



**Dow University  
of Health Sciences**

**PROSPECTUS**

**ADMISSION  
IN**

**Session  
2020-21**



**DOCTOR OF PHYSICAL  
THERAPY (DPT)**

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

Email: [admissions@duhs.edu.pk](mailto:admissions@duhs.edu.pk)  
Website: [www.duhs.edu.pk](http://www.duhs.edu.pk)



**PROF. MOHAMMED SAEED QURAISHY**

Vice Chancellor  
Dow University of Health Sciences

### **MESSAGE BY VICE CHANCELLOR**

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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 has long been a need of a multidisciplinary rehabilitation facility in Pakistan, so 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 Faisal Yamin (PT)**

Asst. Professor

Head of Department (Physiotherapy)

Programme Director, Doctor of

Physiotherapy (DPT)

Dow Institute of Physical Medicine &

Rehabilitation

Dow International Medical College (DIMC)

## **MESSAGE BY THE PROGRAM DIRECTOR**

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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 a state of the art 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. We look forward to the new batch of 2021 and wish them all the success for seeking entry into this program.

## 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) for the session 2021 and onwards at the OJHA Campus, Karachi, 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.



## **ELIGIBILITY OF THE CANDIDATE**

- HSC (Intermediate Science) Pre-Medical/ A-Level or Equivalent, Min. 60% marks or equivalent.
- 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

## **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 (UPDATED BATCH 2017)**

- **Organized Curriculum Document By HEC**
- **Title of Degree program:** Doctor of Physical Therapy (DPT)  
**Duration:** Five years

**Total credit hour: 175 CREDIT HOURS**

## Breakdown of Course in Semesters:

### 1<sup>st</sup> Professional Year:

Semester	Courses	CODES	Course Credit Hours			Semester Credit Hours
			Theory	Practical / Labs.	TOTAL	
<b>Semester 1</b>	Anatomy-I	ANA 101	3	1	4	<b>18</b>
	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	
<b>Semester 2</b>	Anatomy –II	ANA 102	3	1	4	<b>18</b>
	Kinesiology-II	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	

## 2<sup>nd</sup> Professional Year:

Semester	Courses	CODES	Course Credit Hours			Semester Credit Hours
			Theory	Practical / Labs.	TOTAL	
<b>Semester 3</b>	Evidence Based Practice	EBP 201	2	1	3	<b>17</b>
	Pathology & Microbiology-I	PMB 201	2	0	2	
	Musculoskeletal Physical Therapy	MSK 201	2	1	3	
	Anatomy-III (Neuro-Anatomy)	ANA 201	2	1	3	
	Physical Agents & Electrotherapy-I	PAE 201	2	1	3	
	Medicine-I	MED 201	3	0	3	
<b>Semester 4</b>	Manual Therapy	MT 202	2	1	3	<b>17</b>
	Biomechanics & Ergonomics-I	BMCHE 202	3	0	3	
	Therapeutic Exercises & Techniques	THET 202	2	1	3	
	Biochemistry-I	BCHM 202	2	0	2	
	Physical Agents & Electrotherapy – II	PAE 202	2	1	3	
	Supervised Clinical Practice-I (Musculoskeletal Physiotherapy)	CPMSK 202	-	-	3	



### 3<sup>rd</sup> Professional Year

Semester	Courses	CODES	Course Credit Hours			Semester Credit Hours
			Theory	Practical / Labs.	TOTAL	
<b>Semester 5</b>	Clinical Decision Making & Differential Diagnosis	CDMDD 301	3	0	3	<b>19</b>
	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)	CPMSK 301	-	-	3	
<b>Semester 6</b>	Integumentary Physical Therapy	ITGP 302	2	0	2	<b>17</b>
	Anatomy-IV (Cardiopulmonary)	ANA 302	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)	CPNPT 302	-	-	2	

#### 4<sup>th</sup> Professional Year:

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

### 5<sup>th</sup> Professional Year:

Semester	Courses	CODES	Course Credit Hours			Semester Credit Hours
			Theory	Practical / Labs.	TOTAL	
<b>Semester 9</b>	Obstetrics & Gynecological Physical Therapy	OBSGP 501	2	0	2	<b>17</b>
	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	
<b>Semester 10</b>	Community Medicine & Rehabilitation	CMR 502	3	0	3	<b>17</b>
	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	

## FACULTY DIPMR



**Dr Faisal Yamin**  
Asst.Prof, HOD



**Dr Atiq ur Rehman**  
Asst. Prof



**Dr Farhan Ishaque Khan,**  
Asst.Prof



**Dr Samreen Yasmeen**  
Asst.Prof



**Dr Syed Saeed Qaiser**  
Asst.Prof



**Dr Muhammad Sarfraz**  
Asst.Prof



**Dr sajjad Almani,**  
Asst. Prof



**Dr Afshan Khalid**  
Senior Lecturer



**Dr Saeed Sheikh,**  
Senior Lecturer



**Dr Erum Naz,**  
Senior Lecturer



**Dr Nazia Zia**  
Senior Lecturer



**Dr Zohaib,**  
Physiotherapist



**Dr Areeba Shafiq**  
Lecturer



**Dr Saba Aijaz**  
Lecturer



**Mr Waseem**  
Speech Therapist

### **ASSESSMENT METHODS:**

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



### **RESEARCH ACTIVITIES**

Research is mandatory in final year of DPT program. Students fulfill the requirement of 6 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 modalities and major apparatus to meet the learning process of students according to the professional standard. It is fully equipped with modern modalities such as electrotherapy equipments, electronic and manual manipulation beds, electronic traction table etc.

### **REHABILITATION GYM**

It consists of therapeutic exercise equipments 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



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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.

### **Teaching Methods:**

Lectures/Laboratory, Reading Material/ Multi Media / Study guide etc.

## LECTURE HALLS

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







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## **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, Lecturers and Senior Physiotherapists 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.

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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.

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5. Disobeying an order of suspension passed against him.
  6. Any other act, which the principal or the disciplinary committee considers inappropriate.
  7. Any body 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 DMC AND OJHA CAMPUS (WITH A TAG HAVING NAME AND CLASS) AND DECENT SHOES / SANDLE BUT NO SLIPPERS, IN CASE OF DEFAULT THEY WILL NOT BE ALLOWED TO ENTER





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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 EXAMINATION.



# DOW UNIVERSITY OF HEALTH SCIENCES