# Memon College of Physical & Rehabilitative Medicine

# PROSPECTUS
## 2027-2031

University of Karachi

Hyder Buksh Gabol Road, Safoora Goth, KDA Scheme 33, Karachi

021-111-664-664 (111-MMI-MMI) 0333-1216407 mcprm.mmi.edu.pk info.mcprm@mhef.edu.pk

# VISION

To be recognized at the regional, state, and national levels as an excellent provider of physical therapy education, supported by a dedicated team of faculty, staff and students.

# MISSION

To inspire and educate future world-class healthcare providers, fostering confidence and humanistic values to serve the people of Pakistan, especially Karachi, as well as the global community.

# PROGRAM CORE VALUES

- Value truth, honesty and open communication.
- Consider academic freedom and debate necessary for program development and well-being.
- Expect all members of the Program to be thoughtful, considerate, patient and to maintain positive working relationships with each other.
- Expect transparency in administrative actions within the limits of protection of personal privacy as is in keeping with the public mission of the University and an inclusive Program community.
- Anticipate that each member of the Program will accept responsibility for their performance improvement and that of the Program.
- Expect professionalism (conforming to the standards of the academic and physical therapy professions) of each member of the Program community.
- Consider instruction that integrates research and practice and is offered within an environment that both challenges and supports students essential to the development of ife-long clinician-scholars.
- Embrace diversity in patients, students, faculty and staff as essential to the development of effective physical therapy practitioners and leaders.
- Accept responsibilities to pursue scholarship that advances science and clinical practice.
- Value the integration of the best available evidence, clinician experience and patient values in the practice of physical therapy.
- Recognize that a high quality clinical teaching program is a vital part of the curriculum and integral to the success of the Program.
- Value service and public engagement as essential experiences that enhance student and faculty research, support curriculum development and promote the University, Department and Program as well as its faculty and students.

# CHAIRMAN'S MESSAGE

It gives me immense pleasure to announce the launch of the third project of Memon Health & Education Foundation, Memon College of Physical & Rehabilitative Medicine. The vision of Memon Health & Education Foundation is to be role model for caring, curing, education, training, research and employment while the mission is to provide accessible and affordable quality healthcare and health education to all with empathy, dignity and respect, irrespective of their caste and creed, color, religion and ability to pay. Since the inception of Memon Health & Education Foundation, we are constantly striving to achieve the vision of the foundation in line with the mission statement.

We are proudly informing that the launch of Memon College of Physical & Rehabilitative Medicine is another milestone of Memon Health & Education Foundation and the third project in the sequential manner. We ensure the best education which is the combination of up-to-date courses, ultramodern infrastructure, renowned & dedicated faculty, well equipped labs, augmented & other facilities. We strive to achieve quality in education while ensuring overall development of the students. We also recognize the importance of providing a supportive and simulative learning environment using innovative teaching, learning strategies and technological advances. Our institution provides comfortable and peaceful stay in the campus with all the facilities for recreational and healthy living with care. On behalf of Memon College of Physical & Rehabilitative Medicine, I want to assure you that our efforts shall always be to offer the best possible education through our highly qualified teachers and our students will play a significant role in serving the patients.

***Muhammad Ajaz Saya***

# DEPUTY CHAIRMAN'S MESSAGE

I am delighted on the launch of Memon College of Physical & Rehabilitative Medicine, another mega educational institute of Memon Health & Education Foundation. During the previous years, we realize the importance of Physical Therapy & Rehabilitation services while managing Memon Medical Institute Hospital. It is due to the fact that we have not only expanded the department of physical & rehabilitative medicine of MMI Hospital with the latest equipment's but also prioritize to establish a quality physical therapy institute which will not only meet the requirements of the current healthcare needs of the country but also cater to the future growing requirements.

Education involves developing the character, necessary skills and competencies to manage one's life journey and we strongly believe in supporting the students in their learning journey and make them successful. Remaining dedicated to our mission, we commit ourselves to equip students with a good foundation for knowledge and skills, while aspiring to better prepare them for their future, both professional and personal. The Memon College of Physical & Rehabilitative Medicine is going to play a significant role in producing the professional for the future. We understand that the quality education is the foundation for building the nation and we firmly believe to bring the experienced facility and create a learning environment.

As the Deputy Chairman of Memon Health & Education Foundation, I am confident to deliver quality education with the cooperation of our faculty members and brining the educational revolution in the country.

***Iqbal A Shakoor Bilwani***

# CEO'S MESSAGE

I am delighted on the successful launch of our third project of Memon Health & Educational Foundation. Memon College of Physical & Rehabilitative Medicine is the second educational institute of Memon Health & Education Foundation. It indicates our belief that education is a fundamental need of every human being and distinguishing human characteristics and making us superior among all the creatures. Education helps understand the high values of humanity and assist in making the civilizations just and strong. The importance of education is extremely higher in case of medical education. It is simply because the medical education is healing the patients in pain which is the biggest service to the humanity.

According to the national statistics shows that we are facing the serve shortage of the medical practitioners in the country and it is now the right time to start focusing on expanding the educational programs to meet the needs of the society. I am proud on the successful and the timely launch of Memon College of Physical & Rehabilitative Medicine. It is due to the commitment of Mr. Ajaz Saya, Honourable Chairman of Memon Health & Education Foundation and the members of the Office Bearers Committee who not only approved the project but provided us with all the support and the resources. This support enables us to complete the project and complete the affiliation, recognition and other requirements in the quickest possible time.

We are confident that the college will deliver quality education and our students will contribute in the growth of the country.

It is my message to our students and the faculty members to work hard so that our dream comes true and the name of our institute flies up in the sky.

***Brigadier***
***Dr. Malik Waqar Ahmad Awan TI(M)-Retd***

# PRINCIPAL'S MESSAGE

I am immensely happy that with total dedication and commitment from office bearers (trustees) and sincere involvement of the CEO of the MMIH and the faculty members, the institution could produce excellent academic result in every stream of educational programs.

We have well qualified and dedicated teaching faculty who are putting all over efforts to bring out real educated professionals in the field of physical therapy.

Memon College of Physical & Rehabilitative Medicine are equipped with latest gadgets, teaching aids, laboratories (clinical and scientific), well-furnished classrooms with facilities of PowerPoint presentation has created a conducive and serene atmosphere for learning and teaching process.

I take pride that our faculty members are highly qualified and competent in teaching as well as clinical practice. We encourage our students to participate in research activities, along with our faculty members to publish articles in journals, paper presentations, and culture activities to grow their knowledge and body.

Our Out-patient department is one of the best designed and well equipped to establish the service for the national and international patients and for the teaching of students. We often do Community Program to showcase the area of improvement, familiarity of conditions, and through light in the student's mind to expand the area of growth in physical therapy.

We do assist our students for clinical placement in other hospital of Karachi. We assure that all our students will do better after passing out from our college.

***Dr. Mohabbat Ali***
***Founding Principal MCPRM***

# PHILOSOPHY

Doctor of Physical Therapy is a dynamic and evolving profession which provides a unique service to individual, families, and communities. The practice of the profession demands the creation of a climate, which encourages the development of health behaviors, promotes the restoration of optimal functioning and assists in coping with irreversible illness or impending death. We believe that the physical therapist has a responsibility to promote the health, achieve the outcomes and enhances the standard of living. This profession recognizes the need to contribute to the advancement of knowledge through research; to operate within code of ethics; to set standards of practice and to promote the competence of individual professionals. We believe that to ensure the quality of physical therapy education, the adequate supply of proficient physical therapist. The primary aim of the institution is to provide students a conductive learning environment, to help then to kindle their latent skills, to help them to develop their full academic potential and to equip themselves fully to face a highly competitive world.

# DOCTOR OF PHYSICAL THERAPY (DPT)
# 5 years Degree Program
# Course Outline

**The standard scheme of studies for the Doctor of Physical Therapy program is given as under:**

| SEMESTER I | | | |
|---|---|---|---|
| **S.N.** | **COURSE** | **CREDIT HOURS** | **CATEGORY** |
| 1 | Anatomy – I | 3 (2-1) | Major |
| 2 | Physiology – I | 3 (2-1) | Major |
| 3 | Kinesiology – I | 3 (2-1) | Major |
| 4 | Functional English * | 3 (3-0) | General Education |
| 5 | Natural Sciences ** | 3 (2-1) | General Education |
| 6 | Arts & Humanities *** | 2 (2-0) | General Education |
| 7 | Understanding of Holy Quran – I * | 1 (0-1) | General Education |
| **Total Credits Hours = 18** | | | |

| SEMESTER II | | | |
|---|---|---|---|
| **S.N.** | **COURSE** | **CREDIT HOURS** | **CATEGORY** |
| 1 | Anatomy – II | 3 (2-1) | Major |
| 2 | Physiology – II | 3 (2-1) | Major |
| 3 | Kinesiology – II | 3 (2-1) | Major |
| 4 | Quantitative Reasoning – I * | 3 (3-0) | General Education |
| 5 | Expository Writing * | 3 (3-0) | General Education |
| 6 | Pakistan Studies * | 2 (2-0) | General Education |
| 7 | Understanding of Holy Quran – II * | 1 (0-1) | General Education |
| **Total Credits Hours = 18** | | | |

| SEMESTER III | | | |
|---|---|---|---|
| **S.N.** | **COURSE** | **CREDIT HOURS** | **CATEGORY** |
| 1 | Anatomy – III | 3 (2-1) | Major |
| 2 | Physiology – III | 3 (2-1) | Major |
| 3 | Medical Physics | 3 (2-1) | Interdisciplinary |
| 4 | Principles of Biochemistry | 3 (3-0) | Interdisciplinary |
| 5 | Applications of ICT * | 3 (2-1) | General Education |
| 6 | Quantitative Reasoning – II * | 3 (3-0) | General Education |
| **Total Credit Hours = 18** | | | |

| SEMESTER IV | | | |
|---|---|---|---|
| **S.N.** | **COURSE** | **CREDIT HOURS** | **CATEGORY** |
| 1 | Neuro Anatomy | 3 (2-1) | Major |
| 2 | Biomechanics & Ergonomics | 3 (2-1) | Major |
| 3 | Human Psychology | 2 (2-0) | Interdisciplinary |
| 4 | Ideology & Constitution of Pakistan * | 2 (2-0) | General Education |
| 5 | Civics & Community Engagement * | 2 (2-0) | General Education |
| 6 | Entrepreneurship * | 2 (2-0) | General Education |
| 7 | Islamic Studies * | 2 (2-0) | General Education |
| 8 | Social Sciences **** | 2 (2-0) | General Education |
| **Total Credit Hours = 18** | | | |

| SEMESTER V | | | |
|---|---|---|---|
| **S.N.** | **COURSE** | **CREDIT HOURS** | **CATEGORY** |
| 1 | Exercise Physiology | 3 (2-1) | Major |
| 2 | Pharmacology & Therapeutics – I | 2 (2-0) | Major |
| 3 | Physical Agents & Electrotherapy – I | 3 (2-1) | Major |
| 4 | Community Medicine & Rehabilitation | 3 (2-1) | Major |
| 5 | Pathology & Microbiology – I | 2 (2-0) | Interdisciplinary |
| 6 | Artificial Intelligence in Healthcare | 2 (2-0) | Interdisciplinary |
| 7 | Supervised Clinical Practice – I | 3 (0-3) | Clinical Practice |
| **Total Credit Hours = 18** | | | |

| SEMESTER VI | | | |
|---|---|---|---|
| **S.N.** | **COURSE** | **CREDIT HOURS** | **CATEGORY** |
| 1 | Pharmacology & Therapeutics – II | 2 (2-0) | Major |
| 2 | Physical Agents & Electrotherapy – II | 3 (2-1) | Major |
| 3 | Therapeutic Exercises & Techniques | 3 (2-1) | Major |
| 4 | Sustainable Development Goals: Health & Wellbeing | 3 (2-1) | Interdisciplinary |
| 5 | Pathology & Microbiology – II | 3 (2-1) | Interdisciplinary |
| 6 | Molecular Biology & Genetics | 2 (2-0) | Interdisciplinary |
| 7 | Supervised Clinical Practice – II | 3 (0-3) | Clinical Practice |
| **Total Credit Hours = 19** | | | |

| SEMESTER VII | | | |
|---|---|---|---|
| **S.N.** | **COURSE** | **CREDIT HOURS** | **CATEGORY** |
| 1 | Medicine – I | 3 (3-0) | Major |
| 2 | Surgery – I | 3 (3-0) | Major |
| 3 | Musculoskeletal Physical Therapy | 3 (2-1) | Major |
| 4 | Radiology & Diagnostic Imaging | 3 (2-1) | Interdisciplinary |
| 5 | Scientific Inquiry & Research Methods | 3 (2-1) | Interdisciplinary |
| 6 | Supervised Clinical Practice – III | 4 (0-4) | Clinical Practice |
| **Total Credit Hours = 19** | | | |

| SEMESTER VIII | | | |
|---|---|---|---|
| **S.N.** | **COURSE** | **CREDIT HOURS** | **CATEGORY** |
| 1 | Neurological Physical Therapy | 3 (2-1) | Major |
| 2 | Medicine – II | 3 (3-0) | Major |
| 3 | Surgery – II | 3 (3-0) | Major |
| 4 | Sports Physical Therapy | 2 (1-1) | Major |
| 5 | Biostatistics | 3 (2-1) | Interdisciplinary |
| 6 | Professional Practice in Healthcare | 2 (2-0) | Interdisciplinary |
| 7 | Supervised Clinical Practice – IV | 4 (0-4) | Clinical Practice |
| **Total Credit Hours = 20** | | | |

| SEMESTER IX | | | |
|---|---|---|---|
| **S.N.** | **COURSE** | **CREDIT HOURS** | **CATEGORY** |
| 1 | Cardiopulmonary Physical Therapy | 3 (2-1) | Major |
| 2 | Prosthetics & Orthotics | 2 (2-0) | Major |
| 3 | Clinical Decision Making & Differential Diagnosis | 3 (3-0) | Major |
| 4 | Emergency Procedures in Physical | 2 (1-1) | Major |
| 5 | Evidence Based Practice | 3 (2-1) | Major |
| 6 | Supervised Clinical Practice – V | 4 (0-4) | Clinical Practice |
| 7 | Capstone / Research Project | 3 | Capstone/Research |
| **Total Credit Hours = 20** | | | |

| SEMESTER X | | | |
|---|---|---|---|
| **S.N.** | **COURSE** | **CREDIT HOURS** | **CATEGORY** |
| 1 | Manual Therapy | 3 (2-1) | Major |
| 2 | Integumentary Physical Therapy | 2 (1-1) | Major |
| 3 | Women's Health Physical Therapy | 3 (2-1) | Major |
| 4 | Pediatric & Neonatal Physical Therapy | 3 (2-1) | Major |
| 5 | Geriatric Physical Therapy | 3 (2-1) | Major |
| 6 | Supervised Clinical Practice – VI | 4 (0-4) | Clinical Practice |
| **Total Credit Hours = 18** | | | |

**Total Credit Hours = 186**

**Note:**

Credit hours' distribution is as following:

- **Theory:** one credit hour shall be equal to one hour of teaching per week throughout the semester.
- **Practical/lab:** one credit hour shall be equal to three hours of lab work per week throughout the semester.
- **Clinical:** one credit hour shall be equal to three hours of clinical work per week throughout the semester.
- **Research:** One credit hour shall be equal to three hours of research work per week throughout the semester.

## Paid House Job:

One year of paid house job will be incorporated at the end of five-year degree program on the basis of eligibility.

## Professional Accrediation:

Memon College of Physical & Rehabilitative Medicine is affiliated from one of the reowned University of Pakistan **"University of Karachi"**.

## Code of Conduct:

The Memon College Of Physical & Rehablitative Medicine is an organization with the purpose of imparting knowledge to the students in a peaceful environment and to enrich their personality by inculcating in them a sense of responsibility, reason, tolerance and discipline. Discipline and organized life in the Institute is important; it is therefore essential that rules and regulations should be laid down to ensure an orderly and decent atmosphere of the college. With this objective in mind, the following regulations have been established.

## DOs

### Male:

- Trousers.
- Shirts / T-Shirts.
- Tie.
- Dress shoes with socks.
- Shalwar kameez with Waist Coat.

### Female:

- Shalwar Kameez with Dupatta.
- Chappals/Shoes.
- Jeans with kurta/Shirt and dupatta.

## DON'Ts

### Male:
- Shorts, Cutt off jeans, Multi pocketed, Faded, Torn, skin fitted jeans & Trousers.
- T-shirts with printed messges of any kind.
- Chappals / Slippers.
- Bandana's Caps Etc.
- Vests of any kind.
- Long Hair, Pony Tail Etc.
- Ear Rings, Chains Wrist.

### Female:
- T-Shirts with jeans.
- Sleeveless Shirts of any kind.
- See through and skin tight dresses.
- Heavy Makeup.
- Flashy/Heavy jewellery, Pazebs etc.

### Others:
- 80% or above attendance in Lecture, Practicals, Clinical Session.
- White Coat are mandatory during classes, Practicals, Clinical Session.
- Students require to wear their ID cards at all time.
- Tardiness and attendance should be maintained.

## Prohibited Acts:

- Mobiles usage during the class/ clinical
- Late submission of assignments
- Bullying / Raging
- Skipping classes without information
- Damage & misuse college property
- Substance abuse
- Assault (verbal & physical abuse to staff, faculty, students and other staff)
- Strike in college
- Sexual abuse
- Weapons in the campus
- Voilent behavior
- Political involvements
- Maintain proper discipline in the class room, practicals, Demonstrations, tutorials, and ward is mandatory.
- During exam text books, notes, cellular phones are not allowed.
- Late arrival at examination is prohibited.

## Discipline:

Students will be required to abide by the rules and regulations of MCPRM. Academic dishonesty, social misconduct, stealing, willful destruction of equipment and other offense will result in disciplinary action.

## Academic Honesty:

Students are expected to practice in academic integrity at all times. Students violating academic honesty standards will be referred to the disciplinary committee. Academic dishonesty includes, but is not limited to plagiarism, fabrication and cheating.

## Plagiarism:

It is defined as "the use of others' written contents as if it were one's own original work". According to the policy of, MCPRM students who indulge in plagiarism disciplinary committee will take action against students. Therefore, students are advised to give complete references while taking some quotation, statement or material from other's work.

## Cheating:

Any consious attempt of dishonesty will be considered as cheating and may lead to any action if a student is caught cheating during the examination, test or assignment, will be automatically given "0" mark. Additionally, it will be recorded in the student personal file. The warning will lead to termination from program

## Examination:

- Text books, notes and cellular phones are not allowed in examination hall.
- Late arrival at examination hall will not be allowed to take examination.
- 80% or above attendance in lecture, practicals, clinical session.

# FEE STRUCTURE

**Fee Structure:**
Minimum of 60% marks in F.Sc (Pre-Medical) or equivalent. Admission in Memon College of Physical & Rehabilitative Medicine are given according to merit.

**How to Apply:**
For admission form submission and other queries please visit:
mcprm.mmi.edu.pk

| SN # | Description | Fee | Remarks |
|---|---|---|---|
| 1 | Application fee | 3,000 | One time |
| 2 | Admission Fee | 50,000 | One time |
| 3 | Semester Fee | 136,500 | Per semester |
| 4 | Caution Money | 5,000 | Refundable |
| 5 | Student Fund | 15,000 | One time |
| 6 | Library Fund | 3,500 | Per semester |
| 7 | Medical fitness Exam. Fee | 11,000 | One time |
| 8 | Document Verification | 3,000 | One time |
| | **Total** | **227,000/-** | |

# Faculty

**Dr. Mohabbat Ali**
Principal
PTC, BSPT, DPT (D), MSc PT, MAS, MPhil

**Dr. Nasreen Majid**
Associate Professor
MBBS, MCPS, FRCOG

**Mr. Masoom Qasim Warsi**
Associate Professor
MIS

**Dr. Haroon Diwan**
Assistant Professor
(PhD Microbiology)

**Dr. Syed M. Saad Iqbal**
Senior Lecturer
DPT, MSc PT

**Mr. M. Hussain Karamat**
Senior Lecturer
MSc Physiology, MBA-HM

# Faculty

**Dr. Asma Ahmed**
Senior Lecturer
DPT, MSc PT

**Dr. Zuhaib Ahmed Shaikh**
Lecturer
BSPT , DPT (D), MSc PT

**Dr. Humera Ahmed**
Lecturer
DPT, MSAPT

**Dr. Umama Abbasi**
Lecturer
DPT, MSAPT

**Ms. Shania Zeeshan**
Lecturer
MPhil Clinical Psychology

**Mr. Muhammad Shaharyar**
Lecturer
MSc Statistics Science

**Dr. Abdul Rehman Ganyani**
Lecturer
Pharm D

# Clinical Staff

Dr. Anam Iqbal

Dr. Saifullah

Dr. Sidra Afzal

Dr. Owais Sarfaraz Nawabdin

Dr. M. Jawwad Khan

Dr. Syed Tariq ul Islam

Dr. Mustafa Ameen ul Haq

Dr. Deepak Shayam

Dr. Areeba Shahid

# Clinical Staff

Dr. Hafsa Batool

Dr. Ahsan Shahzad

Dr. Osama Khan

Dr. Ahmer Ali Khan

Dr. Syeda Saba Erum

Dr. Reeda Zehra

Dr. Kanwal ul Rehman

Dr. Hira Asif

Dr. Azhar ud Din

# Support Staff

**Mr. Hassan Farooq**
Student Affairs Officer

**Mr. Imtiaz Ali Soomro**
Lab. Assistant

**Mr. M. Daniyal Qureshi**
Lab. Assistant

**Mr. Kashif Ali Soomro**
Assistant Librarian

**Mr. Karim Khan**
Senior Physio Assistant

**Mr. Rahim Amir Ali**
Physio Assistant

**Mr. Hammad Hamid**
Unit Receptionist

**Ms. Fareeha Kheiri**
Unit Receptionist

# Gallery

Anatomy Lab

Exercise Physiology Lab / Kinesiology Lab

Electrotherapy Lab

Gymnasium

Computer Lab

Medical Physics

Digital Class Rooms

Cafeteria

Lawn & Sitting Area

# Extra Curricular Activities

Annual Picnic

Orientation Day

# Extra Curricular Activities

Independence Day Celebration

World Physical Therapy Day

Welcome Party

Science Exhibition

# Extra Curricular Activities

Ramadan Food Drive

Eid Milan Party

Breast Cancer Awareness

Quiz Competition

World Mental Health Day

# Extra Curricular Activities

MCPRM Anniversary Celebration

Winter Carnival

Teacher's Day

# Memon College of Physical & Rehabilitative Medicine

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KDA Scheme 33, Karachi.

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Website