PhD program with motive to develop fine-tuned researchers in the area of Audiology and Speech Language Pathology

## Clinical Facilities

### Audiology

- Routine services:
  - Pure Tone Audiometry
  - Speech Audiometry
  - Middle Ear Analysis
  - Auditory Training
  - Counseling and Hearing Aid Prescription
  - New born hearing screening
  - Ear mold lab
- **Advanced services:**
  - Brainstem Evoked Response Audiometry (BERA)
  - Oto Acoustic Emission Testing
  - Standardized objective calibration of audiological equipments
  - Objective verification of hearing aid fitting & evaluation
  - Cochlear implant assessment and rehabilitation
  - Tinnitus evaluation and management
  - Standardized noise measurements
  - Advanced cognitive research using high density EEG/ERP system
  - Vestibular Disorders assessment and management



## Speech Language Pathology Services

- Comprehensive evaluation of speech and language in children, adults and elderly
- Instrumental analysis of speech and language
- Speech and language therapy services
- Laryngectomy rehabilitation
- Assessment and management of swallowing disorders (Dysphagia)
- Neuro Communication Disorders Unit (NCDU) and cerebral palsy clinic for the assessment and management of people with stroke and related brain disorders

## Highlights

- The expert committee of the Rehabilitation Council of India (RCI) has awarded the department "excellent" for its training programme and contribution to the welfare of the hearing handicapped.
- The Department has received research grants from the country's prestigious funding bodies such as Department of Science and Technology, ICMR, ICSSR, Govt. of India and NCERT. The department conducts research projects in collaboration with other national institutions.
- Few of the state-of-the-art instruments currently used in the department for the assessment, treatment and research in the field of speech, language and hearing disorders include



Earmold



Hearing Aid trial



Neonatal Hearing Screening



Speech and Language therapy



### THE COMPUTERIZED SPEECH LAB (CSL)

Most advanced analysis system with a complete hardware/software system for the assessment and treatment of speech and voice disorders

### ELECTROGLOTTOGRAPHY (EGG)

Non-invasive instrumentation to investigate the vibratory characteristics of the vocal folds

### SPIROMETER

Unique instrument to test the lung function with real-time display of airflow and detailed measurement matrices in high resolution

### NASOMETER

A powerful clinical tool for the assessment and treatment of nasality problems

### PURE TONE AUDIOMETRY

Department holds most advanced computerized and standspace dual channel audiometers for hearing evaluation

### IMMITTANCE METER

Basic as well as advanced measurement techniques and procedures for diagnosis of middle ear condition

### OTO ACOUSTIC EMISSIONS (OAEs)

The department has advanced diagnostic and screening OAE instruments for the assessment of cochlear hair cell function

### BRAINSTEM EVOKED RESPONSE AUDIOMETRY

Labs are also equipped with most advanced clinical/research instruments to assess auditory brainstem responses.

### MULTICHANNEL EEG/ERP

The state-of-the-art, full fledged research system used for sensory, cognitive, and language studies.

## Career opportunities

Students completing atleast the graduation course are entitled for the designation of 'Audiologist and Speech-Language pathologist' (ASLP). Such professionals have an excellent opportunity to work in a variety of set-ups such as hospitals, rehabilitation centres, polyclinics, industries, training institutions, and they even have the option of doing private practice. Currently, ASLPs are in an increasing demand to work in the country as well as abroad with an attractive salary package and other benefits.

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#### Contact:

HOD

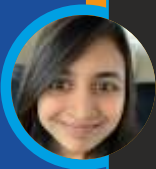
Dept. of Speech and Hearing

aslp@manipal.edu

Ph: +91 820 2922577

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## Alumni Feedback



I'm a cognitive neuroscientist and an academic at Royal Holloway, University of London. My research focuses on the brain basis of developmental speech and language disorders. In terms of my training, I did a PhD at Birkbeck, University of London, my MSc at UCL, and my undergraduate degree at Manipal. I picked Manipal for my undergraduate degree because of its outstanding medical school and beautiful setting. Even though I wasn't training to be a doctor, as a speech and language therapist, I knew the clinical setting would be invaluable. Indeed, my clinical training was diverse and intensive; I had a chance to work with adults with brain lesions, children with communication disorders like autism and dyslexia, people who stammered singers with voice issues - I could go on. I counted up my clinical hours at some point, and I spent over 2000 hours in clinics as a student. I know this clinical experience has stood me in great stead through my academic career - I have drawn on as a basis for my research questions. I'd definitely recommend Manipal as a place to study

**Dr. Saloni Krishnan (BASLP, 2004)**

Cognitive Neuroscientist and an academic at Royal Holloway, University of London.

## Alumni Feedback



The experience at Manipal College of Health Professions, MCHP, MAHE was an extremely pleasurable one! The college creates a great place for the students and professors, an environment that's conducive not only for education as well as multi-faceted activities with professors, colleagues, and other students. What can I say? The decision to pursue my BASLP degree at MCHP, MAHE was undoubtedly the best. Its left me with a quality I am able to provide to my profession, and that makes me proud.

**Zinagna Shah (BASLP, 2014)**

Working as Speech and Language Therapist (SLT) at Nairobi, Kenya



# DEPARTMENT OF MEDICAL LABORATORY TECHNOLOGY

**Medical Laboratory Technology (Laboratory Medicine) is concerned with the detection and measurement of biological changes in disease. Medical laboratories carry out a wide range of biological investigations in ever increasing numbers in a complex automated and computerized working environment. In addition to routine diagnostic work, personnel are also frequently involved in clinical trials work, Quality assurance and research and so require a detailed knowledge of the effects of disease on biological measurements. Medical Laboratory Technology is a constantly evolving and rewarding career and an integral part of a health care system.**



## Courses Offered

### **B.Sc. in Medical Laboratory Technology (B.Sc.MLT)**

The degree program offers skill based training in the various domains of laboratory medicine. 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.

**Duration:** 4 years inclusive of 1 year internship (8 Semesters)

### **Master of Science in Medical Laboratory Technology (M.Sc.MLT)**

#### **Specialization offered:**

- M.Sc. (MLT) Clinical Biochemistry
- M.Sc. (MLT) Microbiology & Immunology
- M.Sc. (MLT) Haematology and Immunohaematology
- M.Sc. (MLT) Public Health Laboratory Science

Students are trained to acquire skills in Clinical Biochemistry, Microbiology & Immunology, Haematology and Immunohaematology and Public health laboratory science which includes academics, clinical postings and research in their specialized fields for diagnosis and treatment of diseases. They are also trained to manage and maintain the quality assurance in the Clinical Biochemistry laboratory/Microbiology laboratory/ Haematology and Immunohaematology laboratory and Public Health Laboratory Science.

### **Doctor of Philosophy (PhD)**

Full time PhD programs are offered in Medical Laboratory Science and its interdisciplinary areas

### **Clinical Facilities**

The students are well trained in the various state-of-the-art clinical laboratories of Kasturba Medical College Hospital, Manipal, which includes - Clinical Biochemistry, Clinical Pathology, Clinical Haematology, Clinical Microbiology (Bacteriology, Mycology, Virology and Parasitology), Clinical Immunology, Molecular technology & Genetics and Transfusion Medicine.

These laboratories are well equipped with the most sophisticated instruments and both under graduate and post graduate students are getting training on advanced technologies like Auto analysers, Immunofluorescence, ELISA, Western blot, PCR and other molecular techniques, HLA Typing, Karyotyping, Drug and Hormonal analysis, Automated tissue processing etc.

In addition to this, there is an Analytical laboratory and a Multi- purpose laboratory in the Department itself to conduct the practicals for students. These labs are equipped with enough number of microscopes, centrifuges, spectrophotometers, ELISA reader, weighing balance, water bath, Incubator, hot- air oven, pH meter, electrophoretic chamber etc. and are spacious and student friendly for instruction and independent practice.





## Career Opportunities

Whether you are an experienced laboratory professional, or a new graduate, Medical Laboratory Technologists (MLTs) are one of the largest groups of health care professionals, and their career outlook is very positive.

While most Medical Laboratory Technologists work in hospitals, educational institutes and private laboratories, MLTs also find challenging employment in other areas.

From industrial research and public health laboratories to forensic and pharmaceutical laboratories, the MLT's analytical, scientific and technical skills are a valuable asset.

## Highlights

Third centre in India to start post graduate program in Medical Laboratory Technology, the department is committed to provide, efficient and balanced training in Laboratory Medicine, including research and fostering the development of sub- specialty expertise tailored to each student's career goals.

Training at NABL accredited clinical labs of Manipal Hospitals. UG & PG Courses are certified as per ISO standards. Internship opportunities are offered at Manipal group hospitals at Bengaluru, Mangaluru and Jaipur.

### Other career options include:

- Consulting
- Research & Product Development Laboratory
- Information Systems Supervision/Administration/Management
- Public Health/ Infection Control
- Quality Assurance/ Total Quality Improvement
- Sales & Marketing
- Forensic Biological Sciences
- Laboratory Genetic councillor



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### Contact:

HOD  
Dept. of Medical Laboratory Technology  
mlt.coahs@manipal.edu  
Ph: +91 820 2923099

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## Alumni Feedback



MCHP, MAHE, Manipal is the best place to study MLT program. I had a chance to learn from the best teachers in the field of laboratory medicine. The infrastructure at Department of MLT at MCHP is great for research and learning the skills required to become thorough professional.

**Loy Edison Mascarenhas (B.Sc. MLT 2010, MSc MLT 2014)**  
Senior Application Specialist  
Roche Diagnostics India Pvt Ltd.



I would say, it is a medical research oriented course and will be a great foundation for anyone who wants to progress in medical research career in the future and I would definitely recommend MAHE, as a top class university

**Dr. Reena Reshma D'Souza (M.Sc.MLT 2004)**  
Post-Doctoral Researcher, University of Oxford, UK



## DEPARTMENT OF HEALTH INFORMATION MANAGEMENT

If you have an interest in Healthcare, Management, and Information Technology, then Health Information Management may be the right career choice for you. Positioned at the heart of the health care system, Health Information Management professionals' responsibilities include planning health information systems and identifying current and future health information needs, contributing both to the healthcare system and people's health for medical decision making and patient care planning.

## Courses Offered

### B.Sc. Health Information Management

This graduate program is designed to equip students to take up independent middle level managerial positions, interacting with all levels of health care organizations, and use patient data in decision making and everyday operations. The graduates may work in a broad range of settings that span the continuum of healthcare including hospitals, physician practices, nursing homes, home health agencies, mental health facilities, and public health agencies.

This program also has a provision of semester aboard option of two semesters for all those who qualify and opt for it, to choose to do their 7th and 8th semester at Indiana University Purdue University (IUPUI), Indianapolis, USA; and an opportunity to write the AHIMA RHIT certification.

This program also has a provision for BSc. M.S Integrated program in collaboration with School of Informatics and Computing, Indiana University - Purdue University at Indianapolis (IUPUI).

**Duration:** 4 years (8 semesters)

### M.Sc. Health Information Management

This interdisciplinary program, focusing on Health Information Management, Health care administration, Information Technology in Health care and Applied areas in Healthcare, is a unique postgraduate program specially designed based on recent health care market requirements.

The course structure is developed systematically, incorporating intensive training & specialized curriculum, to equip students to multi-task in today's competitive health care environment. Positioned at the top of the healthcare management team, these HIM professionals use their clinical knowledge of disease and surgical procedures, technical knowledge of computer systems, and their management skills to set up and monitor these healthcare systems.

**Duration:** 2 year (4 semesters)

### M.Sc. Health Informatics

This program is designed based on healthcare industry and IT industry requirements and enables students to become an efficient and constructive health informatics specialist with help of the knowledge & skills they acquired from intensive training & specialized curriculum. The program is offered jointly by Manipal College of Health Professions (MCHP) and School of Information Sciences (SOIS), Manipal with two specializations.

This program also has a provision of providing an opportunity to eligible candidates on completing the first year at MCHP, MAHE to pursue their M.S. Degree in Health Informatics at School of Informatics and Computing at Indiana University Purdue University (IUPUI), Indianapolis, USA

**Duration:** 2 years (4 semesters)

### Doctor of Philosophy (PhD)

Full time PhD programs are offered in Health Information Management, Health Informatics and its interdisciplinary areas







Health Informatics Lab

## Career opportunities

### For Health Information Management Professionals

Traditional settings include: Managing an HIM/Medical records department, cancer registry, coding, trauma registry, transcription unit quality improvement, release of information, patient admissions, compliance auditor, physician accreditation, utilization review, physician offices and risk management.

Non-traditional settings include: consulting firms, government agencies, law firms, insurance companies, correctional facilities, extended care facilities, pharmaceutical research, information technology and medical software companies.

Since accreditation of hospitals and other health care settings are becoming increasingly important in the national scenario with agencies like NABH, JCI etc. involved in accreditation, role of health information managers are inevitable.

### For Health Informatics Professionals:

As the Health informatics professionals design and develop information systems that meet the needs and requirements of management, users, and stakeholders, they can play following key roles in healthcare and IT industry: IT Health Advisor / Healthcare Executive IT / Healthcare Manager IT / Technical Consultant / IT Medical service Executive / Clinical Information Manager / System Developer / System Analyst / Health Information Technologist / Healthcare IT Consultant / Clinical Informatics Analyst / Health Informatics Director / Chief Medical Information Officer / Healthcare IT project Manager

## Clinical Facilities

### Health Informatics Laboratory

Health Information Management Department has a modern, well equipped Health Informatics Lab, with more than 25 workstation with sophisticated software required for advanced training in Health Informatics, Computer Application in Health, Medical Transcription and Database Management System. All the systems have internet connectivity to enable students learning process for acquiring information on recent developments in health information management and research. This lab is also intended to facilitate student's participation in Seminars and Continuing Health Information Education Program.

Being attached to Kasturba Hospital, Manipal allows students to get hands-on-training from one of the largest and best medical records department of the country.



## Department Highlights

- The department has placement facility for its students.
- The department boast of some good industry alliances which gives the students chance to work and learn from big names in Indian Healthcare industry.
- The department conducts regular continuing health information education programs to allow its students to enrich their knowledge on recent advances in health care industry. The students are also provided with ample opportunities to interact with health care industry experts.
- The department conducts regular research activities that provide hands on research exposure to the students.
- All the passed out students of this course are well placed at various well known healthcare organizations.
- The department is well-regarded in the healthcare industry as one whose students are capable of taking on independent responsibilities and making a mark for themselves.



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### Contact:

HOD

Dept. of Health Information Management

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Ph: +91 820 2937512

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## Alumni Feedback



As a student in the BSc in Health Information Management (HIM) program, I gained the knowledge and confidence to use various quantitative and qualitative approaches in my work with diligence. The HIM course work has been invaluable, from facilitating the digitization of a district-level medical records department in Malawi to conducting high-level evaluations in Switzerland. Significantly, the courses in public health information management, paramedical subjects, and quality assurance in hospitals and health statistics are enormous assets that I continue to use. Furthermore, the instructors in each course were patient, understanding, and highly knowledgeable. I would strongly recommend this program to anyone who wants a solid foundation in health information management. The BSc HIM program is fantastic and has genuinely changed my career path for the better!"

**Tridip Borah (B.Sc. HIM 2008)**

Technical Officer (Evaluation Specialist), World Health Organization - HQ, Geneva

## Alumni Feedback



With the semester abroad program, I was fortunate enough to pursue my final year at IUPUI, Indianapolis and achieve the RHIA credential. The HIM course work focussed on theoretical and technical training to help students develop core skills necessary to meet the career requirements of today's healthcare industry

**Lubna Subair (B.Sc. HIM 2016)**

RHIA | Currently pursuing Masters in Health Informatics in US.



## DEPARTMENT OF OPTOMETRY

**Optometry is a healthcare profession dealing with the examination of eye and visual system providing comprehensive vision care. This includes refraction, detection/diagnosis of ocular diseases, dispensing of contact lens & spectacles and rehabilitation including vision therapy and low vision management.**





## Courses Offered

### Bachelor of Optometry (B.Optom)

This course is designed to prepare the graduates with holistic clinical expertise of visual system in performing the Optometry practice among the community. This introduces recent advancement in clinical care, research and teaching, enabling the graduate to be competent in practice and showcase effective skill at the workplace. The profession provides a scintillating career ahead into three pillars of clinical care, research & teaching. This course creates a platform to specialize in contact lens dispensing, low vision rehabilitation, pediatric care and geriatric services.

**Duration:** 4 years inclusive of 1 year internship  
(8 Semesters)



### Master of Optometry (M.Optom)

This course aims graduates to acquire advanced clinical skills with self-directed learning experience under the mentorship of subject experts. Emphasis will be given to enhance the research capability as well. This prepares the graduates ahead to take up interesting path careers in vision sciences as per the current demand from the industry and recruiters.

**Duration:** 2 years (4 Semesters)

### Doctor of Philosophy (PhD)

Full time PhD programs are offered in Optometry and its interdisciplinary areas



## Clinical Facilities

- **Primary eye care clinic:** Students will get exposure in general examination of eye and visual system, such as vision assessment, measurement of refractive errors, anterior and posterior segment evaluation and other tests.
- **Pediatric and Orthoptic Clinic:** This clinic specializes in evaluation, diagnosis and management of wide range of ocular problems and visual disorders in children as well as adults. It also offers vision therapy services for children and adults.
- **Contact lens clinic:** It offers fitting of contact lenses and follow-up care for therapeutic and cosmetic needs. It is designed to allow the students to gain clinical experience under close supervision by qualified staff and is equipped with instruments like slit lamp imaging system, corneal topographer, pachymeter etc
- **Low vision & Rehabilitation clinic:** This clinic helps the visually impaired patients to regain some independence in activities such as reading, recognizing faces, walking, managing house hold tasks, returning to work, enjoying hobbies and classroom participation. It provides a variety of vision enhancement devices for the visually impaired people to help to maintain independence and quality of life.
- **Community eye care services:** Community outreach programs organized by departments of Optometry and Ophthalmology help the students to understand the importance of community eye care and provide a great opportunity for the primary eye care delivery under the supervision of qualified teachers.
- Well-equipped 2400 sq. feet of pre-clinical lab with basic and advanced instruments, equipped with latest instrumentations, the graduates get opportunities to explore and abreast with current advanced technologies in vision sciences.

## Highlights

- Department of Optometry is affiliated to Association of Schools and Colleges of Optometry in India (ASCO) which is a member of World Council of Optometry (WCO)
- Resource center for International Association of Contact lens Educators (IACLE), Sydney, Australia
- Resource center for International Center for Eye care Education (ICEE), Sydney, Australia
- State-of-the-art facilities in primary eye care, contact lens, low vision and pediatric clinic
- Attached to a well equipped Ophthalmology department
- Opportunity to core Optometry research
- Advanced library with a large collection of books and on-line journals

**Accreditation:** Curriculum benchmarking to European standards through ECOO (European Council of Optometry & Optics) has been initiated. Successful completion of this initiative enables graduates to be eligible for accreditation exam in Europe more easily.

An amount of approximately 3.5 crores grant money received by the department from governmental and industrial funding agencies, provides opportunity to get involved in multidisciplinary research. Research domain involves development, reliability and validity measures of devices and launching them to the community at a cost effective value. These collaborations and MOUs with biomedical firms and startup companies provide graduates with hands on experience with the current research culture

**Co-scholastic activities:** The department emphasis in enhancing the co-scholastic aspect in the form of cultural events, sports activities, conferences and workshops at regular intervals. This imbues the leadership qualities in graduates and trains them to be leaders in the future.

## Career opportunities

- An independent practice (own eye clinic/optical outlet)
- As a consultant optometrist in hospitals with ophthalmologists
- In specialty eye clinic as:
  - Contact lens specialist
  - Pediatric optometrist
  - Orthoptist
  - Low vision practitioner
- As a consultant optometrist in optical outlets
- As a technical expert/professional service executive in multinational companies which make contact lenses, ophthalmic lenses, ophthalmic/optometric instruments and ocular medications
- In public health and community eye care
- Teaching in optometry institutions
- In the area of research

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### Contact:

HOD

Dept. of Optometry

[optometry.mcoahs@manipal.edu](mailto:optometry.mcoahs@manipal.edu)

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## Alumni Feedback

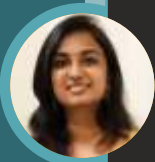


My time with Department of Optometry, MAHE was extremely enjoyable. This fantastic two-year postgraduate program helped me to develop clinical skills, opportunity to attend medical camps with multidisciplinary team and academic freedom to choose the topic of my interest in research project. I have benefited from the excellent laboratory setup and got a chance to learn from expertise faculties. Being an Optometrist getting exposed to the research activities in animal lab and carry-out research on animals is always a unique experience. Manipal campus is the liveliest place and I fell in love with its wide range of talent on campus. I am grateful to be a student of MAHE.

**Shashidhar Dantapuram (MOptom 2019)**

Vitreo Retinal Development Specialist, Alcon Laboratories (India) Private Limited

## Alumni Feedback



MCHP has been my stepping stone since 2015 when I started my Bachelors in Optometry program. The robust curriculum there offers great knowledge and practical skills. In terms of research, in the literal sense the sky is the limit as they provide great opportunities for interdisciplinary research work enabling students to explore a wide range of topics. As a matter of fact I had the privilege of conducting animal research which was out of my comfort zone. That particular experience was a great learning. Manipal, is undoubtedly one of the best places with a lively campus life and a home to students from more than 50 countries in the world.

**Elizebeth Olive Akansha (MOptom 2020)**

Doctoral Student at University of Houston, Texas, USA





## DEPARTMENT OF RESPIRATORY THERAPY

**Respiratory Therapy is an allied health profession which gives one opportunity to treat the critically ill admitted in Intensive care units. Respiratory therapists closely work with intensivists to evaluate and care for patients with breathing disorders. Respiratory therapy ranges from round-the-clock care to infants whose lungs are not fully developed to the elderly whose lungs are diseased. They are an integral part of the pulmonology team and emergency medical team tackling code blue and rapid response calls in hospital.**

## Courses Offered

### Bachelor of Science in Respiratory Therapy (B.Sc. RT)

The objective of the program is to educate and train the candidates to independently evaluate, assess, diagnose, plan and practice respiratory therapy in critically ill patients. The course prepares students to give intensive care to patients suffering from diseases ranging from medical to cardiac, neuromuscular and pulmonary illness requiring ventilatory care and subsequent pulmonary rehabilitation. They are trained in pulmonary function testing and polysomnography which promises opportunity for independent practice.

**Duration:** 4 years inclusive of 1 year internship (8 Semesters)

### Master of Science in Respiratory Therapy (M.Sc. RT)

The program helps in enhancing skills in adult, pediatric and neonatal respiratory care, to incorporate evidence based practices and to encourage research in the field. The curriculum includes licensure exams like Advanced cardiac life support, Pediatric advanced life support and International trauma life support which is accepted worldwide. The course work provides the candidate with the platform to excel in teaching and administrative skills.

**Specializations:** MSc RT- Adult Respiratory care and MSc RT Neonatal & Pediatric Respiratory Care are the specialty areas in masters program.

**Duration:** 2 years (4 Semesters)

### Clinical Facilities

- The department has a full-fledged respiratory therapy equipment lab with cylinders, flow meters, pressure regulators, adult & neonatal intubating mannequins, adult & paediatric resuscitation mannequins, various oxygen therapy equipments, mechanical vibrators, and mechanical ventilators.
- The Respiratory Therapy Department has a fully equipped modern Pulmonary Function Testing lab consisting of a portable PFT machine along with a high end state of the art Quark PFT machine for diffusion lung tests.
- **Sleep Diagnostic Testing lab:** Department has a diagnostic sleep machine for polysomnographic studies along with a CPAP titration machine.
- The department possesses the state of the art adult High Frequency Oscillatory Ventilator SENSOR MEDICS 3100b.
- **Transport Ventilator:** Department is equipped with Drager Oxylog 3000 for transportation of the critically ill in intra- & inter hospitals.



## Highlights

The Department of Respiratory Therapy (First in India) was started in 1995 on the similar lines of the respiratory therapy program offered at The College of Allied Health Professionals, Loma Linda University, California. The course curriculum was tailored to suit the Indian medical system.

- The students are given exclusive training in different speciality clinics like Medical ICU, Neonatal ICU, Pediatric ICU, Neurology ICU, Cardiology ICU, Surgical ICU, triage, operating rooms and Pulmonology department.
- Faculty of the department has publications in reputed national and international medical journals.

## Career opportunities

Respiratory therapists are placed in traditional and nontraditional areas including:

- Intensive care units
- Industrial Medical facilities
- Educational Institutions
- Home care facilities
- Sleep Medicine clinics
- Lung function labs
- Pulmonary Rehabilitation Center
- Emergency Medical Units



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### Contact

In-charge Head  
Dept. of Respiratory Therapy  
respiratory.therapy@manipal.edu  
Ph: +91 820 2922386

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## Alumni Feedback



MAHE is much beyond an institution, it is a culture. Culture of diversifying crowd and excellent education. The Respiratory Therapy department has moulded me into what I am today, and I feel proud to tell people that am from MCHP, MAHE. I am very grateful to all my teachers and mentors and friends who helped me become who I am today. They help me walk the bridge from what I want to achieving the same and touching the sky with flying colours.

**Ritesh Kumar (B.Sc. RT 2010)**  
Respiratory Therapist  
Hamad Medical Corporation



My overall experience at Respiratory Therapy department, MAHE has been amazing, and the college is having an amazing Infrastructure. The Department of Respiratory Therapy has provided me with several opportunities to grow and explore my skills. I have always found a positive and healthy environment. I am very thankful to MAHE for providing me with an opportunity to be a part of your organization. It has added several values to my life.

**Praveen Prabhu (B.Sc. RT 2014)**  
Respiratory Therapist  
SEHA, Abu Dhabi





## DEPARTMENT OF MEDICAL IMAGING TECHNOLOGY

**Medical imaging Technology is one of the advancing profession with excellent job prospects. It is committed to offer Diagnostic and Therapeutic Radiological service facilities and assist procedures such as Ultrasonography, Computerized Tomography (CT scan), Magnetic Resonance Imaging (MRI) and Digital Subtraction Angiography (DSA).**



## Courses Offered

### Bachelor of Science in Medical Imaging Technology (B.Sc. MIT)

The Graduate program 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.

**Duration:** 4 years inclusive of 1 year internship (8 Semesters)

### Master of Science in Medical Imaging Technology (M.Sc. MIT)

This program is designed to upgrade Medical imaging Technologist in advanced medical imaging procedures to work as Radiology Managers and actively participate in research activities in the dynamic field of Medical Imaging.

**Duration:** 2 years (4 Semesters)



CT Room

### Doctor of Philosophy (PhD)

Full time PhD programs are offered in Medical Imaging Technology and its interdisciplinary areas

### Clinical Facilities

The department is equipped with the following state-of-the-art equipment for diagnostic and therapeutic Imaging services:

- 1.5 T Magnetic Resonance Imaging (MRI)
- Computed Tomography (CT): 16 slice big bore CT & MDCT-128 Slice
- Digital Radiography (Phillips 2000 Dual)
- State of art Digital Fluoroscopy (ICONOS R 200)
- Digital Subtraction Angiography (DSA)- Allura XPer FD20
- Computerized Radiography (CR System)
- General Purpose X-ray Units
- Picture Archival and Communication System (PACS)
- Radiology Information System (RIS)

### Highlights

- Digital environment: Filmless Department
- 3rd Institute to start post graduate program in this field in the country.
- BSc. MIT and MSc. MIT is recognized by Atomic Energy Regulatory Board

## Career opportunities

- BSc.MIT Graduates have the opportunity to pursue Masters and can specialize in any of the Imaging modalities
- Graduates can work as Imaging Technologists in Hospitals with Radio diagnostic facilities both in public and private sectors.
- Graduates can join as an application specialist in Medical Imaging equipment companies such as GE Health care, Philips, Siemens, etc.
- Graduates can take up Teaching positions in Educational Institutions and can pursue research activities in Medical Imaging.



Siemens ICONOS procedure room



MRI

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### Contact:

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Dept. of Medical Imaging Technology  
medicalimaging.mcoah@manipal.edu  
Ph: +91 820 2922972

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## Alumni Feedback

"I'm optimistic that, academic period spent in Manipal MCHP is a lifetime archiving of knowledge blended with practical experience."



**Mustapha Barde** (B.Rad), PGCT, ISRR, PGDPAP (MSc MIT 2015)

Assistant Lecturer  
Department of Medical Radiography  
Faculty of Allied Health Sciences  
Bayero University Kano, Nigeria  
Mobile: +234-806-116-8979

"It had been a wonderful experience to be a part of MCHP family"



**Saurav Das** (B.Sc. MIT 2013)

Clinical Application Specialist, GE Health Care, India





## DEPARTMENT OF NUCLEAR MEDICINE

**Nuclear Medicine Technology (NMT) is concerned with the diagnostic and therapeutic use of radionuclides in various benign and malignant disorders of the human body. Nuclear Medicine department carries out a wide range of procedures with the help of different radiation detectors, the most common being the Gamma Camera, and PET CT scanner. In addition to routine diagnostic and therapeutic work, personnel are also frequently involved in clinical trials work, Quality assurance and research. Nuclear Medicine technology is a constantly evolving and rewarding career and an integral part of a health care system.**



## Courses Offered

### B.Sc. Nuclear Medicine Technology (B.Sc.NMT)

It is a full-time, four years educational program that leads to a career in diagnostic and therapeutic nuclear medicine. During the program, students acquire academic knowledge, technical skills, and critical thinking experiences necessary to become proficient healthcare professionals. Department's dedicated physics, pharmacy and research lab adds value to the training. Participants put their scientific knowledge into practice, and are prepared in nuclear medicine procedures related to patient diagnosis and treatment. Qualified graduates work in Hospital set up as a part of Health care team or independently, in research area as assistants and in quality control departments. Academic job opportunities are also available to them.

**Duration:** 4 years inclusive of 1 year internship (8 Semesters)

### Master of Science in Nuclear Medicine Technology (M.Sc. NMT)

M.Sc. NMT curriculum to have been tailored to provide motivated professionals having enhanced knowledge and skills with a better sense of accomplishment and increased self-confidence; they are also encouraged to take up teaching and do Ph.D. in Nuclear Medicine Technology as there is a dearth of teachers in this branch.

**Duration:** 2 years (4 Semesters)

### Doctor of Philosophy (PhD)

The Department offers PhD program with a aim to develop fine tune researchers in the area of nuclear medicine.



## Clinical Facilities

The students are well trained in the state-of-the-art facility of Kasturba Hospital, Manipal. This Centre is well equipped with the most sophisticated instruments like Dual head SPECT-CT Gamma Camera, Spectrometer, G.M. counter, Uptake probe, Liquid Scintillation counter, RIA gamma counter and other RIA accessories, Electronic balance, Chromatography accessories, Dose Calibrator, Survey Meter, Contamination Monitor, Area Monitor, Microscopes, centrifuges. etc. Both undergraduate and postgraduate students are trained in technologies like imaging, nonimaging diagnostic nuclear medicine, nuclear physics practical work and therapy.



## Career Opportunities

To work as AERB recognized technologists

To have a career in teaching as well as research

To work as manager and RSO in industries/R&D set ups.

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### Contact:

In-charge Head

Dept. of Nuclear Medicine

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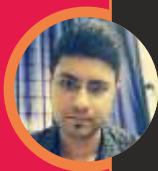
## Alumni Feedback



It brings me great pleasure to announce that I am a proud MAHE alumnus. This university awarded me a B.Sc. in Nuclear Medicine and a PGDNMT few years ago. MAHE was the most targeted university among all when I started looking for colleges around the country during my high school education. The repute of MAHE, its position among other universities in the country, and the past experiences of some of my acquaintances who were formal students all drew my interest. The academic relationship between teachers and students during and after studies is truly a source of pride for its alumni. In reality, the confidence I gained as a result of our friendly relationship allowed me to advance in my career. The motivation I got during my four years at the institution served as a springboard for my professional career. The expertise I received at this university helped me find gainful employment as an RSO, EHS professional, and System Engineering professional in Siemens Healthineers' Research & Development section, one of the most reputable German-based organization. And now I'm in a position to discover my life's mission.

**Noby Varghese (B.Sc. NMT 2009)**

RSO and Specialist, SIEMENS HEALTHINEERS, Bengaluru

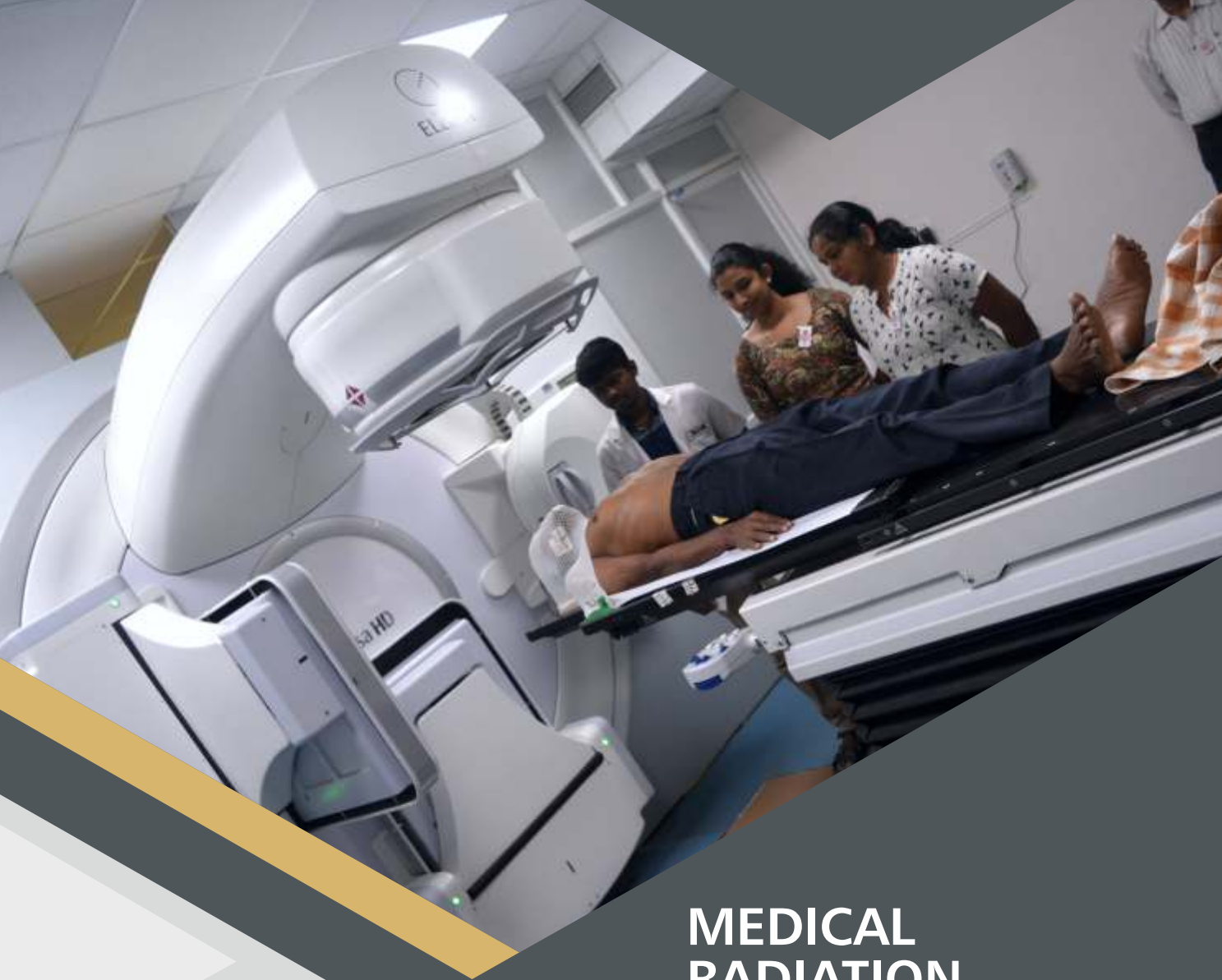


Currently, I am working in London. I am the first Indian to become a Clinical Scientist in the field of nuclear medicine physics in the UK. Throughout this journey, I am eternally grateful to my institution and faculty members. During my time at the department, I was able to grow academically and achieve my research goals in nuclear medicine. The knowledge and skills I gained from this course were extremely useful to my research career and Ph.D. The college and university campus has a vibrant atmosphere, and students have access to high-quality library resources and many other resources. In addition to the knowledge, the friendly environment and sports facilities of the university encouraged me to step outside my comfort zone. Overall, I am very grateful for the opportunity to study at the university of my choice and to be able to pursue the course I had my heart set on. Thank you so much for everything.

**Amit Nautiyal, PhD, (M.Sc. NMT 2010)**

Clinical Scientist (Medical Physicist), Nuclear Medicine  
Department of Medical Physics & Clinical Engineering  
Cromwell Hospital





## MEDICAL RADIATION PHYSICS PROGRAM

**Radiotherapy is a modality of treatment for persons with cancer. As a part of the radiation therapy team the medical physicists and radiation technologists are involved in clinical treatment planning process and responsible for the accurate delivery of radiotherapy to the cancer patient.**

## Courses Offered

### Bachelors of Science in Radiotherapy Technology (B.Sc. RTT)

The graduate programs educates and train students to become competent Radiotherapy Technologists and enable them to independently manage all the machineries available in the field of radio therapy and help Radiation Oncologists in the proper treatment of malignant diseases, with minimum radiation hazards and quality patient care.

**Duration:** 4 years inclusive of 1 year internship (8 Semesters)

### Master of Science in Medical Radiation Physics M.Sc. (MRP)

Medical Radiation Physics is a discipline concerned with Application of physical concepts and methods to the understanding of human body in health and disease. This course designed to produce post-graduates with specialized skills in Medical Radiation Physics, as applied to Radiotherapy, Radiology and Nuclear Medicine. The students are trained mainly in Physics of Radiotherapy and in Radiation Safety pertaining to Radiotherapy.

**Duration:** 2 years (4 Semesters)

## Clinical Facilities

- Medical Linear Accelerator capable of delivering 3DCRT, IMRT, VMAT, SRS, SRT and SBRT
- HDR treatment unit for brachytherapy
- Varian Acuity conventional simulator for 2D imaging
- CT scanner for radiotherapy planning
- Contouring stations MONACO-5.1, Verisoft, Oncentra Masterplan.
- Radiation treatment planning systems like MONACO-5.11, Oncentra Master plan and External beam radiotherapy planning Verisoft for and Brachytherapy

## Highlights

- Atomic Energy Regulatory Board (AERB) has approved the syllabus of both M.Sc.MRP and B.Sc.RTT
- State-of-the-art clinical training



## Career opportunities

### Radiation Technologist:

- Radiation Technologist/Radiographers in an University hospital setup/Hospital having Radiation oncology department.
- Application specialist in vendor firms
- Abroad opportunities

### Medical Physicist:

- Medical Physics Faculty in an University/Teaching institution
- Application specialist in vendor firms
- Radiological Safety Officer only in a Hospital setup provided they possess clearance from regulatory body
- Radiological safety officer/ Medical Physicist/Health Physicist/Hospital Physicist/Radiological Physicist in a University hospital setup/Hospital having Radiation oncology department.
- Medical Physics consultant for/in a hospital setup.
- Higher studies abroad.



Brachytherapy



Conventional Simulator



Medical Linear Accelerator

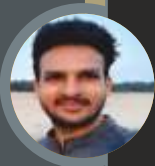
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### Contact:

Coordinator  
Dept. of Medical Radiation Physics  
mrp.soahs@manipal.edu  
Ph: +91 820 2937511

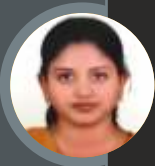
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## Alumni Feedback



Being a student in Manipal is privilege. The environment in the campus is serene, hence student friendly and welcoming. The department provides you with the best in class facilities and instruments. The faculty is also very helpful and provide you with much necessary guidance. At the end of your course you are going to come out with the degree and a lot of personal growth too.

**Brahmaiah Nalapathi, (MRP 2018)**  
Medical Physicist, Homi Bhabha Cancer Hospital And Research Centre,  
Visakhapattanam, Andra Pradesh.



MAHE brings out the best in students. The campus provides us with lots of facilities for academics, sports and cultural. The greenery of the campus relaxes the mind and makes it more welcoming. The faculty are knowledgeable and experienced ever-willing to help and support students in all their endeavors. At the end of tenure students are sure to miss their college life and will definitely come out with flying colors.

**Sushma N Poojary (MRP 2013)**  
Medical Physicist, KIDWAI Memorial Hospital, Bangalore.





## DEPARTMENT OF CARDIOVASCULAR TECHNOLOGY

The department of Cardio vascular Technology is the first independent department in India, training students to perform and interpret wide spectrum of cardiovascular non -invasive procedures. Students are also trained in invasive cardiology Cath lab to assist interventional cardiologists as a team member in various interventional procedures including coronary, valvular, congenital, acquired and electrocardiographic procedures, and also in cardiac device trouble shooting and programming. The core areas of research includes Echocardiography, cardiac pacemakers, coronary/ valvular /congenital heart diseases and cardiomyopathy. Students are trained in advanced state-of-the-art labs in which 3DE, TDI, TSI etc.



## Courses Offered

### **Bachelor of Science in Cardiovascular Technology (B.Sc. CVT)**

This course trains students in all diagnostic modalities of cardiology, especially performing and interpretation of Electrocardiogram, Treadmill Testing, Ambulatory ECG, BP monitoring, Cardiac Pacemaker programming and Interpretation, Echocardiography, (under supervision) assisting and hardware selection in Interventional cardiology like coronary angiography, angioplasty, device closure in

**Duration:** 4 years inclusive of 1 year internship (8 Semesters)

### **M.Sc. Echocardiography**

Masters degree in Echocardiography is a specialized field in Cardiology. The course offers vast knowledge in Echocardiography. The degree holders after completion are capable of performing and interpreting of all types of heart diseases independently. They are specially trained in three Dimensional Echo and newer Doppler modalities like Tissue Doppler, Strain and strain rate imaging.

**Duration:** 2 years (4 Semesters)

### **M.Sc. Cardiac Catheterization and Interventional Technology**

M.Sc.CCIT offers training with a wide spectrum of knowledge in cardiovascular diseases and its diagnostic tests and therapeutic procedures. Every candidate will be

trained in understanding the basic techniques of intervention in the field of cardiac catheterization also they will be trained to obtain extreme knowledge in handling various hardware and equipment's.

### **Doctor of Philosophy (PhD)**

The Department offers PhD program with a aim to develop researchers in the area of Cardiovascular Science.

### **Clinical Facilities**

The department has six Echocardiography machines for clinical training purposes. Students are exposed to Clinical correlation and application of Echocardiography, severity assessment of valvular heart diseases, categorizing the congenital Heart Diseases for device closure, dyssynchrony analysis in dilated cardiomyopathy with LBBB and post CRT analysis etc. The department also has a modern digital cath lab. The students are trained to undertake all types of procedures like coronary intervention, peripheral intervention, device closure for congenital Heart disease, all types of cardiac pacemakers, cardiac resynchronization therapy, implantable cardioverter defibrillators and all types of congenital surgeries including ASD closure, VSD closure, Arterial Switch operation for TGA, Truncus Arteriosus, TDF corrections, PAPVD repairs, PDA ligations, Coarctation repairs and other types of surgeries

## Highlights

- The course focuses mainly on two areas like Echocardiography and Cardiac catheterization/ Interventional Technology. After first two years the candidates have the option of choosing one of the above based on their academic performance.
- Recent advances like Tissue Doppler imaging, 3dimensional imaging, and newer intervention technology
- The MoU has been signed between MAHE on behalf of its constituent unit, Manipal College of Health Professions, Manipal and Genworks to provide Externship training and advanced learning, and also to facilitate research for the benefit of CVT students & faculties.
- Registration under Indian academy of echocardiography.



## Career opportunities

After successful completion students would find placement in superspeciality hospitals, cardiac centers & teaching institution



### Contact:

HOD

Dept. of Cardiovascular Technology

[echo.mcoahs@manipal.edu](mailto:echo.mcoahs@manipal.edu)

Ph: +91 820 2937212

## Alumni Feedback



I am extremely proud of being an Alumni of MCHP, MAHE. As it has been great support throughout my journey to grow.

When it is completely a different Domain you always need a mentorship and external belief system that thrives you to go for more which was done by my college and department, and I shall convey my sincere gratitude.

**Mr. Rasikiran RS (B.Sc. CVT 2012)**

Product Leader - Cardiology  
Genworks Health Pvt Ltd  
Bangalore



MCHP appeared to be a magical place where academic success and diversity coexisted with perfect harmony. The course included modules that broadened my knowledge and improved my practical skills. The amount of clinical knowledge and experience gained during the undergraduate study, in my opinion, is the best element of this course. This course sets you challenges. More importantly, they push you to be independent, which gave me a lot of confidence. This course has trained me to work under pressure and multitask efficiently. I will cherish my friendship with my lecturers for the rest of my life. This education is everything I hoped for and more

**Ms. Simran Agnes Martis (CVT 2017)**

MRes CVHD, The University of Manchester





## RENAL REPLACEMENT THERAPY & DIALYSIS PROGRAM

**The department of Renal replacement and Dialysis Technology provides comprehensive training in the theoretical and technical aspects of dialysis and transplantation. The spectrum of renal replacement therapy ranging from Hemodialysis, Peritoneal dialysis, Critical care Dialysis/ Continuous renal replacement therapy and Renal Transplantation is covered with emphasis on technical aspects and patient care.**



## Courses Offered

### Bachelor of Science in Renal Replacement

### Therapy & Dialysis Technology (B.Sc. RRT & DT)

This course provides comprehensive training in the theoretical and technical aspects of dialysis and transplantation. Hands-on training is combined with didactic lectures and group teaching sessions. This course will equip the student with knowledge and skills of a high standard required in the modern renal unit.



### Master of Science in Renal Replacement

### Therapy & Dialysis Technology (M.Sc. RRT&DT)

This course is the first of its kind in India and is specifically designed to produce postgraduates with special knowledge of the renal sciences and Renal Replacement Therapy(RRT) who will assist the Nephrologist and also take up teaching, training and research roles in the field of Nephrology, Dialysis and Transplantation. The curriculum builds on graduate level competencies in RRT and includes thorough coverage of the basic sciences as applied to Nephrology and RRT and also extends to training in research methodology, statistics and teaching skills. The course will equip the student with skills to train renal technicians, conduct research in kidney disease and RRT and perform a vital role in the modern renal unit.

**Duration:** 2 years (4 Semesters)

### Clinical Facilities

- Hemodialysis unit with 30 machines
- CRRT facility
- CAPD facility
- Renal transplant unit
- Plasmapheresis and hemadsorption



## Career Opportunities

With the increasing demand for renal technologists and there is need to build a cadre of suitably qualified trainers and teachers in this field. Opportunities exist both in India and abroad for these specialized health care personnel not only in clinical Nephrology but also in academic Nephrology.



Hemodialysis Monitoring



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### Contact:

Coordinator  
Dept. of Renal Replacement Therapy and  
Dialysis technology  
dialysis.technology@manipal.edu  
Ph: +91 820 2937510

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## Alumni Feedback



My journey with MCHP, Manipal is something that I would cherish my entire life. The four years spent at University seem just like yesterday. Apart from nourishing you professionally, the institute provides an enormous platform that helps in your overall personality development and be the leaders in global industries across various healthcare sectors.

**Bhaskar Tiwary (B.Sc. RRT & DT 2014, MSc RRT & DT 2016)**  
District MLE Officer, CARE India



I am heartily thankful to all the faculty members of the Renal Replacement Therapy and Dialysis Technology (RRT&DT) SOAHS (now called MCHP), for their continuous efforts and support. Apart from excellent academic experience, the college has molded my personality and clarified my vision of the future. The individual attention and care by the faculty in Manipal to each student is highly commendable. I had the opportunity to study with some brilliant minds from various parts of the country which made learning very fun and easy. Manipal has provided me with a number of opportunities to grow and explore my skills (both curricular and extra-curricular). I cherish each moment spent in Manipal.

**Mr. Hemath (M.Sc. RRT & DT 2015)**  
Assistant Professor Post Graduate Program  
Coordinator Yenepoya School of Allied Health Science Yenepoya (Deemed to be University)





## PERFUSION TECHNOLOGY PROGRAM

**The department of Perfusion Technology offers excellent practical exposure to its students. Further, as a team member of cardiothoracic surgical team, clinical services are offered in terms of managing the physiological and metabolic needs of the cardiac surgical patient.**



## Courses Offered

### **B.Sc. Perfusion Technology (B.Sc. PFT)**

Bachelor of Science in Perfusion Technology or B.Sc. (Perfusion Technology) is a four year graduate program. Course involves the study of physiology, pathology and associated equipment used to support and/or assume the function of the heart and/or lungs during medical procedures.

The perfusion technologist prepares and operates the heart-lung machine and other sophisticated equipment as directed by healthcare physicians. The perfusionist utilizes technology such as heart/lung machines, ventricular assist devices and artificial hearts, as well as pharmacological interventions to maintain the patient during the period of circulatory support.

**Duration:** 4 years inclusive of 1 year internship (8 Semesters)

### **M.Sc. Perfusion Technology (M.Sc. PFT)**

The students in this program practice the art and science of 'Perfusion' efficiently and effectively, backed by scientific knowledge and skill. They continue to evince keen interest in continuing professional development whether in teaching or practice. The students update knowledge by self-study and by attending courses, conferences and seminars. They also undertake audit, use information and carryout research with the aim of publishing or presenting the work at various scientific gatherings.

**Duration:** 2 years (4 Semesters)

## Clinical Facilities

### Operation Theatre

There are two dedicated ultra-modern operation theatres. Each operation theatre is equipped with laminar airflow, AC with Hepa-filter, high-tech operation table, anaesthesia machine, monitoring devices, OR lights, heart lung machine etc.

### CT-ICU

There is 6-bedded modern cardiac intensive care unit (ICU) with one to one nursing and equipped with all necessary sophisticated equipment and monitoring devices.

### Step-Down ICU

8 bedded step down ICU for monitoring of stable patients during post-operative period

## Clinical Activities

The students are provided training to operate heart-lung machine during both closed heart and open heart operations and all minor and major thoracic and vascular surgeries. Some of the common surgeries which involves a perfusionist are as follows:

### Adults:

Valve repair/replacement Surgery, Coronary artery Bypass surgery, Beating Heart surgery, Redo CABG and Valve replacement surgery, Post infact VSD, Combined CABG with valve replacement surgery and closed heart surgeries like PDA ligation, Pericardectomy to name a few

### Children:

All types of congenital surgeries including complex Congenital surgeries which includes ASD closure, VSD closure, Arterial Switch operation for TGA, Truncus Arteriosus, TOF correction, PAPVD repairs, PDA ligations, Coarctation repairs and other types of surgeries.

**General Thoracic Surgeries:** All types of lung resections including lobectomy, pneumonectomy and mediastinal tumor surgeries

### Vascular Surgery:

Peripheral Vascular Bypass and Embolectomy, Aortofemoral and Femoropopliteal Bypass, Major vascular surgeries, Aortic Aneurysm, Dissections and Vascular Trauma

### Cardiac Anaesthesia:

- Latest techniques in cardiac anaesthesia
- Analgesia for painless postoperative care
- State of art anaesthesia machine
- Latest monitoring devices



Cardiac Surgery in progress





## Career Opportunities

A perfusionist, also known as a clinical Perfusionist or a cardiovascular Perfusionist, is a specialized healthcare professional who use the heart-lung machine during cardiac surgery and other surgeries that require cardiopulmonary bypass to manage the patient physiological status.

The Perfusionist is one of the highly trained member of the cardiothoracic surgical team which consists of cardiac surgeons, anesthesiologists, physician assistants, surgical technicians, and nurses. The perfusionist's main responsibility is to manage the physiological and metabolic needs of the of the patient who is undergoing cardiac surgery so that the cardiac surgeon may operate on a still heart. This is accomplished through the utilization of the heartlung machine, as well as its associated components of an oxygenator, filters,

reservoirs and tubing. The Perfusionist is solely responsible for the management of circulatory and respiratory functions of the patient which has a great effect on the patient systemic condition and allows the cardiac surgeon to focus on the actual surgical procedure. Other responsibilities include autologous blood collection and processing, implementation and management of the intra-aortic balloon pump, adult and infant extracorporeal membrane oxygenation (ECMO). In many tertiary hospitals, Perfusionist are also key personnel in placing and managing patients on ventricular assist devices as bridge to recovery or heart transplantation and supporting patients receiving lung or liver transplants. In certain hospitals, Perfusionist are involved in procurement of cardiothoracic donor organs for transplantation.

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### Contact:

Coordinator

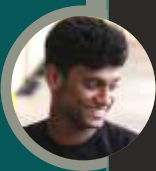
Dept. on Perfusion Technology

perfusion.technology@manipal.edu

Ph: +91 820 2937413

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## Alumni Feedback



"It has been a truly invaluable learning experience in both clinical and academics at MAHE. The department provided me with the best possible platform and infrastructure to excel. I am thankful for the all-time support and motivation given by the faculties which enlightened me throughout this wonderful journey."

**Joseph Mathew (B.Sc. PFT 2017)**

Clinical Specialist - CA & CP

Getinge Medical India Pvt. Ltd



## DEPARTMENT OF CLINICAL PSYCHOLOGY

The department of clinical psychology offers programs in general hospital setting, the first of its kind in India. Clinical psychology practiced in a tertiary general hospital provides a wide range of clients and also liaison with other medical departments. This diversity and resourcefulness has contributed to various specialty clinics like psychodermatology, stroke clinic, memory clinic, psychiatry rehabilitation center, school clinic, and geriatric clinic, making it multidisciplinary. The department involves in various interdisciplinary research involving clinical departments like dermatology, urology, oncology, neurology, paediatrics, plastic surgery, and gastroenterology which is considered as the major strength of the department. Research emphasis is on test construction, qualitative methodology and interventional studies.

## Courses Offered

### **B.Sc. Psychology and B.Sc. Honours in Psychology**

The program helps the students to have a fair knowledge about the role of psychology in better understanding of human behaviour.

#### **Duration**

**B.Sc. Psychology 3 years (6 Semesters)**

**B.Sc. Honours in Psychology: 4 years (8 semesters)**

\*Students scoring CGPA 8.5 and above in 3 year B.Sc. Psychology program will be eligible for B.Sc. Honours in Psychology

### **M.Sc. Clinical Psychology**

First of its kind postgraduate program in Clinical Psychology in a hospital setting in India. Allows the student to observe patients with various mental health concerns and ensures simultaneous transfer of theoretical knowledge to real life clinical scenario throughout the two years

**Duration:** 2 years (4 Semesters)

### **M.Phil in Clinical Psychology**

This super speciality program recognized by the Rehabilitation Council of India offers both academic and clinical expertise to enhance the quality of mental and physical health service delivery, at both the clinical and the community level. Successful completion of this course enables the student to legally practice in India as a clinical Psychologist

**Duration:** 2 years

## Clinical Facilities

The department is well equipped with all the latest assessment tools including diagnostic psychometry, personality assessment, neuropsychological assessment, sexual dysfunction assessment and intelligence testing.

The department provides training in Neurobio feedback and Cognitive retraining. Department offers the following clinical services: Counselling, various Psychotherapies including Behaviour Therapy; third wave Cognitive behaviour therapies, Biofeedback, Family/Marital/Sex therapy; and various assessments including Neuropsychological Assessment; Memory assessment; Personality assessments and IQ assessments. The various speciality clinics run by the department include: memory clinic, Stroke clinic, Urogynaecology clinic, and Psychodermatology clinic. Psychosocial rehabilitation services and school mental health services are also provided on a regular basis. As part of the community mental health services, department is also part of the various weekly psychiatry camps, telemental health services, geriatric camps and mental health services for destitute children's home.





## Highlights

The department is recognised by the Rehabilitation Council of India and provide Two year clinical observation along with theory classes for the students of the M.Sc. Clinical Psychology program.

**Teaching methodologies include:** Didactic lectures, Individual case based clinical supervision, Seminars, Journal clubs, Case conferences, Micro teaching and therapy teaching through videos of therapy sessions of pioneers/stalwarts in the particular modality

## Career opportunities

Opportunities available in the field of clinical psychology are wide and varied. Apart from clinical setting prospects are available in corporate sectors, school settings, community mental health, government organizations, research projects and NGO's. Many alumni are working in middle- east and European countries.



Psychotherapy Sessions



Role Play Sessions

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### Contact:

HOD

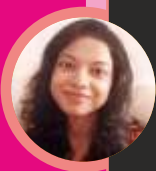
Dept. of Clinical Psychology

psychology@manipal.edu

Ph: +91 820 2937513

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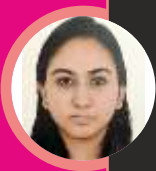
## Alumni Feedback



The masters program in Clinical Psychology at Manipal provided me with the most ideal learning environment to develop my professional competencies. It offered a unique blend of theory rich instruction that was strongly tied to practical exposure. Through my two years in this course, I gained a varied understanding of a breadth of concepts and issues, integral to my development as a scholar of the subject. It also gave me the perfect testing ground to gain essential skills and capabilities to work as a mental health professional. With the keen focus on letting students experience the application of everything that is learned, through the rigorous practical component of weekly clinical training, the masters program ensures the students become sufficiently well equipped to enter the professional context. The teaching faculty only make this experience richer and more significant. Their superior knowledge base and substantial practical prowess distinguishes them as some of the most capable minds in the field. Learning from them has been a distinct privilege. My overall experience at the Master in clinical psychology program at Manipal Academy of Higher Education has been extremely fruitful and one that I continue value in the highest regard.

**Ekasmayi Esha Naresh (M.Sc. Clinical Psychology 2018)**

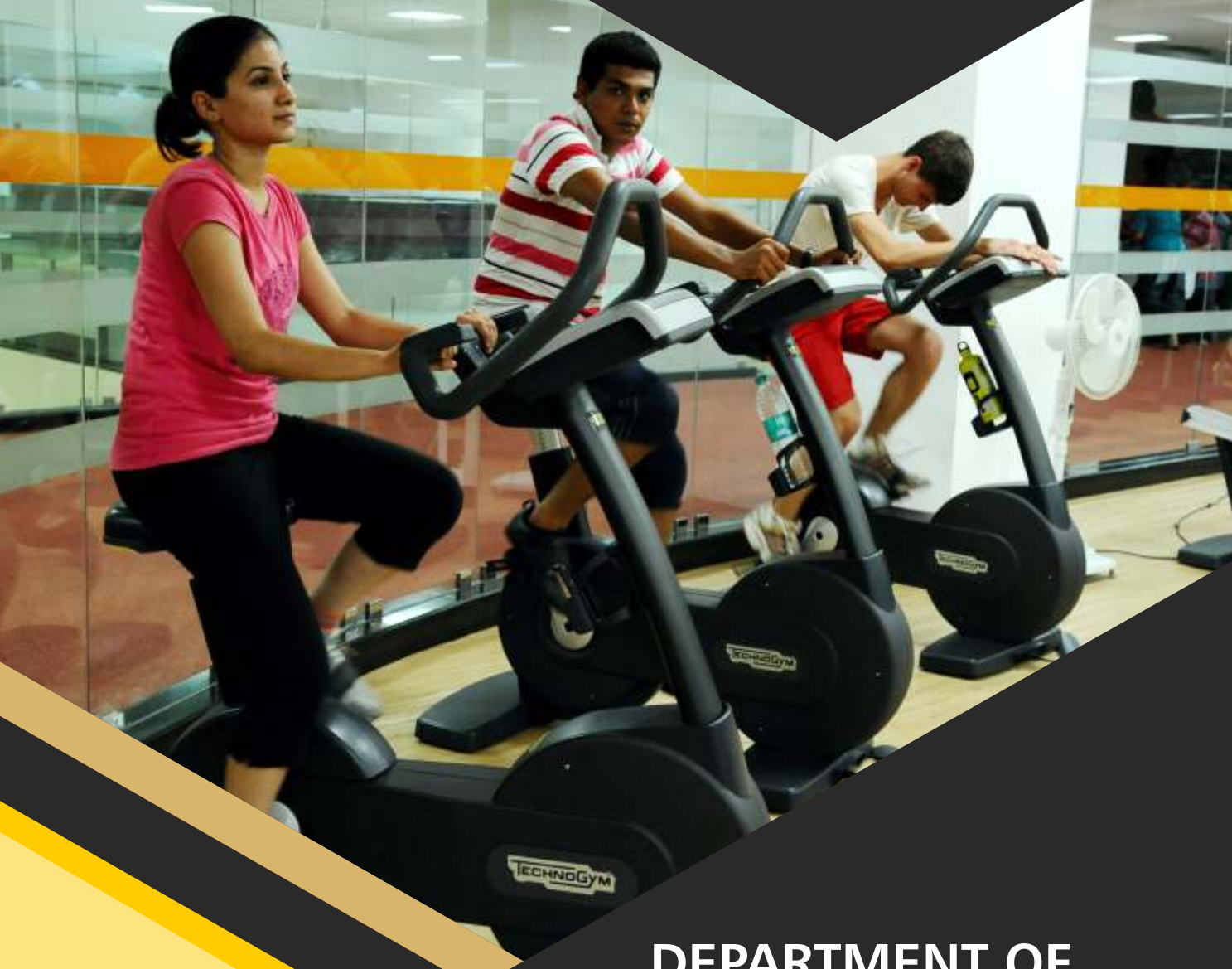
Mental Health Therapist and Researcher at Kaha Mind, Bangalore



The MPhil course offers an insightful and impactful interface between theory and practice to help students develop into confident and well-prepared clinicians. Proximity to interdisciplinary departments and easy access to highly qualified research mentors provide a stimulating research environment. As the department is embedded within a larger teaching medical institution, there is exposure to a wide range of live cases that is bolstered by access to multiple departments and live interactions with senior faculties. The department's faculty brings on board rich and grounded experiences and unique vantage points from different therapeutic schools, thus providing a more holistic and blended learning ecology. In addition, cocurricular learning opportunities such as case presentations, Journal Clubs, Seminars and Therapy Presentations provide pathways for experiential and peer learning.

**Ms. Diti Kohli (MPhil Clinical Psychology 2019)**

Assistant Professor, Department of Clinical Psychology,  
MCHP, MAHE, Manipal



## DEPARTMENT OF EXERCISE & SPORTS SCIENCES

**Exercise and Sports Science is an interdisciplinary field that explores the complex nature of human movement. Sport scientists study and provide exercise prescriptions based on the body's acute and chronic responses to exercise. Exercise science encompasses many disciplines such as exercise physiology, movement analysis, training and conditioning, sport psychology and sport nutrition. Sports science is a sub discipline that explores the factors influencing sport performance. There is a growing demand for exercise and sports scientists around the globe, particularly in India**





## Courses Offered

### **B.Sc. Exercise and Sports Science**

The B.Sc. Exercise and Sports Science course aims to enable students to achieve personal, professional and academic development required to become competent exercise and sports scientists. On completion, graduates will have competencies in performing physiological performance assessments, biomechanical analysis of sports skills, training and conditioning athletes for return to sport and performance.

There are student exchange opportunities to pursue the course at Deakin University, Australia.

### **Duration:**

**B.Sc. Exercise and Sports Science 3 years (6 Semesters)**

**B.Sc. Honours in Exercise and Sports Science: 4 years (8 semesters)**

\*Students scoring CGPA 8.5 and above in 3 years B.Sc. Exercise and Sports Science program will be eligible for B.Sc. Honours in Exercise and Sports Science.





## M.Sc. Exercise and Sports Science

An interdisciplinary field that explores the complex nature of the human movement. Sports Scientists provide exercise prescriptions and conditioning plans for athletes for performance enhancement. There is a growing demand for sports scientists and sports performance coaches in the country. Graduates on completion will have the knowledge, skills, and abilities to work in Sport Medicine centers, professional sports organizations, corporate fitness industry

Current job opportunities: Exercise and Sports physiologist / Biomechanists/ Health fitness specialists/ Sports science faculty

**Duration:** 2 years (4 semesters)



## Highlights

The Department has MoUs signed with Deakin University, Australia allowing for a 2+2 articulation and semester abroad option for undergraduate students. There are MoUs with several sporting organizations in the country allowing for excellent externship opportunities.

## Career Opportunities

Exercise and sports science professionals have a varied scope of practice as an exercise/sport physiologist, movement analysts/ biomechanists, trainers in sports medicine centers, corporate fitness/wellness industry, and conditioning specialists in professional sports organizations.



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### Contact:

HOD In-charge

Dept. of Exercise and Sports Sciences

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## Alumni Feedback



Very grateful to all the experienced faculties who always revealed to us the past, exposed us to the present, and helped us in creating the future. The department with great modern facilities equipped us with the skills required to face the current sports industry's needs. Joining the department for my master's was one of the best decisions of my life.

Tenzin Choejor Zongpa,  
Sprint Coach & Head of Performance, Bridges of Sports.



MAHE has given me a lot of incredible moments to cherish. I was also given freedom to explore and pursue my professional passion as I expected. My experience as an alumni at MCHP Manipal has prepared me well for my position as a Sports Scientist at India's premier sporting organization.

Bimal Raj,  
Sports Authority of India,  
Trivandrum.



## Anaesthesia and Operation Theatre Technology Program

The Anaesthesia and Operation Theatre Technology course is designed in relevance to the current requirement of Anaesthesia Technologist in health care industry. This program prepares the candidate to be a part of the multidisciplinary team in operation theatres, who prepare and maintain an operating theatre, assists anaesthetist and surgical team during peri-operative period and provides support to patients in the recovery room.



## Courses Offered:

### B.Sc. Anaesthesia & Operation Theatre Technology (B.Sc. AOTT)

The focus of the program is to train the students to work along with anaesthetist in administering anesthesia during surgical, therapeutic, diagnostic, and obstetric procedures. Managing contraindications or side effects of anesthesia with patients and patient monitoring during and after surgical procedures.

**Duration:** 4 years inclusive of 1 year internship (8 Semesters)

### M.Sc. in Anaesthesia and Operation Theatre Technology (M.Sc. AOTT)

M.Sc. in Anaesthesia and Operation Theatre Technology is a 2-year course designed to provide in depth knowledge & impart skills for working under supervision of the consultant Anaesthesiologist as well as preparation of operation theatre before & during an elective or emergency surgery both in Anaesthesia & Surgery side. The students are trained in understanding the safe anaesthesia & surgical techniques for various elective and emergency procedures in and outside the operation theatre. During training, students obtain knowledge about the proper functioning of various anaesthetic equipment's such as the work station, anaesthesia monitors, ventilators, syringe pumps etc. They are trained to do all the procedures & also can administered anaesthetic drugs & advanced Anaesthesia techniques under supervision of Anaesthesiologists, perform Basic skills of cardiopulmonary resuscitation in postoperative and intensive care unit.

The students learn the advanced skills of various surgical procedures including the surgical instruments used in the surgical procedures, perform Quality control procedures and to maintain asepsis. The course is designed as a full-time residency program with responsibilities in managing the patients. Anaesthesia and Operation theatre technologists are required over all emergency

clinics during medical procedures like general surgery, plastic surgery, neurosurgery, gynaecology surgery, cardiothoracic surgery and so on.

**Duration:** 2 years (4 Semesters)

#### Clinical Facilities

The students are trained to work along with anaesthetist in administering anaesthesia during surgical, therapeutic, diagnostic, and obstetric procedures. The students are also trained for managing contraindications or side effects of anaesthesia with patients and patient monitoring during and after surgical procedures.

#### Highlights

##### Career Opportunities

- Anaesthesia & OT Technologist in hospitals in India and abroad
- Assistant to the consultant Anaesthesiologist
- Jobs in Teaching and Education in India and abroad
- Surgical assistant
- Medical Instrument Technologist
- Perioperative Care Technologist
- Ambulance Technologist
- Operation Theatre Manager



#### Contact:

Coordinator

Dept. of Anaesthesia and Operation Theatre Technology

[aott.mchp@manipal.edu](mailto:aott.mchp@manipal.edu)

Ph: +91 820 2937413

## Student Feedback



As always in my life my priority is to work in a field which will give me respect as well as satisfaction in my work at Operation theatre. It provided me vast range of knowledge about health and patient care. The support we get from the hospital staff has always encouraged me to learn more and enjoy what I do...the guidance which we got under anesthesiologist has always given us the confidence to assist them and face any casualties of our own without any fear and hesitation. All the faculty members has played a pivot role in exploring our knowledge and skills and apply it in operation theatre during and after surgery. The choice of mine to build my career as an anaesthesia and operation theater technologist proved to be an excellent decision and cherish it for lifetime....

**GUNDA ROHITH (B.Sc. AOTT 2020)**



## Emergency Medical Technology Program

**Emergency medical technologists (EMTs) work in the emergency medical settings and attend emergency medical situations. It is the speciality in which time is precious and EMTs work along with the emergency physician identifying, providing safe and effective care for the critically ill and injured. EMTs work in the challenging environment of the emergency department.**

## Courses Offered:

### B.Sc. Emergency Medical Technology (B.Sc. EMT)

Emergency Medical Technology is a speedily growing and exhilarating speciality, which is much needed with the growing burden of disease and the need for high quality pre-hospital services. It is concerned with the initial diagnosis and management of the acutely ill and injuries affecting people of all age groups with the full spectrum of undifferentiated physical and behavioural disorders.

**Duration:** 4 years inclusive of 1 year internship (8 Semesters)



### M.Sc. Emergency Medical Technology (M.Sc. EMT)

MSc. Emergency Medical Technology is a 2-year course, in this program the candidates are trained with a wide spectrum of knowledge in Emergency Medical Technology.

- Training and research on pre - hospital transport, assessment and stabilization of life threatening emergencies. Development of Simulation based education, training and innovation in Emergency Medical Technology.
- Identifying, assessing and stabilizing obstetric emergencies, pediatrics emergencies and resuscitation in pre-hospital setting.
- Research and training on infectious disease outbreaks and preparedness, telemedicine and communication system, geriatric emergencies and home care.
- The candidates will be able to use critical thinking and decision making during the transport and stabilization of patients in the pre-hospital settings.

**Duration:** 2 years (4 Semesters)

## Clinical Facilities

In the hospital setting, they will have the opportunity to work with Emergency department teams consisting of doctors, nurses and other health care practitioners working round the clock. Certified EMTs carry out their core training in the Emergency department from the very first semester. Their core subjects include Triage, emergency equipment, emergency ECG and hemodynamic monitoring, emergency radiology, Emergency pharmacology, trauma, medical and surgical emergencies, cardiac emergencies, medical law and ethics. Additionally, they are introduced to topics such as telemedicine, disaster response, paediatric and neonatal emergencies.

## Highlights

### Career Opportunities

- In Emergency Medicine Department as an EMT – Private and government hospitals.
- Work as an EMT in tertiary care hospitals in India and Abroad
- As Emergency Medical Therapist- in transport and handling ventilators.
- In the pre-hospital setting , as a member in Emergency Medical Services (EMS)
- As an EMT in Air ambulances, wilderness response, industrial services and offshore response.
- Teaching faculty and capable of opting for higher studies and research



**Contact:**  
Coordinator  
Dept. of Emergency Medical Technology  
emt.mchp@manipal.edu  
Ph: +91 820 2937504

## Student Feedback



Choosing Manipal College of Health Professions to pursue my Bachelors in Emergency Medical Technology was academically one of the best decisions I've made. The amount of hands-on experience that the course provides along with a wide range of skill enhancement ability has been exceptionally beneficial to me so far. I hope to gain much more knowledge and experience as I graduate and step into the professional world. The professors in this institute have guided me throughout my course and have motivated me to have strong and determined work ethics. I am very grateful to this university for broadening my horizons and educating me to efficiently respond to emergency situations and other aspects pertaining to medicine. To top it all, I will always cherish the memories that I've had in this institute for a lifetime

**Aditee Prabhu Goankar (B.Sc. EMT 2020)**





## Clinical Nutrition and Dietetics Program

**“Clinical Nutrition and Dietetics” is concerned with therapeutic uses for nutrition in medical settings as part of a complete health care program. It deals with learning of food, nutrition, dietetics and relevant disease etiology, pathology and management.**

## Courses Offered:

### **B.Sc. Clinical Nutrition & Dietetics (B.Sc. CND)**

The program is designed to equip the students with scientific information on nutritional and metabolic care and the relationship between nutrition in health and disease. This course qualify the graduate with the tools and skills required to promote the nutrition and well being of individuals and groups in variety of settings.

**Duration:** 4 years inclusive of 1 year internship (8 Semesters)

### **Clinical Facilities**

Under graduate class room teaching, incorporating sound scientific base in theory, practical, clinics including one-year hospital internship.

- Clinical correlation of food and nutrition
- Introduction to Food Science
- Medical Nutrition Therapy
- Nutrition in Critical Care
- Clinical nutrition through Life Cycle
- Food Sanitation and Hygiene
- Community Nutrition
- Food Preservation
- Quality Control



## Highlights

### Career Opportunities

The course prepares the candidate to be competent to work as:

- Education institutions
- PG and Doctoral opportunities in sub discipline of nutrition and dietetics.
- Research Assistant
- Community dietician(NGO, community centres)
- Entrepreneurs
- Food quality analyst



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### Contact:

Coordinator  
Dept. of Clinical Nutrition & Dietetics  
cnd.mchp@manipal.edu  
Ph: +91 820 2937308

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## Student Feedback



Nutrition and dietetics, a subdiscipline of medicine, is the science that focuses on healthy eating. This profession promotes better health by spreading awareness about diet, nutrition and the relationship between good eating habits and preventing or managing specific disease.

It is my firm belief that education is the best way to enlighten young minds and it can only be imparted in a good environment having prosperous thinking. My college has all what it takes. My college possesses all the qualities of an ideal college. We have excellent course curriculum and faculty members.

The target here is to impart excellent education and come out with bright careers so as to shape our future in the best possible manner.

**Joe Sebastian (B.Sc. CND 2020)**



## PROSTHETICS AND ORTHOTICS PROGRAM

**Prosthetics is a specialty within the field of health care technology concerned with the design, manufacture and application of prostheses.**

**Orthotics is a specialty within the field of health care technology concerned with the design, manufacture, and application of orthoses (braces).**



## Courses Offered

### Bachelor in Prosthetics and Orthotics (BPO)

B.Sc. Prosthetics and Orthotics is a health care profession, which requires clinical and technological skills. The Prosthetic and Orthotic Professionals assess and evaluate patients, prescribe custom design, fabricate, and fit the orthoses and prostheses. Prosthetic and Orthotic professionals provide service to persons with neuro-musculoskeletal disorders and disabilities. Their work also involves service delivery for the management of work-related disorders, podiatric disorders, fractures, sports injuries, disorders due to aging, tendinitis, musculoskeletal pain, aesthetic restoration, among others. Prosthetics and Orthotics Professionals play an important role in the comprehensive pre and post-surgical management of patients and promote community independence. Over the years their role has been significant in the field of humanitarian crisis, competitive sports for persons with disabilities, and technology based rehabilitation.

**Duration:** 4 years + 6 months Internship

### Clinical Facilities

The programme involves both didactic lectures and clinical education and training. Course is designed to focus on evaluation of patients; prescription of custom design devices; fabrication, and fitting of orthoses and prostheses. It also trains students for community rehabilitation and improving participation among persons with disabilities among others.



### Highlights

#### Career Opportunities

- Certified Orthotist (CO)
- Certified Prosthetist (CP)
- Certified Prosthetist/Orthotist (CPO)
- Licensed Prosthetist/Orthotist (LPO)
- Orthotic/Prosthetic Practitioner
- Pedorthist/Prosthetist
- Health consultant, lecturer, founder/ entrepreneur of a fabrication unit or rehabilitation center

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#### Contact:

Dean Office - MCHP  
dean.mchp@manipal.edu  
Ph: +91 820 2922704, 2937010

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# Physician Assistant Program

**Physician Assistant is a medical professional who can offer medical services to patients under the supervision of a doctor or a physician. Physician Assistants (PA) are responsible for implementing the physician directives and assessing the health of the patients by interviewing or examining them and studying their medical history.**

Course Offered:

## **Bachelor of Science (Physician Assistant)**

B.Sc. Physician Assistant is a four year full-time undergraduate programme offered by Manipal College of Health Professions, MAHE. B.Sc. Physician Assistant program trains the students in a medical model to practice medicine as part of the healthcare team. The course qualifies the candidates to conduct physical examinations, treat illnesses, order and interpret laboratory tests and imaging studies, counsel on healthcare issues, prepare patients for surgery and take care of patients after surgery.

**Duration:** 4 years inclusive of 1 year internship (8 Semesters)

## **Clinical Facilities**

The PA program involves both didactic lectures and clinical education training focussing on the basic medical sciences, and medical and surgical disciplines including medicine, ENT, paediatrics, emergency medicine, orthopaedics, cardiac sciences, neuroscience, endocrinology, oncology and general surgery.

## **Highlights**

### **Career Opportunities**

- Physician Assistants in hospitals under multiple specialities
- Member of emergency care in ambulances, and rescue squads
- In medical equipment and software establishments
- Diagnostic centres
- Educational services

### **Contact:**

Dean Office - MCHP

dean.mchp@manipal.edu

Ph: +91 820 2922704, 2937010

## Eligibility Criteria

### Undergraduate Programs

<b>BASLP</b>	Pass in 10+2 / A Level / IB / American 12th Grade or equivalent with Physics, Chemistry and English with Biology / Mathematics / Computer Science / Statistics / Electronics / Psychology from a recognized Board, with minimum 50 % aggregate marks or equivalent in PCB / PCM / PCO*
<b>ESS, NMT, Optom</b>	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>CVT, MIT, MLT, BOT, PFT, BPT, RRT &amp; DT, RT, AOTT, EMT, CND, PA and BPO</b>	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>Psychology and HIM</b>	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
<b>RTT</b>	Pass in 10+2 / A Level / IB / American 12th Grade or equivalent with English, Physics, Chemistry and Mathematics from a recognized Board, with minimum 50 % aggregate marks or equivalent in PCM
<b>Lateral Entry to UG Programs</b>	Pass with 2 years diploma in the respective domain after 10+2 from a recognized Institution / University, with minimum 50 % aggregate marks or equivalent or 3 year Diploma after 10th in respective programs from a recognized Institution / University
<b>Admission Process</b>	<ol style="list-style-type: none"> <li>1. Apply Online</li> <li>2. Merit List based on qualifying exam marks</li> <li>3. Participate in Counselling Process</li> <li>4. Admission Process</li> </ol>



# Eligibility Criteria

## Postgraduate Programs

PROGRAM	ELIGIBILITY	ADMISSION PROCESS
M.Sc. Audiology M.Sc. S.L.P	Pass in BASLP / B.Sc. (Speech & Hearing) / BSLH degree from a University recognized by the Rehabilitation Council of India (RCI), with minimum 55 % aggregate marks or equivalent *One year internship is mandatory	Apply Online > Manipal Entrance Test (MET)> Merit List based on MET score > Physical / Online Counselling >Admission Formalities
MPT	Pass in BPT from a recognized University, with minimum 50 % aggregate marks or equivalent AND Candidate MUST have completed their internship before class commencement *6 months internship is mandatory	Apply Online > Manipal Entrance Test (MET)> Merit List based on MET score > Physical / Online Counselling >Admission Formalities
MOT	Pass in BOT / B.Sc. OT / B OTh from a recognized University, with minimum 50 % aggregate marks or equivalent AND Candidate MUST have completed their internship before class commencement *6 months internship is mandatory	Interview (PI) >Merit List based on qualifying exam marks, DT & PI >Provisional Admission Notice to short listed candidates >Admission Formalities
M.Sc. Clinical Psychology	Pass in BA / B.Sc. Degree in Psychology from a recognized university, with minimum 55 % aggregate marks or equivalent *Internship not mandatory	Apply Online > Manipal Entrance Test (MET)> Department Test (DT), Subject interview (SI), General Interview (GI) > Merit List based on MET score, DT, SI & GI > Provisional Admission
M.Phil. Clinical Psychology	Pass in BA / B.Sc. Degree in Psychology from a recognized university, with minimum 55 % aggregate marks or equivalent *Internship not mandatory	Apply Online > Manipal Entrance Test (MET)> Department Test (DT), Subject interview (SI), General Interview (GI) > Merit List based on MET score, DT, SI & GI > Provisional Admission
M.Phil. Clinical Psychology	Pass in MA Psychology or M.Sc. Psychology from a recognized University, with minimum 55 % aggregate marks or equivalent *Internship not mandatory	Apply Online > Manipal Entrance Test (MET)> Department Test (DT), Subject interview (SI), General Interview (GI) > Merit List based on MET score, DT, SI & GI > Provisional Admission
M.Sc. Medical Radiation Physics	Pass in B.Sc. with Physics as a major subject from a recognized University, with minimum 60 % aggregate marks or equivalent in major subjects only *Internship not mandatory	Apply Online >Merit List based on qualifying exam marks > Provisional Admission Notice to short listed candidates >Admission Formalities
M.Sc. Nuclear Medicine Technology	Pass in B.Sc. Nuclear Medicine Technology / BSc NMT + PGDNMT / BSc MIT/BSc MLT/ BSc RTT or equivalent, with minimum 50 % aggregate marks or equivalent, refer course details in prospectus *One year internship/Additional internship/ Clinical experience is mandatory	Apply Online > Departmental Test (DT) > Personal Interview (PI) >Merit List based on qualifying exam marks, DT & PI >Provisional Admission Notice to short listed candidates >Admission Formalities
M.Sc. Health Informatics (Healthcare IT Management)	Pass in MBBS / BDS / Nursing / Allied Health programs / BE or BTech in Computer Science stream / BCA / MCA from a recognized University, with minimum 50 % aggregate marks or equivalent *Internship is not mandatory	Apply Online >Merit List based on qualifying exam marks > Provisional Admission Notice to short listed candidates >Admission Formalities
M.Sc. Health Information Management	Pass with graduation in any discipline (3 years duration), from a recognized University, with minimum 50 % aggregate marks or equivalent in the qualifying exam *Internship is not mandatory	Apply Online >Merit List based on qualifying exam marks > Provisional Admission Notice to short listed candidates >Admission Formalities
M.Sc. Exercise & Sports Sciences	Pass in MBBS / BPT / BOT / B.Sc. (Exercise & Sports Sciences) or equivalent from a recognized University, with minimum 50 % aggregate marks or equivalent *Internship / Additional Internship / Clinical Experience as per requirement of program.	Apply Online >Submit Statement of Purpose (SOP)> Personal Interview (PI) > Merit list based on qualifying exam marks, SOP &PI > Provisional Admission Notice to selected candidates > Admission Formalities
MOptom, MSc AOTT, M.Sc. EMT, M.Sc. CCIT, M.Sc. Echo, M.Sc. MIT, M.Sc. MLT, M.Sc. PFT, M.Sc. RT, M.Sc. RRT & DT	Pass in respective Under graduate domain (program) from a recognized University, with minimum 50 % aggregate marks or equivalent *One year internship/Additional internship/ Clinical experience is mandatory.	Interview (PI) >Merit List based on qualifying exam marks, DT & PI >Provisional Admission Notice to short listed candidates >Admission Formalities

It is mandatory for all candidate to complete their internship in their respective domain as per requirement before the class commencement, refer course details in prospectus

Manipal College of Health Professions (MCHP), a constituent unit of the Manipal Academy of Higher Education (MAHE) has been a research active institute for almost two decades. MCHP is currently one of the top five leading institutions in research at MAHE with over 1100 scientific publications, research grants worth over INR 10 crores, 40 research collaborations (both national and international), seven research centres and a Dr. TMA Pai Endowment chair.

## Research and Innovation

More than 40% of the faculty have obtained their terminal degree (i.e., PhD) with another 40% of faculty in the process of completing their PhD. MCHP is home to doctoral research students and currently has nearly 100 doctoral students with over 60 research scholars supported by the Dr. TMA Pai scholarship and about 30 project fellows supported through various grant agencies.

The Institutional Research Committee (IRC), an active empowered committee of MCHP, is responsible for the review and monitoring of research activities of MCHP and is constituted by high profile researchers from various departments. In addition to its core responsibility, the IRC enhances capacity and skill of both faculty and students by conducting regular training programs, recommending institutional funding for students to attend conferences and facilitating students to improve quantity and quality of publications. Furthermore, opportunities to avail seed money and intramural funding for students and faculty are guided through the IRC.

The MAHE student research forum is a university level group formed by student members from each institution. This dynamic group conducts various activities including the Manipal Research Colloquium, Summer schools and the Interdisciplinary conference on Healthcare and Technical research.

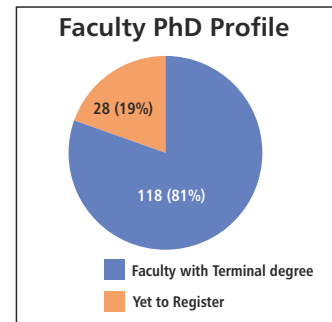
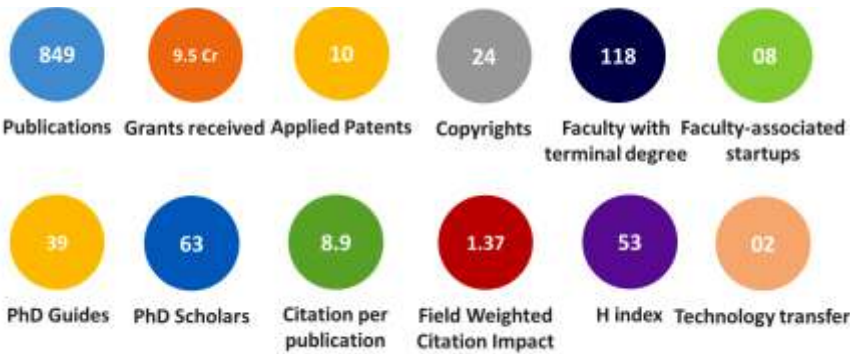


MCHP has created a conducive environment, which encourages students to conduct research with able faculty mentorship. The student research forum under the IRC of MCHP is a group which consists of student members from each department of MCHP along with faculty members to guide the student's research. The forum is involved in conducting various research awareness program exclusively for the students of MCHP in addition to empowering students with the knowledge and skill to conduct research. MAHE also facilitated students to attend scientific conferences and present their research work by providing financial support. Students are eligible for PRAISE (Policy on Publication and Research Award Incentive for Students to Excel) award as incentive for their scientific publication as per the University policy. In addition, students and research scholars are eligible for best publication of the year, which is awarded every year during the institution annual and awards day celebration.

Research awareness programs including methods to conduct literature search, writing research protocol and grant applications, steps to follow for submitting research protocol to institutional ethics committee and manuscript writing for scientific journals are conducted throughout the academic year. Awareness and training sessions on Idea generation, intellectual property rights, technology transfer, commercialization and entrepreneurship to promote student innovations are conducted regularly. Students are encouraged to participate in MAHE Innovation festival and ANVESHAN, zonal level innovation competitions in which they can win significant cash rewards.



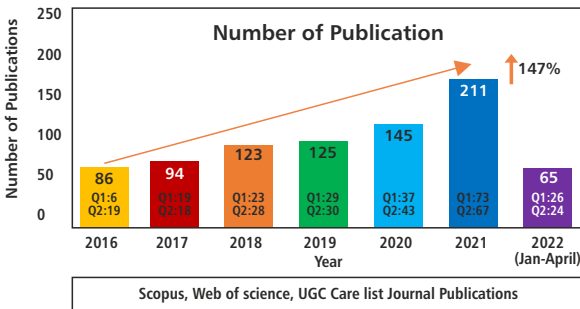
# Research & Innovation



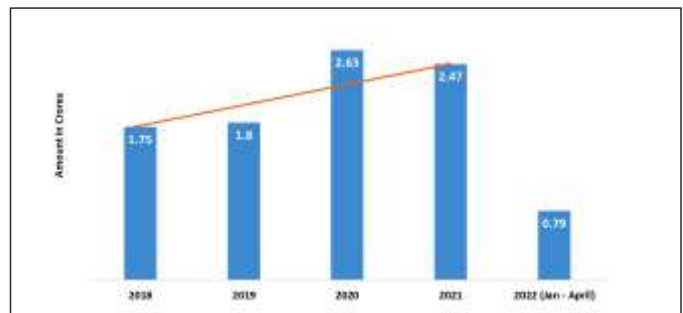
## Research Centers

<b>Centre for Diabetic Foot care and Research</b> 	<b>Centre for Comprehensive Stroke Rehabilitation and Research</b> 	<b>Centre for Science, Medicine and Research</b> 	<b>Interdisciplinary Centre for Craniofacial and Orofacial Pain Research</b> 	<b>Centre for Comprehensive Rehabilitation</b> 	<b>Centre for Healthy ageing</b> 	<b>Centre for Swallowing</b> 
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Total Number of Publication during 2016-Apr 2022:849



Research Grants



## Consultancy

- Capacity building for OT program in Vietnam
- Community Screening
- Transcribing market Survey



## Innovations

- Laser Shoe
- X-ray Supporting Pad
- Device for Measuring Hand Grip Force
- Arm Able
- Intra Dialytic Weight Measurement Trolley
- Hybrid Bio Hazmat Suit
- Portable Slit Imaging & Eye tracing System
- Transparent Breathable Biomaterial
- Manipal E Amsler
- Tie-Sensor
- Tonogoniometer
- Ingenious Voice Prosthesis

## Workshops/Seminars conducted

- Intellectual property rights
- Research Methodology
- Entrepreneurship and Innovation
- Good Clinical Practice
- Interdisciplinary Research
- Research Grant Writing
- Manuscript Writing



# STUDENT AFFAIRS

MCHP has a vibrant Student Affairs Committee and Student Council which has a representation of meticulous faculty members as well as passionate students with a desire to take the college to greater heights!

The college has a myriad of clubs and conducts educational, informative and fun-filled activities for the students through the course of the academic year. The culture of the university is represented through these events wherein the students are provided immense opportunities to unleash their latent skills while facilitating the building of long lasting bonds among students.

The college is represented by its clubs and the clubs by its students: the harmonious musicians from the music club "Symphony" carving their mark in university competitions; the dynamic dancers from the dance club "Soulbeats" adding to the vitality of the college; the spectacular actors from the drama club "Thespians" spicing up every event; the captivating models and designers from the fashion club "Voquesta" with their enrapturing aura; and the eloquent writers and artists from the literary club "Beyond the Books" with their enthralling and exquisite writing, art and photography! MCHP has inaugurated two new clubs this year: "Nature Club" that aims at making the environment a greener place to live in; and "Nasha Mukh Club" an initiative under "Nasha Mukh Bharat Abhiyan" to promote healthy practices free from drug abuse!

Apart from the club activities, students pursue leadership opportunities through the Organizing Committee, Editorial Board and Social Media Cell. By being a part of the committees, students build their interpersonal skills, don responsibility and creatively organize and manage large scale events!

The Organizing Committee plays a pivotal role in organizing multifarious events like "Pulse" our very own intra-college cultural and literary competition, "Aikyam" MCHP's Ethnic Day and Inter-Batch sports events. They strive to make the college experience one of a kind for its students!

The Editorial Board enables students to be a part of a community of like-minded individuals working on conducting literary events, art and photography, which culminates in the publishing of the Annual College Magazine!

With life blooming on technology, our students are provided the opportunity to be a part of the Social Media Cell that helps them delve into the realm of social connections and learn skills to strengthen social media presence and building networks!

Apart from these exhilarating activities, the college, in tandem with Azadi ka Amrit Mahotsav, conducts events for special occasions, celebrating Indian Constitution Day, Matrubhasha Divas, World Forest Day to name a few, through innovative competitions. The college also brings guest speakers from other colleges to give talks and seminars that would enrich the students' learning experience!

With the dynamic mix of a clubs, activities and students, MCHP provides plentiful opportunities for the students to discover themselves, find their clique, immerse in the university culture and become a completely honed individual along the way, ready to take on the world!

## Cultural Committee Activities



## Welfare Committee

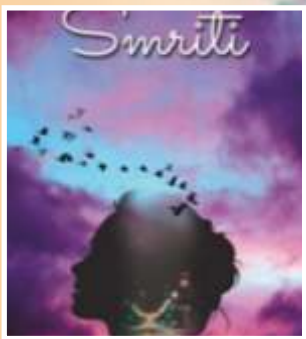


Social Activities



## Editorial Committee

College Magazines



## Sports Committee





## Internal Quality Assurance Cell - MCHP

As per National Assessment and Accreditation Council (NAAC) guidelines, every accredited institution should establish an Internal Quality Assurance Cell (IQAC) as a post-accreditation quality sustenance measure. Since quality enhancement is a continuous process, the IQAC becomes a part of the institution's system and works towards realization of the goals of quality enhancement and sustenance.



### Activities:

- Perform periodic internal audits/Academic audit
- Support implementation of ISO 9001, 14001, 50001
- Perform customer / stakeholder satisfaction surveys
- Facilitate improvement following customer / stakeholder feedback
- Facilitate risk based thinking
- Monitor compliance, effectiveness and institutionalization of processes
- Chair organization quality reviews
- Facilitate external audits
- Provide data to the top management periodically
- Submit data to MAHE as per the instructions received from Quality Office
- Conduct meetings to discuss quality control aspects with committee members as and when required
- Conduct meetings to discuss quality control aspects with IMS coordinators once every quarter
- Conduct IQAC meetings biannually to review the objectives of the institution
- Conduct awareness programs to communicate Quality Management System to all faculty



### Contact:

**Coordinator - IQAC**

Phone: 08202922631

Email: qmr.mcoahs@manipal.edu

## Teaching-learning and skills acquisition facilities



### Hospitals

Access to hospital facilities gives student hands-on training





# Placements & Externship

Manipal College of Health Professions is focused on ensuring challenging and rewarding career opportunities for its students. More than 70% of the students are either placed outside India or pursuing higher education in international universities.

With a vision to drive the allied health professions to new heights, we are tapping all the resources which can accommodate the budding professionals in their elite organizations. Most of the post graduates who conceded with the learnt skills from MCHP, have been absorbed well in many of the reputed organizations.

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

Aditya Birla Group | Alcon | Amplifon | Arvind Eye Hospital | Aster DM Health Care | BMR Health Service, USA | DELL, Bangalore | Draeger India Private Ltd | Dubai Health Care City | Essilor | Fortis O2 Health Studio, Chennai | GE Healthcare, India | Gen works, (A Wipro GE Health Care Invested company) | Hamad Medical Corporation, Qatar | HCG | Invictus Lab | Kokilaben Dhirubai Ambani Clinical & Research Hospital | Maggie Speech & Language Intervention Services | Max health care Group | MCura | New Ro Rehabilitation, Bangalore | Nightingales | Nova IVI Fertility | ONLY group | Philips | Philips respirionics | Portea | Qatar Sports Fitness Club, Qatar | Qi Spine | RCM Health Care Service, USA | Skanray | Speranza, Mangalore | Synapse Physio Pvt. Ltd. | Triesta | Victor Hospital and Medical Services | Wipro GE Healthcare | Wockhardt Hospital | Zeiss | Jogo | Prophysio | Jajal Medical Services | InMed Prognostics | Teleradiology Solutions | Synthetic MR | Remidio Innovative Solutions Pvt. Ltd. | Inspire | Wellness One | Practo Technologies Pvt. Ltd



# MCHP Services during Covid-19 crisis



MCHP Covid warriors in the Hospital



Udyavani - Precautions and safety measures for COVID-19 pandemic



DD Chandana Teaching learning during Pandemic





## Around Campus Light, Liberty And Learning

Facilities that underline the  
Manipal experience



**Manipal-GOK Bioincubator**  
To facilitate incubation of startups



**Labs**  
Laboratories give students the  
opportunity for practical experience



**Libraries**  
Libraries are rich in print and e-resources



**Innovation Centre**  
State-of-the-art Innovation Centre to  
facilitate multi-disciplinary research



**Sports & Fitness**  
Marena gives an unmatched experience  
of games and sports



**Student Housing**  
Student hostels are their home away  
from home. Separate on-campus hostel  
facility for boys & girls

## Facilities for extracurricular activities







## How to reach Manipal



The nearest airport is about 70 Kms away at Mangaluru. Daily flights to Mangaluru operates from Mumbai, Chennai and Bangalore. The drive from Mangaluru airport to Manipal takes approximately 90 minutes. Prepaid taxis are available at the airport.



The nearest railway station is Udupi (4 kms), on the Konkan Railways line. Trains from Mumbai to Mangaluru and Trivandrum stop at Udupi. Mangaluru railway station is 70 kms from Manipal. Mangaluru is connected by rail to Bangalore, Chennai, Mumbai, Thiruvananthapuram and all major cities daily.



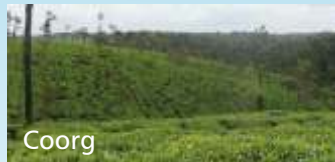
Manipal is just off the National Highway (NH66), connecting Goa and Mangaluru. It is also well connected by road to Bangalore via Mangaluru. Regular, efficient bus services operate between Mumbai, Goa, Bangalore, Mangaluru and Manipal.

## Places to visit near Manipal



Agumbe

Agumbe is a hill station which can be reached by bikes or cars. The way to this place is a diversion from Parkala. The best part of the trip to Agumbe is the ride.



Coorg

Coorg is situated in the Western Ghats in Karnataka. For those interested in adventure, it is an absolute treat. Trekking, golfing and angling are attractions.



Goa

The most popular tourist destination is just five hours by train from Manipal - Goa, its beaches and the sea food are all within your reach.



Gokarna

Just a few km off the National Highway 17, after Honnavar, is the beautiful tourist centre called Gokarna. It has the famous Om beach.



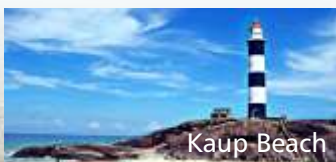
Jog Falls

This is India's highest waterfall and is about three hours by road from Manipal. The best time of the year to visit is during monsoon, preferably July and August.



Karkala

Karkala is a historical town, and for the Jains, a famous pilgrimage centre. The famous single stone 42-foot (13 m) statue of Gomateshwara (Lord Bahubali) is located here.



Kaup Beach

The lighthouse at this beach is famous. At a distance of 15 km from Manipal, it is a popular destination for the students to spend weekends.



Kerala

The border of Kerala is just 75 km from Manipal. The 300-year-old Bekal Fort, shaped like a giant key-hole, is one of the largest and best-preserved forts in Kerala.







Contact:  
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SCAN HERE TO APPLY

Connect us

