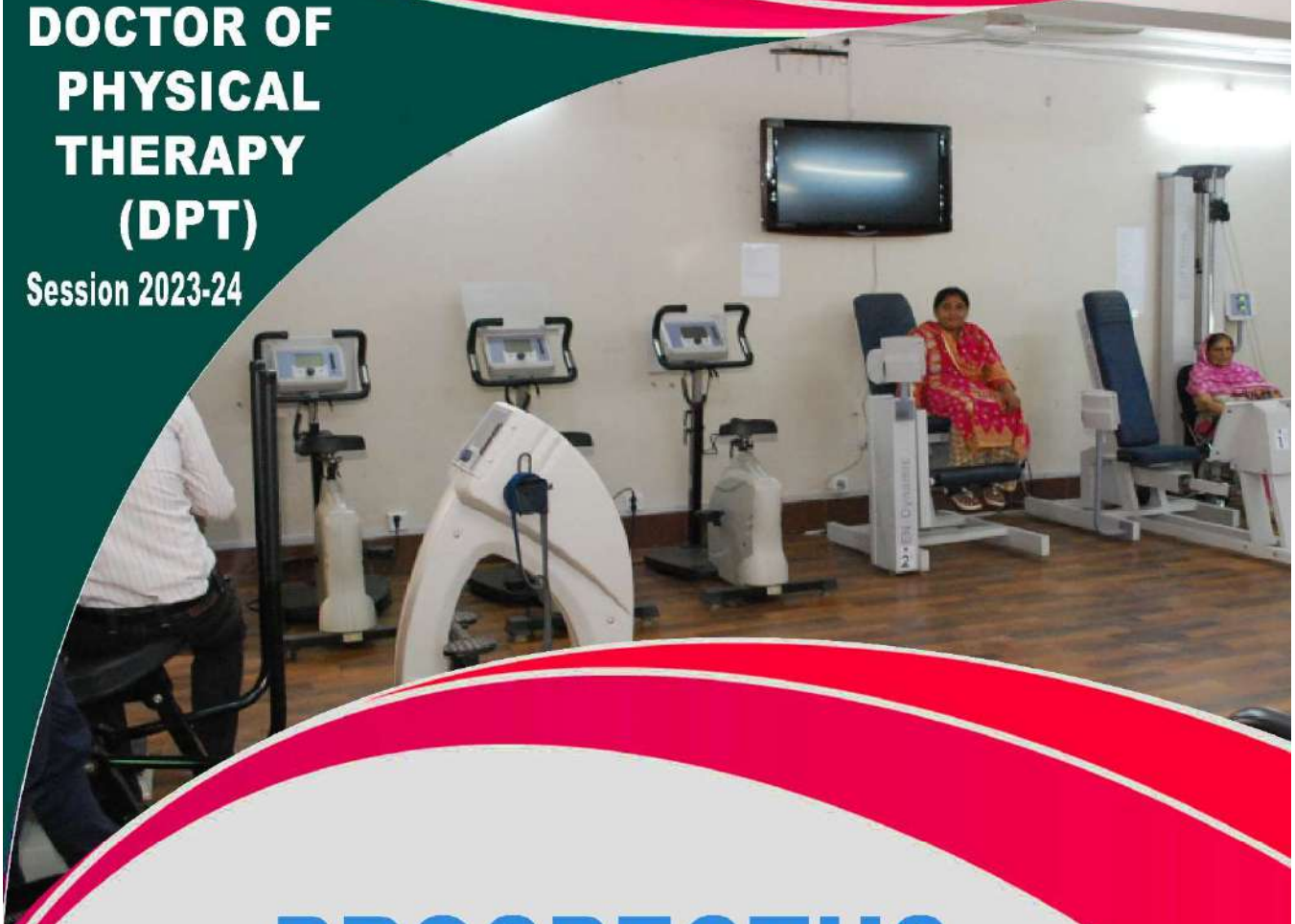




**DOW UNIVERSITY OF
HEALTH SCIENCES**

**DOCTOR OF
PHYSICAL
THERAPY
(DPT)**

Session 2023-24



PROSPECTUS

**DOW INSTITUTE OF PHYSICAL
MEDICINE & REHABILITATION (DIPM&R)**

**Website : admissions.duhs.edu.pk
Email : admissions.info@duhs.edu.pk**



PROF. MOHAMMED SAEED QURAISHY
Vice Chancellor
Dow University of Health Sciences

MESSAGE BY VICE CHANCELLOR

Dow University of Health Sciences was established in 2004, with the Vision to provide quality education in order to produce leaders and qualified professionals in healthcare, health education and healthcare service delivery, by imparting knowledge through excellence in research and education. Our Vision today is to be the preeminent institution committed to changing and saving lives.

There is a great responsibility of assuring quality education and service delivery at all levels of the institution. Dow University of Health Sciences has emerged as the fastest growing institution offering quality medical education in all of South Asia and it is the result of the dedicated team efforts that Dow University is ranked ahead of many regional medical institutions. Dow University of Health Sciences has also made an impact at national and international levels, especially through its graduates who have gone to achieve progress and prosperity globally.

The alumni of this University have proven to be successful, resourceful, and philanthropic individuals who have contributed their time, efforts and resources to make a significant impact on their society. We aim to create an environment that fosters physical, emotional, and psychological wellness, and look to advance healthy lifestyles. By constantly measuring our deliverables, we have succeeded in creating an infrastructure of state of the art equipment and technology that meets the need of the future, and provides superior healthcare delivery systems today.

There had long been a need of a multidisciplinary rehabilitation facility in Pakistan, so the first civilian Institute of Physical Medicine and Rehabilitation (IPM&R) was established in 2007 under the umbrella of Dow University of Health Sciences.

I am optimistic that graduates of the DPT program will serve humanity by strengthening the concept of a knowledge based economy in Pakistan through their innovation, scientific and entrepreneurial skills.



Dr. Farhan Ishaque Khan

Ph.D, M.Sc(PT), MBA(HR),DPT,CHPE

Director & Associate Professor

Dow Institute of Physical Medicine & Rehabilitation, DUHS

MESSAGE BY THE DIRECTOR(DIPM&R)

It is an honor and privilege to be a part of an institution which has a vision to provide unmatched health education and dedicated to provide quality health services.

Rehabilitation is an immensely rewarding profession which attempts a holistic intervention of medicine, physical therapy, occupational and speech therapy etc. I am proud to say that our team of capable rehabilitation specialists have more than 25 years of clinical and research experience.

MESSAGE BY THE PROGRAM DIRECTOR (DPT)



**Dr. Faisal Yamin (PT)
Asst. Professor
Head of Department (Physiotherapy)
Programme Director (DPT)
Dow International Medical College
(DIMC)**

I really feel proud to write this message as an ambassador of the physical therapy profession. By the grace of almighty ALLAH, the Dow Institute of Physical Medicine & Rehabilitation has fully functional facilities at the OJHA campus. We are committed to providing and setting an advanced Physical Therapy education. In the last decade, the field of physical therapy has made a significant and worthwhile contribution in restoring the quality of life to the people with different abilities.

We envision this institute to be a forefront leader in providing quality education in Physical Therapy under the umbrella of Dow University of Health Sciences, Karachi. We wish this institute to cater to the communities that it serves, by offering hope and timely delivery of services to the civilian population of Karachi, Pakistan.

1) OVERVIEW OF COLLEGE/ INSTITUTE INCLUDING SCOPE & VISION

The Dow University of Health Sciences DUHS is the pioneering institution providing integrated Medical and Allied Health Sciences education. We remain committed to carry forward this legacy of educational excellence in the shape of Dow Institute of Physical Medicine & Rehabilitation, (DIPM&R) offering the Doctor of Physical Therapy (5 Years program). We cater yearly a batch of 100 students as per HEC policy at the OJHA Campus, Karachi, providing excellent academic facilities with senior and competent faculty with fully equipped labs, classrooms along with providing physical therapy and related services to the community.



Vision Statement

To Be a Pre-Eminent Academic Institution
Committed to Changing and Saving Lives.

Mission Statement

Providing Outstanding Patient Centered
Education, Training and Clinical Care Informed
by Cutting Edge Research and Innovation
Generating and Disseminating New Knowledge.

Program Objectives

1. To identify, understand and apply theoretical foundations of knowledge to the practice of physical therapy and clarify new evolving theory relevant to physical therapy.
2. To play role in reflective clinical practice through sound clinical decision making, able to correlate, evaluating and creating self-assessment and commitment to lifelong learning.
3. Understand, apply and roleplay as an expert clinician by practicing evidence- based physiotherapy, utilizing the process of critical thinking.
4. To build leaders to direct the management of physiotherapy education and policies that are consistent with the needs of the patient and society.
5. To apply the professional and social skills to adapt the changing healthcare environments to effectively provide physical therapy care.
6. To demonstrate application of research and scientific enquiry culture in physiotherapy profession.

Career Prospects

Physiotherapy deals with treating injuries and musculoskeletal disorders of patients. Physiotherapist diagnose and treat injured and differently-abled patients, helping with their rehabilitation.

Below is a list of careers in physiotherapy:

- Hospitals
- Private clinics and nursing homes
- Corporates
- Rehabilitation centers
- Sports and fitness centers
- Orthopedic clinics
- Universities and colleges
- Defense establishments
- Research

ELIGIBILITY OF THE CANDIDATE

- HSSC (Pre-Medical)/ A-Level or equivalent examination duly certified by IBCC with minimum 60% marks
- Candidate's Domicile {All Divisions of Sindh}

NO. OF SEATS

100 seats for each batch of DPT out of which

- 50 seats for open merit
- 50 seats for self-finance

Fee Structure of DPT (Doctor of Physical Therapy)

SESSION 2023-24

Amount in PKR.

FEE TYPE	Open Merit	Self-Finance
Admission Fee (Once only)	50,000	60,000
Tuition Fee (Yearly)	150,000	250,000
Document Verification Charges (Once only)	2,500	2,500
Student Activity Fee (Yearly)	10,000	10,000
Library Charges (Yearly)	10,000	10,000
Total	222,500	332,500

- Transport Fee (Optional) Rs. 36,000/- per year.

RULES FOR THE PAYMENT OF FEE

Fee for 2nd, 3rd & 4th year tuition fee (of the respective categories) will have to be paid within the specified time.

Late fee for succeeding years will be charged if fee is not paid within the provided deadline as per rates below:

- First month (after lapse of first month % 2.5.....of tuition fee
- Second month % 5.0.....of tuition fee
- Third month %7.5.....of tuition fee
- Fourth month%10of tuition fee

Fee of all categories will be increased by 10% every year.

AFTER FOUR MONTHS OF NON-PAYMENT, THE SEAT IS LIABLE TO BE CANCELLED AND STUDENT WILL NOT BE ALLOWED TO APPEAR IN ANY EXAMINATION.

- Fee deposited is refundable as per the Refund policy guidelines of the DUHS.
- Taxes will be applied as per the FBR rules.
- Hostel and Transport fee will be valid till December, 2024.
- Amounts stated in the fee vouchers are excluded of all Bank Charges.
- The Fee Structure may be revised by the university at any time during the course of the study, due to unavoidable circumstances.

RECOGNITION BY GOVERNING BODIES/ COUNCILS:

The DPT Curriculum is recognized by HEC, Pakistan as an advisory board and approved by the University Statutory bodies.

CURRICULUM:

Curriculum recognized by HEC

Title of Degree program:	Doctor of Physical Therapy (DPT)
Duration:	Five year
Total credit hour:	175 CREDIT HOURS

Breakdown of Course

1st Professional Year:

Semester	Courses	CODES	Course Credit Hours			Semester Credit Hours
			Theory	Practical / Labs.	TOTAL	
Semester 1	Anatomy-I	ANA 101	3	1	4	18
	Physiology-I	PHY 101	2	1	3	
	Kinesiology-I	KINE 101	2	1	3	
	English-I (Functional English)	ENG 101	3	0	3	
	Pakistan Studies	PKS 101	2	0	2	
	Introduction To Computer	INC 101	2	1	3	
Semester 2	Anatomy - II	ANA 102	3	1	4	18
	Kinesiology-11	KINE 102	2	1	3	
	Physiology-II	PHY 102	2	1	3	
	English-II (Communication Skills)	ENG 102	3	0	3	
	Islamic Studies / Ethics	ISE 102	2	0	2	
	Medical Physics	MPY 102	2	1	3	

2nd Professional Year:

Semester	Courses	CODES	Course Credit Hours			Semester Credit Hours
			Theory	Practical / Labs.	TOTAL	
Semester 3	Evidence Based Practice	EBP 201	2	1	3	17
	Pathology & Microbiology-I	PMB 201	2	0	2	
	Musculoskeletal Physical Therapy	MSK201	2	1	3	
	Anatomy-III (Neuro-Anatomy)	ANA201	2	1	3	
	Physical Agents & Electrotherapy-I	PAE 201	2	1	3	
	Medicine-I	MED 201	3	0	3	
Semester 4	Manual Therapy	MT202	2	1	3	17
	Biomechanics & Ergonomics-I	BMCHE202	3	0	3	
	Therapeutic Exercises & Techniques	THET202	2	1	3	
	Biochemistry-I	BCHM202	2	0	2	
	Physical Agents & Electrotherapy - II	PAE 202	2	1	3	
	Supervised Clinical Practice-I (Musculoskeletal Physiotherapy)	CPMSK202	-	-	3	

3rd Professional Year:

Semester	Courses	CODES	Course Credit Hours			Semester Credit Hours
			Theory	Practical / Labs.	TOTAL	
Semester 5	Clinical Decision Making & Differential Diagnosis	CDMDD301	3	0	3	19
	Surgery -I (Orthopedics surgery)	SURG 301	3	0	3	
	Biomechanics & Ergonomics-II	BMCHE 301	2	1	3	
	Biochemistry-II	BCHM 301	2	1	3	
	Pharmacology & Therapeutics 1 (MSK & Neuro)	PHARM 301	2	0	2	
	Sports Physical Therapy	SPPT 301	2	0	2	
	Supervised Clinical Practice - II (Musculoskeletal Physiotherapy)	CPMSK301	-	-	3	
Semester 6	Integumentary Physical Therapy	ITGP 302	2	0	2	17
	Anatomy-IV (Cardiopulmonary)	ANA302	2	1	3	
	Physiology-III (Cardiopulmonary)	PHY 302	2	1	3	
	Neurological Physical Therapy	NPT 302	2	1	3	
	Pediatric Physical Therapy	PDP 302	2	0	2	
	Prosthetics & Orthotics	PAO 302	2	0	2	
	Supervised Clinical Practice- III (Neurological Physiotherapy)	CPNPT302	-	-	2	

4th Professional Year:

Semester	Courses	CODES	Course Credit Hours			Semester Credit Hours
			Theory	Practical / Labs.	TOTAL	
Semester 7	Radiology & Diagnostic Imaging	RDI 401	2	1	3	18
	Surgery II	SURG 401	3	0	3	
	Medicine II	MED 401	3	0	3	
	Pathology & Microbiology-IT	PMB 401	2	1	3	
	Cardiopulmonary Physical Therapy	CPPT 401	2	1	3	
	Supervised Clinical Practice-IV (Cardiopulmonary Physiotherapy)	CPCPPT401	-	-	3	
Semester 8	English-III (Technical Writing & Presentation Skills)	ENG402	3	0	3	17
	Pharmacology & Therapeutics-II (Cardiopulmonary)	PHARM402	2	0	2	
	Exercise Physiology	EXP402	2	1	3	
	Biostatistics	BST402	3	0	3	
	Emergency Procedures & Primary Care In Physical Therapy	EPPCP 402	2	1	3	
	Supervised Clinical Practice V (ICU)	CPICU 402	-	-	3	

5th Professional Year:

Semester	Courses	CODES	Course Credit Hours			Semester Credit Hours
			Theory	Practical / Labs.	TOTAL	
Semester 9	Obstetrics & Gynecological Physical Therapy	OBSGP 501	2	0	2	17
	Molecular Biology & Genetics	MBIOG 501	2	0	2	
	Behavioral Sciences (Psychology & Ethics)	BHS 501	2	0	2	
	Health & Wellness	HLTHW 501	2	0	2	
	Scientific Inquiry & Research Methodology	SIRMD 501	2	1	3	
	Sociology	SOCIO 501	2	0	2	
	Supervised Clinical Practice-VI (Obstetrics & Gynecological Physiotherapy)	CPOBSGP 501	-	-	4	
Semester 10	Community Medicine & Rehabilitation	CMR502	3	0	3	17
	Professional Practice (Laws, Ethics & Administration)	PRFP 502	2	0	2	
	Gerontology & Geriatric Physical Therapy	GNTGP 502	2	0	2	
	Supervised Clinical Practice-VII (Geriatric Physiotherapy)	CPGP 502	-	-	4	
	Research Project	RSP 502	-	-	6	

ASSESSMENT METHODS:

1. Class test, Assignments.
2. Midterm exam.
3. Practical / Labs/ OSCE
4. Terminal exam



Number of Students Graduated and Studying:

- Total Graduate Students: 893
- Total Students Studying: 314

RESEARCH ACTIVITIES

Research is mandatory in final year of DPT program. Students fulfill the requirement of six credit hours project.

FACILITIES

The institution has the infrastructure according to the need of Department of Physiotherapy with available resources.



DEPARTMENT OF PHYSIOTHERAPY

It is fully equipped with advanced therapeutic procedures and major apparatus to meet the learning process of students according to the professional standard. Also it is fully equipped with modern modalities such as electrotherapy equipment, electronic and manual manipulation beds, electronic traction table etc.



REHABILITATION GYMNASIUM

It consists of therapeutic exercise equipment such as electronic tread mills & bicycles for aerobic activities, parallel bars & stairs for gait training, exercise balls for balance & strength training, Thera-bands for strength training, electronic tilting tables for weight bearing and Bobath beds for neurological rehabilitation.



DIGITAL LIBRARY

It is available for the students at the institute with internet facilities which play an integral role for literature searching (Evidence Based Practice).

The student can easily get access to digital lab on the basis of institute ID Card. The students also use this for Biostatistics course to use SPSS during the eighth semester of the course.



READING LIBRARY

Library is available which possess all the latest editions of reference books, articles and newspapers. It is helpful in self-directed studies. The reading materials are issued to students for in-campus learning.

LECTURE HALLS

Lecture Halls are well equipped with facilities of comfortable seating, multi-media etc. These halls can also be used for Seminars/ CMEs.

Teaching Methods:

Lectures/Laboratory, Reading material/ Multi-media/ Study guide etc.



PHOTOSHOP/ SOUVENIR SHOP

It is also available for students.

CANTEEN

A huge central international cafeteria is available at DIMC, Ojha Campus

EXTRA CURRICULAR ACTIVITIES

Annual sports week

DUHS gala

Farewells/ welcome parties and local dinners

Picnics/ Talent show

Pakistan Independence Day

Debate Competitions

Welfare Society

Self Defense Workshops

World Disability Day

World Physiotherapy Day

Future Prospects

DPT students can be enrolled in MS/ MPhil Physiotherapy in Pakistan or around the world.

Employment opportunity is high in Pakistan and Middle East.

They are entitled to appear in license board examination in USA, Canada, Australia and England.

Private practice and domiciliary services can be practiced by DPT students.

Teaching / research areas are widely open for these graduates.

FACULTY

Assistant Professors, Senior Lecturers, Lecturers, Senior Physiotherapists and clinical instructor have been involved in Academics and Clinical Teaching. Faculty is highly qualified, having Masters Level Qualification from foreign and national universities.

A. STUDENT'S CONDUCT RULES

(Applicable to Undergraduate and Postgraduate students of the University and its constituent or affiliated institutions)

These rules are applicable to all students who are admitted to the Dow University of Health Sciences, and includes undergraduate and postgraduate medical and dental students, nurses and all those being trained in Medical and Allied Health Sciences.

1. No student or group of students shall form society/ association / organization with permission from Principal of College.
2. No outsider will be invited by the students to address any meeting at the University or its constituent college/ institute/ school, hospital etc. whether academic, social, religious or political (without prior written permission of the authorities). Decision of authorities will be final and taken on case to case basis.
3. Students are not allowed to paste any poster, pamphlet or fix banners on the wall. Graffiti on walls (wall chalking) of the premises of the University or its constituent college/ institute/ school, hospital etc. be they, academic, social, religious or political, are also not allowed.
4. During teaching hours and/ or Clinical posting, students are prohibited to play or roam around in the premises.
5. No student or group of students shall arrange any programme, picnic, musical concert sports activities etc, on their own, without prior written permission from the authorities.

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6. No student or group of students are allowed to collect money for any purpose whatsoever.
 7. University/ College Identity Card, (ID) should be displayed, at all times, when the students are in the premises of the University or its constituent college / institute /School / Hospital etc. Faculty members and security staff are authorized to check I.D cards at any time.
 8. If any student wants to publish his/her scientific or literary article, he/she must get the draft approved, by the authorities. They are also required to submit the copy of the final article / paper (to be published) for record purposes to the University.
 9. Students will not be allowed to address the media or the national press on any subject.
 10. Students are forbidden to address higher authorities directly. Any communication intended for higher authorities, needs to be routed through proper channel (Vice Chancellor/ Principal / Medical Superintendent/ Director)
 11. Smoking, pan chewing, littering, spitting and other activities, prejudicial to the conduct are prohibited in the classroom, laboratories, seminar/ tutorial rooms, library during and after college hours and wards during clinical postings.
 12. Unless specifically permitted, no student or group of students are allowed to enter administrative and department offices / telephone exchange, or teaching areas like laboratory, lecture hall of the institution or department and/ or use office equipment(s)/ machinery, like telephone, computer, printer, typewriter, overhead projector, slide projector or multimedia etc.

13. No student is allowed to bring a weapon and/or ammunition, liable to cause injury, or any other harmful item, inside the premises.
14. No student or group of students will threaten, stop, harass, forcibly disallow or evict another bonafide student or group of students.
15. Misbehavior with faculty members and other staff members of the University and/or its constituent college / institute / school, hospital etc, by a student or a group of students is completely prohibited. Such misdemeanors would attract penalties as severe as expulsion and rustication.
16. Willful damage to either public or personal property in the University and / or its constituent college / institute / school etc, by a student or a group of students, is completely prohibited. Such misdemeanors would be liable to penalties as severe as expulsion and rustication.
17. Use of loud speakers/ amplifiers, megaphone is prohibited in the premises of the University.
18. No student will be allowed to park his/ her car inside the premises of the college / University unless specifically allowed by the competent authority.

A) SUSPENSION

A student shall be liable for suspension upto six months if he/she commits any of the following act:-

1. Misbehaves or quarrels with any teacher or member of the staff.
2. Is generally disobedient.
3. Spreads false rumours.
4. Uses unbecoming, indecent or filthy language.
5. Incites other students to violence.
6. Is inappropriately dressed.
7. Shouts, abuses, quarrels or fights with fellow students.
8. Raises slogans to hurt others, politically or religiously.
9. Interferes with the administration, including the mode or schedule of the examination.
10. Indulges in acts of immorality.
11. Indulges in any kind of political activity including displaying posters or play cards within the College.
12. Remains absent continuously for more than 4 weeks without prior permission.

(B) RUSTICATION

A student may be rusticated for a period of 3 years due to any of the following acts:-

1. Taking forceful possession, making unauthorized use or damaging any property.
2. Involving himself in any agitational activity.
3. Found indulging in activities, prejudicial and detrimental to the good order of the College.
4. Adopting unfair means during examination.
5. Disobeying an order of suspension passed against him.
6. Any other act, which the principal or the disciplinary committee considers inappropriate.
7. Anybody who does not submit the prescribed undertaking about non-involvement in political activities.

NOTE:-

Any student suspended or rusticated for the reasons mentioned above shall not be allowed to appear in the examinations.

(C) EXPULSION

A student is liable to be expelled from the college if he/she commits any of the following act and this order shall be final and irrevocable. If he/she.

1. Is found in possession of fire arms or lethal weapons or Narcotic drugs in the college premises, hostels, examination halls, teaching hospitals or any other area as specified by the university administration.
2. Remains absent for more than three months without permission of the Principal / Director, his/her admission shall be cancelled by the disciplinary committee of that college/ institute.

DRESS CODE

All students must wear white coat in the campuses of DIMC and Ojha campus (with a tag having name and class) and decent shoes/ sandals but no slippers, in case of default they will not be allowed to enter or a disciplinary action will be taken.

ATTENDANCE

Students having attendance in the class of less than 75% will not be allowed to appear in the mid-term and terminal examination as per DUHS policy.

FACULTY DIPM&R



Dr. Farhan Ishaque Khan
Associate. Professor/Director



Dr. Faisal Yamin PT
Asst. Professor
HOD & Program Director



Dr. Atiq-Ur-Rehman PT
Asst. Professor



Dr Syed Saeed Qaiser
Asst. Professor



Dr Samreen Yasmeen PT
Asst.Prof



Dr Muhammad Sarfraz PT
Asst.Prof



Dr sajjad AlmaniPT
Asst. Prof



Dr Saeed Sheikh PT
Senior Lecturer



Dr Erum Naz PT
Senior Lecturer



Dr Nazia Zeya PT
Senior Lecturer



Dr Afshan Khalid
PT Senior Lecturer



Dr Areeba Shafiq
Lecturer



Dr. Samreen Khan
Lecturer



Dr. Saba Aijaz Ali PT
Lecturer



Dr. Sobia Meeran PT
Senior Physiotherapist



Dr. Felicianus Anthony Pereira PT
Clinical Instructor



Dr. Muhammad Uzair Khan PT
Clinical Instructor



Dr Hafsa Paracha PT
Research Coordinator



Dr Areesha Anwar PT
Lab In charge