

DEPARTMENT OF PHYSICAL THERAPY

Program Vision

“Better health through optimization of movements”

Degree Programs Offered

Doctor of Physical Therapy (DPT)



Coordinator:

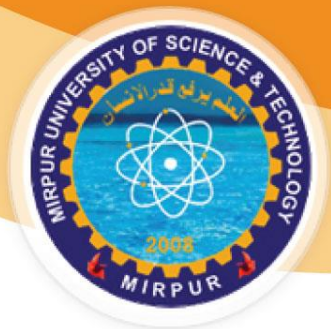
Dr. Mian M. Zeeshan Javaid

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Message from Coordinator:

Establishing of Faculty of Health & Medical Sciences in Mirpur University of Science & Technology (MUST) has opened new eras of health caring knowledge in Kashmir as well as Pakistan. Definitely, worth mentioning honor is there for me to be the pioneer Chairperson of Department of Physiotherapy. As being an educationist, I am always determined to make efficient and transparent administration. The environment will be made conducive to learning, equipping the youth with practical knowledge so that our graduates may prove to be a beneficial addition in professionalism of underdeveloped region. The developing needs and increased recognition of Physical Therapist's skills in diagnosing, treating and preventing illness and injuries has necessitated the profession to reevaluate its goals for the future and move towards more autonomy in patient. The DPT degree is quite innovative degree in terms of curriculum, duration of study and scope of clinical study. This degree also fulfills international requirements for physical therapy education, so the DPT graduates could get equivalency easily abroad. I welcome students and wish them a pleasant, safe and productive stay at Mirpur university of Science and Technology and beautiful city of Mirpur.



Faculty

Dr. Mian M. Zeeshan Javaid

Designation	Assistant Professor & Chairperson
Qualification	Ph.D. (Pharmaceutics)
Area of interest	Novel Drug Delivery Systems
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Doctor of Physical Therapy (DPT)

Physical Therapy is one of the most essential segment of primary health care apparatus. Being associated with both sciences of healing and art of caring; its pertaining to the clinical examination, evaluation, assessment, diagnosis and treatment of musculoskeletal, neurological, cardiovascular and respiratory systems. Its scope broadens towards functional disorders including symptoms of pain, edema, physiological, structural and psychosomatic ailments. The actual methodology includes methods of treatment based on movements, manual therapy, physical agents and therapeutic modalities to 2relieve the pain and other complications.

Program Mission

To serve the community through a dynamic profession with an established theoretical and scientific base clinical applications in the restoration, maintenance, and promotion of optimal physical function; thus developing leadership roles in rehabilitation; in prevention, health maintenance, and programs

that promote health, wellness, and fitness; and in professional and community organizations.

Program Educational Objectives (PEOs)

As Physical Therapy covers basic parameters of healing sciences i.e. preventive, promotive, diagnostic, rehabilitative and curative, so graduates of Physical Therapy will be able to:

- Understand, correlate and apply theoretical foundations of knowledge to the practice of physical therapy.
- Able to identify researchable problems and incorporate research findings into clinical practice.
- Develop sound clinical decision, critical self-assessment and committed to lifelong learning.
- Incorporate and demonstrate positive attitudes and behaviors in all associates.
- Responsive to Health care regulations and policies that are consistent with the needs of the patient and of the society.

Degree Requirements:

F.Sc. (Pre-medical) or equivalent with 60% minimum marks



Scheme of Study (Doctor of Physical Therapy)

Total Semester		10-14 Semesters
Total Duration		178
1st Semester		
Course Code	Subject	Credit Hours
BPT-1101	Anatomy-I	3+1
BPT-1102	Physiology-I	2+1
BPT-1103	Kinesiology-I	2+1
ENG-1107	English-I (Functional English)	3+0
PS-1117	Pakistan Studies	2+0
COM-1105	Introduction to Computer	2+1
Total Credit Hours		18
2nd Semester		
Course Code	Course Title	Credit Hrs.
BPT-1201	Anatomy-II	3+1
BPT-1202	Physiology-II	2+1
BPT-1203	Kinesiology-II	2+1
ENG-1207	English-II (Communication Skills)	3+0
ISL-1212	Islamic Studies/Ethics	2+0
SOC-1221	Sociology	2+0
Total Credit Hours		17



3 rd Semester		
Course Code	Subject	Credit Hours
BPT-2301	Anatomy-III	2+1
BPT-2302	Physiology-III	2+1
BPT-2303	Medical Physics	2+1
ENG-2307	English-III (Technical writing & Presentation skills)	3+0
BPT-2304	Biomechanics & Ergonomics-I	3+0
BPT-2305	Biochemistry-I	2+0
Total Credit Hours		17
4 th Semester		
Course Code	Subject	Credit Hours
BPT-2401	Anatomy-IV (Neuro Anatomy)	2+1
BPT-2402	Exercise Physiology	2+1
BPT-2403	Health & Wellness	2+0
BPT-2404	Molecular Biology & Genetics	2+0
BPT-2405	Biomechanics & Ergonomics-II	2+1
BPT-2406	Biochemistry-II	2+1
ARA-2401	Arabic	3+0
Total Credit Hours		19



5 th Semester		
Course Code	Subject	Credit Hours
BPT-3501	Pathology& Microbiology-I	2+0
BPT-3502	Pharmacology & Therapeutics-I	2+0
BPT-3503	Physical Agents & Electrotherapy-I	2+1
BPT-3504	Therapeutic Exercises & Techniques	2+1
STA-3520	Biostatistics I	3+0
BPT-3505	Behavioral Sciences (Psychology & Ethics)	2+0
BPT-3506	Supervised Clinical Practice-I	0+3
Total Credit Hours		18
6 th Semester		
Course Code	Subject	Credit Hours
BPT-3601	Pathology& Microbiology-II	2+1
BPT-3602	Pharmacology & Therapeutics-II	2+0
BPT-3603	Physical Agents & Electrotherapy-II	2+1
STA-3620	Biostatistics II	3+0
BPT-3604	Community Medicine & Rehabilitation	3+0
BPT-3605	Supervised Clinical Practice-I	0+3
Total Credit Hours		17



7 th Semester		
Course Code	Subject	Credit Hours
BPT- 4701	Medicine I	3+0
BPT-4702	Surgery I	3+0
BPT-4703	Radiology & Diagnostic Imaging	2+1
BPT-4704	Musculoskeletal Physical Therapy	2+1
BPT-4705	Evidence Based Practice	2+1
BPT-4706	Supervised Clinical Practice-III	0+3
Total Credit Hours		18
8 th Semester		
Course Code	Subject	Credit Hours
BPT-4801	Medicine II	3+0
BPT-4802	Surgery II	3+0
BPT-4803	Scientific Inquiry & Research Methodology	2+1
BPT-4804	Neurological Physical Therapy	2+1
BPT-4805	Emergency Procedures & Primary Care in Physical Therapy	2+1
BPT-4806	Supervised Clinical Practice-IV	0+3
Total Credit Hours		18



9 th Semester		
Course Code	Subject	Credit Hours
BPT-5901	Cardiopulmonary Physical Therapy	2+1
BPT-5902	Prosthetics & Orthotics	2+0
BPT-5903	Clinical Decision Making & Differential Diagnosis	3+0
BPT-5904	Manual Therapy	2+1
BPT-5905	Professional Practice (Laws, Ethics & Administration)	2+0
BPT-5905	Integumentary Physical Therapy	2+0
BPT-5906	Supervised Clinical Pharmacy Practice V	0+3
Total Credit Hours		18
10 th Semester		
Course Code	Subject	Credit Hours
BPT-51001	Obstetrics & Gynecological Physical Therapy	2+0
BPT-51002	Pediatric Physical Therapy	2+0
BPT-51003	Gerontology & Geriatric Physical Therapy	2+0
BPT-51004	Sports Physical Therapy	2+0
BPT-51005	Supervised Clinical Pharmacy Practice VI	0+4
BPT-51006	Research Project	06
Total Credit Hours		18