



# MGM INSTITUTE OF PHYSIOTHERAPY, AURANGABAD

(Affiliated to Maharashtra University of Health Sciences, Nashik  
Recognized by Maharashtra State OTPT Council)



**HANDBOOK OF BACHELOR OF PHYSIOTHERAPY (BPT)**



**MGM CAMPUS AURANGABAD**



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MGM Institute of Physiotherapy



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## **BACHELORS DEGREE IN PHYSIOTHERAPY (BPT)**

The Bachelor's degree course in Physiotherapy offered by MGM Institute of Physiotherapy, Aurangabad was started in the year 2006.

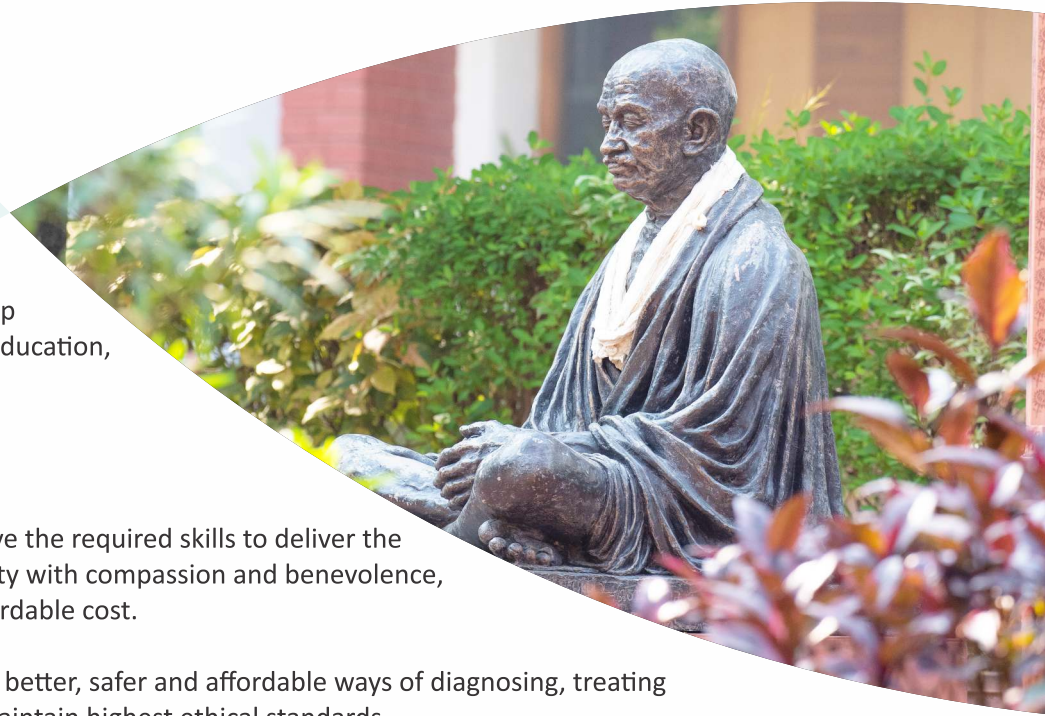
### **VISION AND MISSION OF MGMIOP**

#### **VISION**

MGM Institute of Physiotherapy aims to be a top ranking centre of Excellence in Health Science Education, Health Care and Health Research.

#### **MISSION**

- Student graduating from the Institute will have the required skills to deliver the quality health care to all sections of the society with compassion and benevolence, without prejudice or discrimination at an affordable cost.
- As a Research Centre, it shall focus on finding better, safer and affordable ways of diagnosing, treating and preventing diseases. In doing so, it will maintain highest ethical standards.





## COURSE AVAILABLE

Sr. No	Program	Duration	Specialty
1	BPT	4 years and six months	<ul style="list-style-type: none"><li>• Musculoskeletal Physiotherapy</li><li>• Neurological Physiotherapy</li><li>• Cardiovascular &amp; Respiratory Physiotherapy</li><li>• Community Physiotherapy</li><li>• Sports Physiotherapy</li></ul>
2	MPT	2 years	
3	Ph.D (Physiotherapy)	3 years	



## MENTOR MENTEE SYSTEM

Grooming Students to Adapt and Excel with the Dynamic Learning Environment.



## COURSE DETAILS

1. The Bachelors Degree in Physiotherapy is denoted as **BPT** as per UGC guidelines.
2. There are 4 academic years - denoted as First Year BPT, Second year BPT, Third Year BPT and Fourth Year BPT. The duration of each of them is one year followed by 6 months of mandatory rotatory internship.

# FRAMEWORK OF CURRICULUM

## I BPT

- Professional Practice & Ethics
- Human Anatomy
- Human Physiology
- Biochemistry
- Fundamentals of Kinesiology & Kinesiotherapy
- Fundamentals of Electrotherapy

## II BPT

- Professional Practice & Ethics
- Pathology
- Microbiology
- Pharmacology
- Psychiatry including Psychology
- Kinesiology
- Kinesiotherapy
- Electrotherapy

## III BPT

- Professional Practice & Ethics
- Surgery-I
- Surgery-II
- Medicine-I
- Medicine-II
- Community Medicine & Sociology
- Obstetrics & Gynaecology
- Dermatology
- Functional Diagnosis & Physiotherapeutic Skills

## IV BPT

- Professional Practice & Ethics
- Administration, Management & Marketing
- Musculoskeletal Physiotherapy
- Neuro Physiotherapy
- Cardiovascular Respiratory Physiotherapy (Including Critical Care)
- Community Physiotherapy
- Principles of Bio-engineering
- Research Methodology & Biostatistics

## ELIGIBILITY CRITERIA FOR UNIVERSITY EXAMINATIONS

1. Attendance of 75% in theory & practical/clinical is mandatory for adequate skill transfer in each subject. Student falling short of attendance will be allowed to compensate if the shortage can be fulfilled prior to commencement of University Examinations. Failing which the student will not be issued hall ticket for examination.

### 2. Passing Criteria for Each Subject

- Internal Assessment (40%)
- Theory (50%)
- Practical (50%)
- Total (overall) (50%)

However each student has to secure the deficient passing internal assessment marks in the university examination to fulfill the overall passing criteria of each subject.

## PROFESSIONAL ETHICS AND BEHAVIOR STANDARDS

Physiotherapy profession being an independent practice profession with self-regulatory norms gives professional autonomy to one's career. Hence all the students are obliged to adopt appropriate professional image and conduct during their undergraduate study period to gain patient confidence and to offer functional outcomes.

Discipline, moral attitude, punctuality, ethical clinical practice and professional conduct with humanity are the prime requisites of our profession.





## Institution General Rules & Regulations

Every student shall observe utmost discipline, decorum and proudly contribute to the academic ambience and reputation of the institution and our campus. Student should treat each other with dignity, spirit of friendship and brotherhood to create and nurture harmonious student community.

1. Regular college timings are 9.00am to 4.00pm .Students should report to college before 9.00 am.
2. Saturday will be half working day from 09.00 am to 01.00 pm for undergraduate students. Interns and Postgraduates shall have full working hours on Saturdays.
3. A grace time of 5 minutes will be allowed to a student entering late in clinics after which they will be marked late. Three late will be considered, as 1 day of absenteeism.
4. Any student who anticipates remaining absent due to foreseeable reason, should inform the respective class in charge & office staff in writing.
5. If the student is absent due to a medical reason, it should be informed to the respective class in-charge or the Principal. On the day of joining back, student **must** produce a medical certificate for their absence; and a letter from parent / guardian informing the Principal about the same. Medical Certificate will NOT be accepted later.
6. Every student should have mandatory 75% attendance in both lectures & practical/clinics separately. Students with less than 75% attendance will not be eligible to appear for University exam. Those students who have failed to attend on compulsory attendance days, taken leave without prior intimation and without a valid medical certificate will also have to compensate as instructed by the class in-charge.
7. When lectures are followed by clinics, students are required to reach the clinics within 10 minutes, after which they will be marked late for that particular practical or clinics.
8. Students should wear aprons with identity cards in the campus for all practical, clinical, classroom sessions & examinations.
9. Use of mobile phones is strictly prohibited during lectures, practical, clinics, symposiums/presentation & examination. Failure to comply with this rule will result in confiscation of the phone which will be returned only on course completion.
10. All the equipments, machines and clinical accessories should be handled with care by students. Any damage caused to the equipments, machines, clinical accessories, and institutional property due to negligence or deliberate mischief by the student(s), the cost of the damaged item with penalty fees will be recovered by the student(s) who indulge in such errant practices.
11. Students are required to report to college in the prescribed uniform as per guidelines of MGM Institute of Physiotherapy. Uniform comprises of blue shirt and black trousers with apron and formal shoes.

12. Personal grooming and dress code is very much essential for self-esteem and professionalism. Fancy accessories like long earrings, bracelets, watches are not allowed to wear in the institution. Boys hairstyle should be neat, well-groomed with clean shaven and Girls should tie their hair up neatly.

All students are expected to follow code of discipline. Students failing to maintain the above discipline will be given one warning. If the same behavior continues then appropriate action will be taken by the authority.

## GENERAL INFORMATION :

1. College timings may extend beyond the official working hours occasionally for academic/ co curricular activities. Students may require to stay beyond the working hours in those occasions to enrich their academic experience.
2. Attendance reports and performance reports are sent to parents each quarter and parents of students with lacunae may be asked to meet the year co-coordinator/ Principal for discussion.
3. Parents who wish to discuss any matter with faculty or designated authorities may take prior appointment and visit.
4. All parents by default are members of the Parents Teachers Association. Meetings of the same will be held bi annually with prior intimation.
5. Parents can communicate with elected members for each academic year and put forth their views which can be discussed in the next PTA with the permission of the chair.
6. Hostel facility is available for students residing at far off places.



## ANTI-RAGGING

Ragging in any form is totally banned in the campus premises and anyone found guilty of ragging and/or abetting ragging are liable to be punished under criminal offence. Anti-ragging committee is constituted for the purpose of enquiry into the incidents on ragging in our institution.

## CLINICAL TRAINING

Students will undergo their clinical training in MGM Hospital, Medical Centre & Research Institute (MGMMCRI), Aurangabad. MGM Hospital is a “NABH & NABL” accredited 700-bedded teaching hospital providing quality patient care services. Being one of the leading health care providers in Marathwada, MGM Hospital offers Comprehensive Medical, Surgical, Physiotherapy services along with super-specialty services to common public. All our students and interns will be posted in this MGM Hospital to gain clinical exposure to treat various patients including state-of-the-art intensive care units.

## LEARNING FACILITIES

- 1) Well lit, ventilated, and spacious classrooms with modern audio-visual teaching aids.
- 2) Shared learning resources and facilities from MGM Medical College for Pre-clinical and Para-clinical subjects
- 3) Sophisticated kinesiotherapy and electrotherapy laboratories





- 4) Well stacked library with copious online e-resources and national & national journals
- 5) Student-centric learning with equal emphasis on hands-on skill training
- 6) Sports stadia with outdoor / indoor sports facilities and Olympic size swimming pool



## **CLINICAL EXPOSURE**

All the students are clinically trained in one of the most sophisticated specialty physiotherapy departments in entire Marathwada region under the expertise of competent Physiotherapists.

## ***Musculoskeletal Physiotherapy***

The department of musculoskeletal physiotherapy provides comprehensive inpatient and outpatient therapy to patients with orthopedic conditions including orthopedic and trauma surgeries. Equipped with the most advanced equipments, students learn to treat patients with wide range of musculoskeletal conditions.



## ***Neuro Physiotherapy***

The department of neurophysiotherapy provides scientific and holistic neuro rehabilitation to neurological patients in state-of-the-art facilities. The students hone their hands on skill training in this department to treat complex neurological cases focusing on movement patterns, strength, flexibility, functional ability, balance and tone.

## ***Pediatric Physiotherapy***

The department focuses on rehabilitating pediatric patients through various approaches - integrating developmental milestone strategies, promoting fine and gross motor skills, stability, balance, that allow them to experience independent interactions with the world around them. The department is associated with centres like Rukminidevi Autism Center for providing experiential learning to students.



## ***Cardiovascular & Pulmonary Physiotherapy***

The students are provided with an excellent opportunity to learn the practical treatment approaches of cardio respiratory in the most sophisticated intensive care units of MGM Medical College & Hospital. The students are posted in the following units - CCU & CVTS Unit, MICU, SICU, NICU, PICU, KTICU to gain enough practical exposure in handling critical care patients apart from learning cardiac rehabilitation & pulmonary rehabilitation in cardio respiratory physiotherapy OPD.



## ***Community Physiotherapy***

The department of community physiotherapy emphasis learning through outreach activities in the community. Special school and village camps, community visits to PHC's, specialty centre camps, disability surveys, ergonomic sessions to industries are frequently organized to provide empirical learning to students. Women's health, geriatric care, industrial ergonomics, cancer rehabilitation are the core thrust areas of the department.



## ***Sports Physiotherapy***

The department of sports physiotherapy has the advantage of world-class MGM sports stadium with exclusive sports facilities for outdoor and indoor sports. Students are also posted in Sports Authority of India centre, Aurangabad for acquiring practical knowledge. Our students learn various physiotherapy techniques to treat sports injuries and training to prevent sports injuries.

## FACULTY MEMBERS

- 1. Dr. V. Sarath Babu** Principal and Professor, M.P.T (Sports), PhD
- 2. Dr. Vaibhav Kapre** Professor MPT (Cardio-respiratory)
- 3. Dr. Surendra Wani** Professor, MPT (Musculoskeletal ), PhD
- 4. Dr. Manish Shukla** Associate Professor, M.P.Th (Cardio-respiratory)
- 5. Dr. Ashwini Kale** Professor, M.P.Th (Neuro), PhD
- 6. Dr. Doss Prakash** Associate Professor, M.P.Th (Community)
- 7. Dr. Santosh Dobhal** Associate Professor, M.P.Th (Cardio-respiratory)
- 8. Dr. Sanket Mungikar** Associate Professor, M.P.Th (Musculoskeletal)
- 9. Dr. Kapil Garg** Associate Professor, M.P.Th (Neuro)
- 10. Dr. Gaurav Mhaske** Associate Professor, M.P.T (Neuro)
- 11. Dr. Sheetal Swamy** Associate Professor, M.P.Th (Community )
- 12. Dr. Goutami Katage** Assistant Professor, M.P.T (Musculoskeletal)
- 13. Dr. Payal Dhawale** Assistant Professor, M.P.Th (Sports)
- 14. Dr. Shradha Shah** Assistant Professor, M.P.T (Neuro)
- 15. Dr. Sanskruti Tahakik** Assistant Professor, M.P.Th (Community)
- 16. Dr. Abhishek Mishra** Assistant Professor, M.P.Th (CardioPulmonary)
- 17. Dr. Preeti Ganachari** Assistant Professor, M.P.T (Pediatric Neuro)
- 18. Dr. Ayushi Jain** Assistant Professor, M.P.Th (Community)
- 19. Dr. Mrugnayani Patil** Assistant Professor, M.P.Th (Sports)

**A Physiotherapist has the Brain of a Scientist  
The Heart of a Humanist and the Hands of an Artist...**



**CONTACT US AT**



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