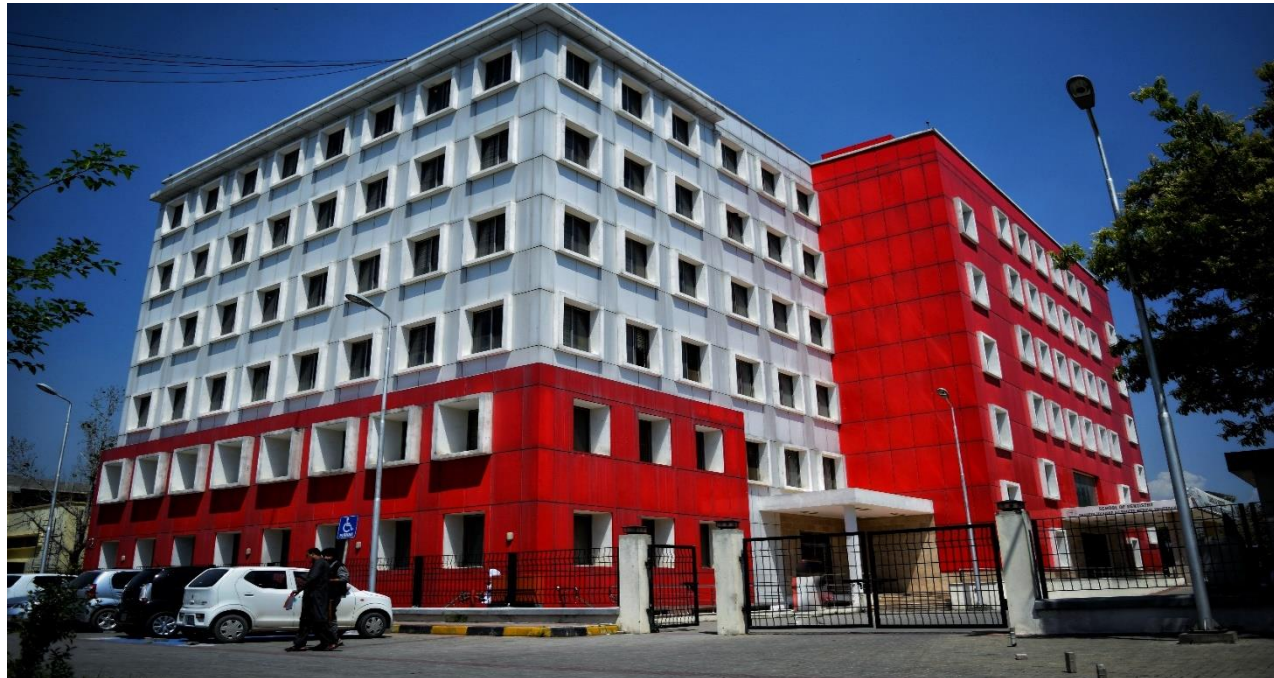




SHAHEED ZULFIQAR ALI BHUTTO MEDICAL UNIVERSITY, ISLAMABAD



Institute of Rehabilitation Sciences



PROSPECTUS

DOCTOR OF PHYSICAL THERAPY (DPT)

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VICE CHANCELLOR'S MESSAGE



Prof. Dr. Tariq Iqbal

FRCS (Glasg) FCPS (Pak) FACS (USA)
Plastic, Burns Reconstructive Surgeon

Shaheed Zulfiqar Ali Bhutto Medical University is committed to establishing itself as state-of-the-art health care teaching institution in Pakistan.

It is a great honour for me to be the Vice Chancellor of this prestigious University. In the last years SZAB Medical University achieved significant milestones and made major contribution towards the

standardization and quality of both academics and clinical practice. SZAB Medical University is the pioneer university for many innovative degree programs.

The Institute of Rehabilitation Sciences (IRS) has a leading role in the Physical Therapy, Allied Health Sciences and offers many Degree Programs from under grade level to Doctoral level programs. If you plan to have a degree in Rehab and Allied Health sciences, I believe Institute of Rehabilitation Sciences is the best place to have quality and value-based education. We warmly welcome you to learn in a conducive environment from our highly qualified faculty.

May Allah grant us resilience and dedication to rise to the expectations of the society and the nation in a befitting manner. (Aameen)

MESSAGE FROM THE HEAD OF DEPARTMENT



Dr. M. Rauf Ahmed (PhD)

Assistant Professor

It is with great pleasure that I, being Head of Physical Therapy department, delighted to welcome you to our vibrant and innovative academic community dedicated to shaping the future of healthcare.

At Institute of Rehabilitation Sciences, we take pride in offering a comprehensive and cutting-edge Physical Therapy program that not only equips students with the knowledge and skills needed for successful careers but also fosters a deep understanding of the dynamic and evolving field of physical therapy.

Our distinguished faculty members, comprised of seasoned professionals and researchers, are committed to providing a world-class education. They bring a wealth of experience to the classroom, blending theoretical knowledge with real-world applications. The curriculum is designed to challenge and inspire students, encouraging critical thinking and problem-solving in the ever-evolving healthcare landscape.

One of the hallmarks of our program is our state-of-the-art facilities, including well-equipped labs and rehabilitation centre. These resources provide students with hands-on experiences, allowing them to apply theoretical concepts in a practical setting. Additionally, our strong emphasis on clinical placements ensures that students gain exposure to diverse patient populations, preparing them for the varied challenges they may encounter in their careers.

Furthermore, we prioritize research and innovation within our department, actively contributing to advancements in the field of physical therapy. We encourage students to engage in research projects, fostering a spirit of inquiry and a commitment to evidence-based practice.

We look forward to welcoming you into our dynamic and thriving community.

OVERVIEW OF INSTITUTE

Shaheed Zulfiqar Ali Bhutto Medical University (SZABMU) was established as first public sector Medical University of Federal Capital in year 2013. The Institute of Rehabilitation Sciences (IRS) at SZABMU was established in November 2019.

The Institute is currently offering Doctor of physical therapy Program (DPT). Doctor of Physical therapy DPT is a five-year professional degree program comprises of 10 semesters. Physiotherapy is a primary care, autonomous, client focused health profession concerned with enhancing mobility and quality of life by using clinical reasoning to deliver the most suitable treatment for injury. It is a science of healing and art of caring.

It pertains to the assessment, diagnosis and evaluation of Neurological, Respiratory system, Musculoskeletal and Cardiovascular functional disorders with symptoms of pain, oedema, physiological, structural and psychosomatic ailments. It is not limited to that only but also focuses on treating a variety of conditions such as Paediatrics, Geriatrics, Women health and Sports injuries.

Physiotherapy diagnosis is based on principles of clinical decisions making through examination, evaluation, prognosis, interventions and outcome evaluation. They are an important part of health care team who work directly with the patients ensuring their recovery after surgery, injury, fracture or other acquired disability.

Doctor of Physiotherapy is a highly respected and sought after professional degree the world over. With the world-wide population DPT is one of those qualification that will remain in high demand the world over for coming years.

MISSION STATEMENT

To advance the art and science of Rehabilitation Sciences through education, services and research.

VISION STATEMENT

To be the trusted leader in rehabilitation practice, research and education

PROGRAM OFFERED

Doctor of Physical Therapy (DPT) – 5 Years Degree Program

Eligibility Criteria

Eligibility Criteria for admissions in DPT is as follows

- i. Minimum 60% Marks in F.Sc (Pre-Medical) (Physics, Chemistry & Biology as compulsory subjects)
- ii. Minimum 50% marks in MDCAT/SZABMU entry test

Recognized by Governing Bodies:

The DPT Curriculum is recognized by HEC, Pakistan and approved by the SZABMU Statutory Bodies.

CURRICULUM

- Recognized Curriculum Document by HEC
- Title of Degree Programme: Doctor of Physical Therapy
- Duration: 5 years
- Total credit hours: 175 Credit Hours

BREAKDOWN OF COURSE IN SEMESTERS

Each academic year has been split up into two semesters, duration of each semester is 18 weeks including mid-term and final examination.

ASSESSMENT METHODS

- Attendance: Minimum 75% attendance is mandatory in each course
- Internal Assessment: Quizzes, Assignments and Presentations during the semester
- Midterm Exams: Formulative Assessment
- Terminal Exams: Summative Assessment
- Practical, OSCE, OSPE & OSVE

SCHEME OF STUDIES

Semester/Year	Name Of Subject	Credits
First Professional Year		
First	Anatomy–I	4(3-1)
	Physiology-I	3(2-1)
	Kinesiology-I	3(2-1)
	English-I (Functional English)	3(3-0)
	Pakistan Studies	2(2-0)
	Ethics / Introduction to Computer	3(2-1)
		18
Second	Anatomy–II	4(3-1)
	Physiology-II	3(2-1)
	Kinesiology-II	3(2-1)
	English-II (Functional English)	3(3-0)
	Islamic Studies/ Ethics	2(2-0)
	Sociology	2(2-0)
		17

Semester/Year	Name Of Subject	Credits
Second Professional Year		
Third	English-III (Technical Writing & Presentation Skills)	3(3-0)
	Anatomy –III	3(2-1)
	Physiology-III	3(2-1)
	Biomechanics & Ergonomics-I	3(3-0)
	Biochemistry I	2(2-0)
	Medical Physics	3(2-1)
		17
Fourth	Anatomy-IV (Neuro Anatomy)	3(2-1)
	Biomechanics & Ergonomics-II	3(2-1)
	Health & Wellness	2(2-0)
	Biochemistry II	3(2-1)
	Exercise Physiology	3(2-1)

Semester/Year	Name Of Subject	Credits
	Molecular Biology & Genetics	2(2-0)
		16
Third Professional Year		
Fifth	Pathology & Microbiology I	2(2-0)
	Pharmacology & Therapeutics I	2(2-0)
	Physical Agents & Electrotherapy I	3(2-1)
	Therapeutic Exercises Techniques	3(2-1)
	Behavioural Sciences	2(2-0)
	Biostatistics I	3(3-0)
	Supervised Clinical Practice I	3(0-3)
		18
Sixth	Pathology & Microbiology II	3(2-1)
	Pharmacology & Therapeutics II	2(2-0)
	Physical Agents & Electrotherapy –II	3(2-1)

Semester/Year	Name Of Subject	Credits
	Biostatistics II	3(3-0)
	Community Medicine & Rehabilitation	3(3-0)
	Supervised Clinical Practice II	3(0-3)
		17
Fourth Professional Year		
Seventh	Medicine I	3(3-0)
	Surgery I	3(3-0)
	Radiology & Diagnostic Imaging	3(2-1)
	Musculoskeletal Physical Therapy	3(2-1)
	Evidence Based Practice	3(2-1)
	Supervised Clinical Practice III	3(0-3)
		18
Eight	Medicine II	3(3-0)
	Surgery II	3(3-0)

Semester/Year	Name Of Subject	Credits
	Neurological Physical Therapy	3(2-1)
	Emergency Procedure & Primary Care in Physical Therapy	3(2-1)
	Scientific Methodology & Research Methodology	3(2-1)
	Supervised Clinical Practice IV	3(0-3)
		18
Fifth Professional Year		
Ninth	Cardiopulmonary Physical Therapy	3(2-1)
	Prosthetics & Orthotics	2(2-0)
	Clinical Decision Making & Differential Diagnosis	3(3-0)
	Manual Therapy	3(2-1)
	Professional Practice (Laws, Ethics & Administration)	2(2-0)

Semester/Year	Name Of Subject	Credits
	Integumentary Physical Therapy	2(2-0)
	Supervised Clinical Practice V	3(0-3)
		18
Tenth	Obstetrics & Gynaecological Physical Therapy	2(2-0)
	Paediatric Physical Therapy	2(2-0)
	Gerontology & Geriatric Physical Therapy	2(2-0)
	Sports Physical Therapy	2(2-0)
	Supervised Clinical Practice Vi	4(0-4)
	Research Project	6
		18
	Total Credits	175

FEE STRUCTURE (MERIT BASED) FOR DPT PROGRAM

(At the time of admission)

1	Admission Fee	Rs. 4500
2	Tuition	Rs. 50350
3	Registration Charges	Rs. 8800
4	Security fee	Rs. 5000
5	Sport Fund	Rs. 1000
6	Equipment Charges	Rs. 1500
	Total	Rs. 71,150

2nd to 9th Semester

Tuition	Rs. 50350
Sport Fund	Rs. 1000
Equipment Charging	Rs. 1500
Per Semester	Rs. 52850

10th Semester

Tuition	Rs. 50350
Sport Fund	Rs. 1000
Equipment Charging	Rs. 1500
Degree charges	Rs. 11,200
Transcript	Rs. 1000
Research & Thesis submission	Rs. 16,000
Total	Rs. 81,050

FEE STRUCTURE FOR SELF FINANCE STUDENTS

Sr	Description	Fee in Frist Semester (Rs.)	Fee (2 nd to 9 th semester each)	Fee Final Semester Rs
1	Admission Fee (one time)	25,200	-	-
2	Registration Fee (one time)	8,100	-	-
3	Security Fee (one time) Refundable	9,900	-	-
4	Tuition Fee	172,222	172,222	172,222
5	Prospectus Fee	1,530	-	-
6	Application / Test Fee	2,070	-	-
7	Examination Fee	6,120	6,120	6,120
8	Co-Curricular Activities	990	990	990
9	Semester Enrolment Fee	5,580	5,580	5,580
10	Degree Fee	-	-	11,200
11	Transcript Fee	-	-	2,250
Total Fee per Semester (Rs)		231,712	184,912	198,362

FACULTY

Institute of Rehabilitation Sciences (IRS)

Head of Department	Dr Rauf Ahmed	BS, MS, PhD
Associate Professor/HOD (Department of Molecular Biology)	Dr Mohsin Shahzad	MSC, MPhil, PhD
Professor (Pharmacology Department)	Dr Khalid Niaz	MSC, MPhil, PhD
Associate Professor (Anatomy Department)	Dr Anber Saleem	MBBS, FCPS
Assistant Professor (Radiology Department)	Dr Samina Akhtar	MBBS, FCPS
Professor (Medicine Department PIMS)	Dr Shafat Khatoon	MBBS, FCPS, MCPS
Assistant Professor (Chemical Pathology Department)	Dr. Saman Waqar	MBBS, MPhil
Assistant Professor (Department of Molecular Biology)	Dr Ahmad Farooq	MSc, MPhil, PhD
Senior Biostatistician SZABMU	Mr Muhammad Afzal	MPhil, MSc
Lecturer (DPT Department)	Dr. Sairish Sairien	MS-CPPT, DPT
Lecturer (DPT Department)	Dr Hadia Anjum	MS-NMPT, DPT

Institute of Rehabilitation Sciences (IRS)

Lecturer (DPT Department)	Dr Mamoonah Tasleem Afzal	MS-NMPT, DPT
Clinical Supervisor (In charge Physical Therapy Department PIMS)	Dr Mubashra Sabir	PPDPT, BSPT
Clinical Supervisor (Paediatrics Physical Therapy Department PIMS)	Dr Bisma Sarfraz	PPDPT, BSPT

RESEACH ACTIVITES

Research is mandatory in final year of DPT programme. Students have to fulfil the requirement of 6 Credit Hours Research and Thesis Project.

FACILITES:

The Institution has the infra-structure according to need of Department of Physical Therapy with available resources.

TEACHING HOSPITALS:

- Pakistan Institute of Medical Sciences (PIMS), Islamabad
- National Institute of Rehabilitation Sciences (NIRM), Islamabad
- National Institute of Health (NIH), Islamabad
- Poly Clinic Hospital, Islamabad



DEPARMENT OF PHYSICAL THERAPY:

It is fully equipment with advanced 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 equipment, electronic and manual beds, electronic traction tables etc.

All these facilities available:

- Rehabilitation Gym
- Digital Library
- Library
- Lecture Halls
- Cafeteria



Extracurricular Actives:

- Pakistan Independence Day
- Word Physical Therapy Day
- World Disability Day
- Welcome & Farewell Parties
- Annual Sports week & Dinner



UNIFORM

All students are required to wear following prescribed dress:

A. Girls

1.. Students of 1st to 4th Semester

- Shirt Full sleeves. White with collar and cuffs.
- Trouser. White
- Dupatta. Light gray.
- Socks. White.

B. Boys

1. Students of 1st to 10th Semester

- Shirt Full sleeves. White with collar and cuffs.
- Pant. Gray.
- Neck tie. Light gray.
- Socks. White.
- Shoes. Black.

2. Students of 5th to 10th Semester

- Shirt Full sleeves. Light gray with collar and cuffs.
- Trouser. White
- Dupatta. Light gray.
- Socks. White.

Uniform during Clinical Rotation

Girls

- Navy Blue Scrub. (shirt should be of proper length)
- Socks. Gray.
- Shoes. Gray.

Boys

- Shirt and trouser. Navy blue.
- Socks. Gray.
- Shoes. Gray.



STUDENT CONDUCT RULES

These rules are applicable to all students who are admitted to the IRS-SZABMU.

1. No student or group of students shall form society/ association / organization without permission from Principal.
2. No outsider will be invited by the students to address any meeting at the University 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, also any other 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.
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.

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 Bonafede student or group of students.
15. Misbehaviour with faculty members and other staff members of the University by a student or a group of students is completely prohibited. Such misdemeanours would attract penalties as severe as expulsion and rustication.
16. Wilful damage to either public or personal property in the University by a student or a group of students, is completely prohibited. Such misdemeanours 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.
19. Abide by non-use of Smoking and Drug Policy.
20. Students must abide by rules updated from time to time.

A) SUSPENSION

A student shall be liable for suspension up to 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 university 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 university 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.

CONTACT:

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dpt@szabmu.edu.pk

LOCATION

Basement floor, School of Dentistry,
Shaheed Zulfiqar Ali Bhutto Medical University,
Sector G-8/3, Ravi Road, Islamabad, Pakistan.

