



Sindh Institute Of Physical Medicine
and Rehabilitation (SIPMR)

PROSPECTUS

SESSION 2023-24

TRAINING THE NEXT
GENERATION OF
REHABILITATION
EXPERTS

**TRAINING THE NEXT GENERATION
OF REHABILITATION EXPERTS**

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TABLE OF CONTENTS

Sr. No.	Contents	Page No.
1.	Message Of Chief Minister's Secretariat, Sindh, Karachi	6
2.	Message Of Health Department's Secretariat, Sindh, Karachi	8
3.	Message By Honorable Executive Director	10
4.	Message By Additional Executive Director	11
5.	Brief Overview of SIPM&R	12
6.	Vision, Mission & Core Values Of SIPM&R	13
7.	Doctor of Physical Therapy (DPT)	14-25
8.	BS. Occupational Therapy (BSOT)	26-36
9.	BS Prosthetics & Orthotics (BSPO)	37-46
10.	BS in Audiology and Speech Language Therapy (BS-ASLT)	47-54
11.	Rules & Regulations Relating To Discipline, Conduct, Suspension and Attendance For The Students Of The Institute	55-56
12.	Admission Process & Number of seats	57
13.	Fee Structure Details of Doctor of Physical Therapy (DPT), BS. Occupational Therapy (BSOT), BS Prosthetics & Orthotics (BSPO) and BS Audiology & Speech Language Therapy (BS-ASLT)	58-59
14.	Examination Rules and Instruction	60-61
15.	Quality Enhancement Cell	62
16.	Life at SIPM&R	63
17.	Extra-Curricular Activities, workshops, conferences and facilities	64-66
18.	List of Faculty	67-69
19.	Press Clippings	70



SYED MURAD ALI SHAH
HONORABLE CHIEF MINISTER OF SINDH





CHIEF MINISTER'S SECRETARIAT, SINDH, KARACHI

MESSAGE

“My interest with the first ever civilian Institute of Physical Medicine & Rehabilitation is from its inception back in 2007 and since that time, it has grown significantly. It is a matter of immense pleasure & satisfaction that the Govt. of Sindh has succeeded in establishing the first ever Sindh Physical Medicine & Rehabilitation Institute. I congratulate Executive Director, Prof. Dr. Nabila Najam Soomro, and her team for this formidable success and for achieving many milestones in a short span of time. I am confident that by the grace of Almighty Allah, this institute will emerge as one of the most vibrant, dynamic and valued institutes in the region and continue to serve the humanity and achieve greatness.”

”کسبِ کمال کن
کہ عزیزِ جہاں شوی“
(اقبال)

“Achieve Excellence And You Will
Be The Beloved Of The World.”

DR. AZRA FAZAL PECHUHO
HONORABLE HEALTH MINISTER SINDH





**HEALTH DEPARTMENT
GOVERNMENT OF SINDH**

HEALTH DEPARTMENT'S SECRETARIAT, SINDH, KARACHI

MESSAGE

“I would like to felicitate the Executive Director, Prof. Dr. Nabila Soomro, and faculty of Sindh Institute of Physical Medicine and Rehabilitation on its first announcement of admissions as a degree awarding institute. Health Department Government of Sindh feels pride in facilitating in the establishment of SIPM&R as the institute holds uniqueness in its reputation in terms of respect and dignity. SIPM&R is first of its type in the province of Sindh which not only provides comprehensive rehabilitation facilities to disabled patients but also produces rehabilitation experts who work as a multi-disciplinary team in the society and play a crucial role in community rehabilitation. In the end, I wish this institute to be committed to continuing and expanding its reputation for excellence in all aspects.”

إن مع العسر يسرا

Verily with every hardship comes ease

PROFESSOR DR. NABILA NAJAM SOOMRO
HONORABLE EXECUTIVE DIRECTOR OF SIPM&R



MESSAGE BY HONORABLE EXECUTIVE DIRECTOR

**EXECUTIVE DIRECTOR, SINDH INSTITUTE OF PHYSICAL
MEDICINE & REHABILITATION
PROFESSOR DR. NABILA NAJAM SOOMRO**

Welcome to the Sindh Institute of Physical Medicine and Rehabilitation, the leading and only civilian multidisciplinary rehabilitation Institute in the region which has a solid past and an exciting future. The field of physical medicine and rehabilitation is relatively young and growing in our country. An increasing number of people with disabilities are demanding reasonably good quality of life which is only possible when health care practitioners and society have a general understanding of the field and the integral role of its practitioners.

SIPM&R has developed over time and now proudly offers a full range of educational programs with experienced multi-disciplinary faculty under one roof that will provide you with rigorous academic, clinical and research experiences in a prestigious facility. Additionally, it is the first Institute in the province to be accredited by the College of Physicians and Surgeons of Pakistan for residency training in this specialty. The academic services of the Institute include residency in physical medicine and rehabilitation and degree programs in Physical Therapy, Audiology & Speech Language Therapy, Occupational Therapy, and Prosthetics & Orthotics.

We are excited to welcome prospective students who choose to enroll themselves in one of our offered programs in the quest to becoming a leading professional in the field of Physical Medicine & Rehabilitation and Allied Health Services.

MESSAGE BY ADDITIONAL EXECUTIVE DIRECTOR



DR. SYED IMRAN AHMED
MBBS, FCPS
ADDITIONAL EXECUTIVE DIRECTOR
SINDH INSTITUTE OF PHYSICAL MEDICINE AND REHABILITATION

It gives me immense pleasure to write this message for those students who are willing to get admissions into the course of Doctor of Physical Therapy, BS Occupational Therapy, BS Prosthetics & Orthotics and BS in Audiology & Speech Language Therapy at one of the premier, pioneering and prestigious institution in the field of medical education.

Sindh Institute of Physical Medicine & Rehabilitation (SIPM&R) has also the honor & privilege of being the first institute in the Public sector of Pakistan that has produced a large population of Medical Allied Health graduates & postgraduates who are providing Rehabilitation services all over the world. SIPM&R was established in 2007 at Karachi to fulfill the extensive demand of students in the field of rehabilitation, and also to meet the requirement of services for patients who are in dire need of rehabilitation services.

In today's rapidly changing world, advancement and development have paramount importance. Studying at SIPM&R in dual disciplines will offer you a challenge & inspire you to be a skilled & professional equipped person in related field.

I hope your time here at SIPM&R will help to provide a foundation on which you will make your contributions to a better future for yourselves and the generations ahead. I, being the Additional Executive Director of this Institute welcome you to be the student & alumni of this prestigious Institute to acquire knowledge & skills in the field of Physiotherapy, Occupational Therapy, Prosthetics & Orthotics and Audiology & Speech Therapy.

BRIEF OVERVIEW

General

In our country, rehabilitation medicine is a young and growing field and the Sindh Institute of Physical Medicine and Rehabilitation (SIPM&R) is the only first civilian institute in Pakistan offering multidisciplinary rehabilitation services since 2007. Previously, the Institute was part of the Dow University of Health Sciences since its inception; however, the Institute has now been re-constituted as an autonomous body by the Government of Sindh.

Physical Medicine and Rehabilitation (PMR) is a conceptually and philosophically sound branch of Medical Science which is primarily aimed at restoring a person who has suffered physical impairment, functional limitation or participation restriction to his / her fullest functional potential depending on his / her desires and life plans. This necessitates the integrated functioning of many inter-related Allied and Health specialties like Physiotherapy, Occupational Therapy, Prosthetics & Orthotics, Neuropsychology, Autism, Audiology and Speech Language Pathology, Learning Disabilities and Cardiac rehabilitation etc. under one roof of Rehabilitation. There is an immediate need for more number of trained and dedicated Allied and Health professionals; hence SIPM&R offers DPT, BSOT, BSPO and BS-ASLT programs.

The students who are electing to pursue a career in these fields at the Institute will be provided high quality training programs to enable them to practice their discipline whilst managing rehabilitation issues of individuals of all ages, bearing in mind ethical considerations, evidence based guidelines and above all, being a valuable rehabilitation team member.



Vision

- Our vision is to be the lead provider of rehabilitative care by a team of dedicated multidisciplinary professionals.

Mission

- SIPM&R is committed to serving in the field of Physical Medicine & Rehabilitation with two-folded mission:
 - To train the next generation of rehabilitation experts as academician, clinicians and researchers; and
 - To provide culturally inclusive, multidisciplinary and individually tailored rehabilitation services through the integration of advanced technology, education, cutting-edge research and strong patient advocacy.

Core Values

- **Integrity:** Foster an environment of honesty, sincerity and trust in which we hold ourselves to the highest ethical standards.
- **Excellence:** Provide an experience that makes a positive difference in the lives of our faculty, patients and students and strive for the very highest of standards in everything that we do.
- **Diversity:** A broad diversity of people and ideas are welcomed and supported as essential for quality education in a globally independent society. Students will have reasonable and affordable access to a comprehensive range of high quality education programs and services.
- **Leadership:** Build on heritage by inspiring and developing future leaders in the field of rehabilitation.
- **Innovation:** Encourage and support faculty, staff and students in all forms of scholarships including the discovery and application of knowledge in teaching and learning and in developing innovative products and processes.
- **Respect:** Each person is to be treated with respect, dignity and equitably in all situations.

DOCTOR OF PHYSICAL THERAPY (DPT)



MESSAGE BY HOD PHYSIOTHERAPY

DR. SAEED AKHTER –PT



Head of Department Physiotherapy

Sindh Institute of Physical Medicine and Rehabilitation

Master Degree in Physiotherapy-England

SRPT, MCSP- England

State Registered and Chartered Physiotherapist- England

Ex Highly Specialist Physiotherapist & Team Leader NHS-England

Welcome to the Department of Physical Therapy at the Sindh Institute of Physical Medicine and rehabilitation. Whether you are looking for undergraduate or postgraduate level admission in Physical Therapy programs, we offer you to discover endless learning opportunities that persist here at SIPM&R.

Our Doctor of Physical Therapy (DPT) is intended to provide students with unparalleled knowledge and hands on skills required to meet competitive healthcare demands.

We are fortunate to have an excellent faculty with Master's degrees and intensive clinical experience in various areas of physiotherapy practice. The department is thoroughly committed to academic and clinical research and promotes evidence-based practice in the field of physiotherapy. A satisfactory proportion of our faculties have foreign qualifications with working experience including some PhD Scholars in the subject of Physiotherapy.

We have a State-of-the-Art Physiotherapy Clinical department equipped with latest technology-based therapeutic modalities and offering evidence based hands on techniques in the area of Musculoskeletal, Sports & Orthopedics, Neurology, Pediatric, Cardiopulmonary, Women health Physiotherapy, Gait and pain management with inpatient rotational practice in collaboration with a tertiary care hospital.

It is an honor to be working together to lead this outstanding department further by enhancing academic and clinical quality standards.

OVERVIEW:

We aim to provide a professional qualification of 5 years followed by 1 year of paid house job that is standard in today's national and international competitive job market. We promise an interactive teaching environment where every student feels valued and welcomed. We have a combination of faculty with foreign qualifications, international research and clinical exposure who work with high dedication to provide quality physiotherapy teaching. This 5 year course enables students to earn a high level, specialist qualification, acquiring clinical skills and teaching expertise to perform the best physical therapy practices in any part of the world. This qualification will prove valuable to anyone wishing to succeed in the world of physical therapy and students can look forward to a rewarding career, good salary, and a challenging and interesting role with great promotional aspects. Our graduates hold good places as registered, licensed practitioners in different parts of the world. We are proud to offer this program which offers great diversity and a wide range of career possibilities at both the national and international levels.

PROGRAM OBJECTIVES OF DOCTOR OF PHYSICAL THERAPY PROGRAM

1. Apply in-depth knowledge of the basic and clinical sciences relevant to the physical therapy in patient care.
2. Acquire basic skills such as presentation skills, clinical education, designing and disseminating research knowledge and integrating into selective teaching strategy into classroom and clinic.
3. Recall and utilize critical thinking and problem solving skills to establish and promote innovative evidence based practice in the delivery of health care.
4. Demonstrate high level of professionalism, clinical skills, and unique abilities and enhance their personal and professional growth as a lifelong learner.
5. Analyze the core concepts of clinical ethics and law to place in context with the social, economic and cultural issues of practice and effectively employ professional accountability.
6. Use effective communication, counseling, information technology and management skills to take on leadership role in order to ensure patient safety and satisfaction and clinical productivity.

PROGRAM OUTCOMES:

On successful completion of this program Doctor of Physical Therapy graduates will:

- Demonstrate entry-level competence necessary to practice physical therapy as an independent member of the healthcare team in diverse settings.
- Employ effective leadership skills in the context of supervising, teaching and mentoring patients, families, peers, students and community.
- Exhibit contemporary expertise in clinical practice and conduct practical or practice-based tasks in a responsible, safe and ethical manner taking proper account of risk assessment and health and safety regulations.
- Develop cognitive and creative skills to review critically, analyze, consolidate and synthesize knowledge and judgment in identifying and solving problems with intellectual independence.
- Use communication skills to present a clear, coherent and independent exposition of knowledge and ideas.
- Demonstrate commitment to the profession by participating in professional organizations, scholarship, education, and advocacy and show responsibility and accountability for lifelong learning.

General information:**Course details**

- Title : Doctor of Physical Therapy
- Credit hours : 175
- Duration : Five Years (Total 10 semesters)

Eligibility criteria: Candidate must be intermediate science, Pre-Medical with minimum 60% marks or must have taken an equivalent examination of a recognized college

Number of seats: Maximum 75 seats

Assessment method: All courses have continuous assessment during the semester that includes quizzes, assignments, and a mid-term and final examination.

COURSE OUTLINE

Semester	Courses	CODES	Course Credit Hours			Semester Credit Hours
			Theory	Practical / Labs.	Total	
1	Anatomy-I	A30101	3	1	4	18
	Physiology-I	A30102	2	1	3	
	Kinesiology-I	A30103	2	1	3	
	English-I (Functional English)	A30104	3	0	3	
	Pakistan Studies	A30105	2	0	2	
	Introduction To Computer	A30106	2	1	3	
2	Anatomy –II	A30207	3	1	4	17
	Physiology-II	A30208	2	1	3	
	Kinesiology-II	A30209	2	1	3	
	English-II (Communication Skills)	A30210	3	0	3	
	Islamic Studies / Ethics	A30211	2	0	2	
	Sociology	A30212	2	0	2	

SCHEME OF STUDIES OF DOCTOR OF PHYSICAL THERAPY PROGRAM

2nd Professional Year:

Semester	Courses	CODES	Course Credit Hours			Semester Credit Hours
			Theory	Practical/ Labs	Total	
3	ENGLISH-III (Technical Writing & Presentation Skills)	A40313	2	0	3	17
	MEDICAL PHYSICS	A40314	2	1	3	
	ANATOMY –III	A40315	2	1	3	
	PHYSIOLOGY-III	A40316	2	1	3	
	BIOMECHANICS & ERGONOMICS-I	A40317	3	0	3	
	BIOCHEMISTRY I	A40318	2	0	2	
4	ANATOMY-IV (Neuro Anatomy)	A40419	2	1	3	18
	BIOMECHANICS & ERGONOMICS-II	A40420	2	1	3	
	HEALTH & WELLNESS	A40421	2	0	2	
	BIOCHEMISTRY II	A40422	2	1	3	
	EXERCISE PHYSIOLOGY	A40423	2	1	3	
	MOLECULAR BIOLOGY & GENETICS	A40424	2	0	2	
	SUPERVISED CLINICAL PRACTICE-I	A40425	-	-	2	

3rd Professional Year:

Semester	Courses	CODES	Course Credit Hours			Semester Credit Hours
			Theory	Practical/Labs	Total	
5	PATHOLOGY & MICROBIOLOGY I	A50526	2	0	2	18
	PHARMACOLOGY & THERAPEUTICS I	A50527	2	0	2	
	PHYSICAL AGENTS & ELECTROTHERAPY I	A50528	2	1	3	
	THERAPEUTIC EXERCISES & TECHNIQUES	A50529	2	1	3	
	MUSCULOSKELETAL PHYSICAL THERAPY	A50530	2	1	3	
	MANUAL THERAPY	A50531	2	1	3	
	SUPERVISED CLINICAL PRACTICE II (MSK)	A50532	-	-	2	
6	PATHOLOGY & MICROBIOLOGY II	A50633	2	1	3	17
	PHARMACOLOGY & THERAPEUTICS II	A50634	2	0	2	
	PHYSICAL AGENTS & ELECTROTHERAPY –II	A50635	2	1	3	
	NEUROLOGICAL PHYSICAL THERAPY	A50636	2	1	3	
	PAEDIATRIC PHYSICAL THERAPY	A50637	2	0	2	

	SUPERVISED CLINICAL PRACTICE III (NEURO)	A50638	-	-	4	
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4th Professional Year:

Semester	Courses	CODES	Course Credit Hours			Semester Credit Hours
			Theory	Practical/ Labs.	Total	
7	MEDICINE I	A60739	3	0	3	18
	SURGERY I	A60740	3	0	3	
	RADIOLOGY & DIAGNOSTIC IMAGING	A60741	2	1	3	
	CARDIOPULMONARY PHYSICAL THERAPY	A60742	2	1	3	
	EVIDENCE BASED PRACTICE	A60743	2	1	3	
	SUPERVISED CLINICAL PRACTICE IV (CARDIOPULMONARY)	A60744	-	-	3	
8	MEDICINE II	A60745	3	0	3	18
	SURGERY II	A60746	3	0	3	
	BIOSTATISTICS	A60747	3	0	3	
	INTEGUMENTARY PHYSICAL THERAPY	A60748	2	0	2	
	EMERGENCY PROCEDURES & PRIMARY CARE IN PHYSICAL THERAPY	A60749	2	1	3	
	SUPERVISED CLINICAL PRACTICE V (ICU)	A60750	-	-	4	

5th Professional Year:

Semester	Courses	CODES	Course Credit Hours			Semester Credit Hours
			Theory	Practical/ Labs.	Total	
9	SCIENTIFIC INQUIRY & RESEARCH METHODOLOGY	A70951	2	1	3	18
	PROSTHETICS & ORTHOTICS	A70952	2	0	2	
	CLINICAL DECISION MAKING & DIFFERENTIAL DIAGNOSIS	A70953	3	0	3	
	COMMUNITY MEDICINE AND REHABILITATION	A70954	3	0	3	
	PROFESSIONAL PRACTICE (LAWS , ETHICS & ADMINISTRATION)	A70955	2	0	2	
	OBSTETRICS & GYNAECOLOGICAL PHYSICAL THERAPY	A70956	2	0	2	
	SUPERVISED CLINICAL PRACTICE VI (GYNAE)	A70957	-	-	3	
	BEHAVIORAL SCIENCES (PSYCHOLOGY & ETHICS)	A71058	2	0	2	

10	GERONTOLOGY & GERIATRIC PHYSICAL THERAPY	A71059	2	0	2	16
	SPORTS PHYSICAL THERAPY	A71060	2	0	2	
	SUPERVISED CLINICAL PRACTICE VII (Geriatric)	A71061	-	-	4	
	RESEARCH PROJECT	A71062				6

❖ **Achievements :**

- Successfully completed 7 batches of DPT.
- Three of our DPT students have been selected for the USA semester exchange program.
- Alumni's of DPT have received shared commonwealth scholarship in Teesside University UK, Fulbright scholarship, Annie Marie scholarship and various others around the world for higher studies. Many students have also received HEC merit & minority scholarships for under graduation.
- The first public sector institute to offer paid house job to all successful DPT graduates.

❖ **Future prospects:**

- DPT students may enroll in MS/ MPhil and PhD Physiotherapy in Pakistan or around the world.
- As a DPT graduate job opportunities are open as clinical therapist, demonstrator or lecturer in public or private sector institutes.
- Also DPT graduates can apply to many government jobs BPS cadre.
- Employment opportunity is high around the world. They are entitled to appear for the license board examination in USA, Canada, Australia and England.
- Private practice and domiciliary services (Home visits) can be initiated by DPT Graduates.
- Teaching / research areas are widely open for DPT graduates.

ALUMINI

I am the alumni of the first batch of DPT program by IPMR. After completing my DPT degree and house job provided by IPMR, I was awarded commonwealth scholarship in the United Kingdom for my masters. I am thankful to the teaching faculty of IPMR; now SIPM&R for their efforts and continuous support. We had a very healthy learning environment there, and almost all the classes were interactive. Best part were the practical sessions and the case studies that prepared us for our professional life.



DR. SABA – PT

As a graduate of the DPT first batch, I can certainly attest to the powerful impact this university has had on my professional and personal life. Due in major part to the university's exemplary faculty, IPMR has empowered me to pursue a meaningful career as a Physical Therapist and currently as an Infection risk Practitioner at central valley specialty hospital California. Being a student at IPMR now SIPMR has strengthened me as a therapist, and I am certain that my patient has been strengthened as a result. The message for the future SIPMR students is you can't let others' opinions dictate how you're going to live your life and how you pursue your profession. You just have to go and do it. You have to be assertive, be decisive, be confident in yourself, and know that your decisions are the best.



DR. ABDUL HAMEED – PT

I am 2017 DPT graduate from IPMR now SIPMR. I was selected as Annemarie Schimmel scholar in 2019, and I studied MSc amputation & prosthetic rehabilitation at the University of Southampton. I am currently serving as first contact practitioner for NHS where I see patients on first contact basis. My background as a doctor of physical therapy helped me to train as an injection therapist and non-medical prescriber. I would say that studying medicine, surgery and pharmacology in program would make you a successful multidisciplinary professional besides equipping you with brilliant physiotherapy skills.

I wish the best of luck to all prospective students at SIPM&R.



DR. MIDHAT (PT)

When I came from my small city to Karachi to pursue a Doctor of Physical Therapy degree in IPM&R now SIPMR, I had no idea how this institute would shape my future for good. Whatever I have learned, from academics to extracurricular to skill development, is only due to the motivation I have received from this institute. The education system, clinical placements, and overall support from teachers led me to get an undergraduate exchange program scholarship in the United States and then to pursue a master's under Fulbright in one of the leading universities in the U.S.

After my undergrad, wherever I worked, I delivered and shaped my theoretical knowledge into clinical practice. That is why we owe our successes to IPM&R for giving us those wings to increase the respect for this profession.



**DR. MARYAM MISAL
KHAN PT**

CLINICAL FACILITIES



BS. OCCUPATIONAL THERAPY (BSOT)



MESSAGE BY HOD OCCUPATIONAL THERAPY



MS. SHAHIDDA ZAKIR KHAN
Head of Department
Occupational Therapy

It is my proud privilege to introduce the Department of Occupational Therapy at the Sindh Institute of Physical Medicine & Rehabilitation (SIPM&R).

The Institute was established in 2007 with the department of Occupational Therapy being the very first to dispense its services under the umbrella of SIPM&R.

Over the years, demand and awareness of Rehabilitation, Physical and Psychosocial alike has increased, Occupational Therapy has become the focus to all concerned. What makes Occupational therapy unique is its most important role in the rehabilitation of the psychologically disturbed people along with the physically traumatized people.

Musculoskeletal and Neurological Disorders, Pediatrics, Geriatrics, management of OT services, innovative adaptive devices, community-based rehabilitation, home modification and wheel chair modification are the major evidence based hand on training areas of Occupational Therapy.

Sensory integration, training in ADL and IADL, habilitation and re-habilitation of children, school based education program, restoration of adult physical loss due to any reason and psychological intervention regarding psychiatrically disturbed people are the major challenges taken up by Occupational Therapists.

A continuous process of evaluation of research based Occupational Therapy curricula keeps it updated and equally competitive to meet the international standards of education in Occupational Therapy.

During recent years, more and more students are attracted towards the profession and SIPM&R has taken the lead role to produce quality professionals. The qualified Occupational therapists are not only serving the community nationally but are in great demand in many other countries as well.

SIPM&R welcomes students to enroll themselves in the four year BSOT program to become the finest professionals ready to serve people within the country and abroad.

BACHELOR OF OCCUPATIONAL THERAPY

OVERVIEW:

Sindh Institute of Physical Medicine & Rehabilitation (SIPM&R) was established in 2007 for multi-disciplinary rehabilitation of disabilities. School of Occupational Therapy was established to award Bachelor's degree in Occupational Therapy. The first batch was enrolled in 2007 and passed out in 2011. The Department Of Occupational Therapy is committed to providing an undergraduate education program that produces qualified, ethical entry-level professionals competent to deliver Occupational Therapy services to the disabled community in Pakistan primarily, and abroad. Our mission is to produce graduates who will improve lives of disabled through caring attitudes and respect for dignity of all clients. The department is concerned to develop among students an understanding of health care and education system. Also the department is committed to develop among the students best skills in communication, clinical reasoning, and ethical competence to become good decision makers. Consistent with their communication to lifelong learning, the department provides education with emphasis on leadership and research skills.

PROGRAM OBJECTIVES:

The principal objectives of the Occupational Therapy Program are:

1. To produce well trained, competent, and caring therapists;
2. To develop professional behavior among the students, that is in concert with the Standards and ethics of Occupational Therapy practice;
3. To equip the students to identify and examine performance in areas of occupation (Activities of daily living, Instrumental activities of daily living, education, work, Play, leisure and social participation);
4. To provide knowledge to develop an intervention plan based on clients' assessment, goals setting with priorities and expected outcomes;
5. To make the students able to identify, interpret and use oral, written and Nonverbal communication skills that is effective within diverse situations;
6. To prepare the students to use clinical reasoning and apply research evidence in Client-centered practice;
7. To enhance the skills for participation as proficient member of a group for designing and implementing a beginning- level, practice –related research project; and
8. The commitment to make sure that the health needs of disabled Pakistanis are addressed through health professional partnerships.

PROGRAM OUTCOMES:

On successful completion of this program an Occupational Therapist will be able:

- To understand the general health needs of people in Pakistan;
- To develop professional skills in the area of assessment and treatment of persons with disabilities, and various (physical and psychosocial) conditions;
- To understand the use of dynamic components of activities and how it endeavors to make daily routine activities accessible;
- To practice as Occupational Therapists in order to meet the challenges of changing occupational, health and disability needs within our society and abroad as per need and requirements;
- To understand the restrictions of disabled in their actions and daily living activates
- To identify and examine the occupational profile of the client (occupational history and experiences, patterns of living, interests, values and roles) and the client's occupational performance (performance skills, performance patterns, contexts, activity demands and client factors);
- To use modified devices along with home modification for specific conditions.
- To use accepted standards to guide and account for their actions;
- To practice through rigorous questioning, investigating and validating information;
- To analytically understand published literatures and carry out literature search and critically analyzing the social and cultural usefulness on Pakistan health system; and
- To write a research proposal.

GENERAL INFORMATION:

Course details

- Title: Bachelor of Occupational Therapy.
- Credit hours : 137
- Duration : Four Years (Total 08 semesters)

Eligibility criteria: Candidate must be Intermediate Science, (Pre-Medical) with minimum 60% marks or must have taken an equivalent examination of a recognized college

Number of seats: Maximum 25 seats (Open Merit)

Assessment method: All courses have continuous assessment during the semester that includes quizzes, assignments, and a mid-term and final examination.

COURSE OUTLINE

Semester	Course codes	Course Title	Units				Total Units
			Theory	Lab	Clinical	Research	
Semester 1	B30101	Anatomy-I	2	1			3
	B30102	Physiology-I	3	0			3
	B30103	Psychology-I	2	0			2
	B30104	Sociology-I	2	0			2
	B30105	Introduction To Occupational Therapy	3	0			3
	B30106	English-I	2	0			2
	B30107	Therapeutic Activities & Their Techniques-I/ Computer Skills		2+1			3
		TOTAL					18
Semester 2	B30208	Anatomy-II	2	1			3
	B30209	Physiology-II	3	0			3
	B30210	Psychology-II	2	0			2
	B30211	Sociology-II	2	0			2
	B30212	Approaches to occupational therapy	3	0			3
	B30213	English-II	2	0			2
	B30214	Therapeutic Activities & Their Techniques-II	1	2			3
		TOTAL					18
Semester 3	B40315	Kinesiology in 6 Occupational Therapy Practice	2	1			3
	B40316	Pharmacology	2	0			2
	B40317	Surgical conditions	3	0			3
	B40318	Occupational Therapy in behavioral sciences	3	0			3

	B40319	Occupational Therapy Assessment	1	1			2
	B40320	English-III	2	0			2
	B40321	Therapeutic Activities & Their Techniques-III	1	2			3
		Total					18
Semester 4	B40422	Kinesiology in Occupational Therapy Practice	2	1			3
	B40423	Management in OT services	2	0			2
	B40424	Surgical condition	3	0			3
	B40425	Occupational Therapy in behavioral sciences	3	0			3
	B40426	Occupational Therapy in Physical and Psychosocial Rehabilitation	2	1			3
	B40427	Clinical Practice Field work level -0	2		3		5
		Total					19
Semester 5	B50528	Medical conditions	3	0			3
	B50529	Occupational Therapy – Physical & Psychiatric rehabilitation-I	3	2			5
	B50530	Occupational Therapy in Prosthesis/ orthosis	1	1			2
	B50531	Clinical Practice Field work level 1			5		5
		Total					15
Semester 6	B50632	Occupational Therapy – Physical & Psychiatric Rehabilitation-II	3	2			5
	B50633	OT for Elderly	2	0			2
	B50634	Medical Conditions	3	0			3

	B50635	Clinical Practice Field work level 1	0		5		5
	B50636	Research Methodology	2	0			2
		Total					17
Semester 7	B60737	Clinical Practice Field work level 11	0		12		13
	B60738	Research Project	0			3	3
		Total					16
Semester 8	B60839	Clinical Practice Field work level 11	0		16		16
		Total					16
137							

ACHIEVEMENTS:

Students and faculty members are involved in curricular and extracurricular activities to achieve the goals as:

- Participation in DICE (Distinguish Innovation Collaboration and Entrepreneurship) on regular basis by ADL team.
- ADL team won the special prizes as innovator of adaptive devices and modified gripper in DICE 2016 & 2017.
- Participation of faculty in three year research project (2015-2017) by collaboration with Brunel University of London on, “Role of Occupational Therapy in Inclusive Education” and finally developed a resource guide.
- Collaboration with Jefferson school of health professionals, Philadelphia (in progress) as data collection in relation to sensory integration.
- Development of Cerebral Palsy Resource Centre (CPRC).
- Initial step was taken by ADL team in Pakistan to work on home modification as community based rehabilitation.
- ADL team entrepreneur of adaptive devices, modified grippers and home modification in Pakistan
- Initiated the step to work on Rheumatoid Arthritis education along with provision of devices for the purpose of works simplification.
- Best prize won by student in all Karachi debate competition, 2019.
- 1st National Occupational therapy conference was held in 2018, as a big achievement of the Occupational Therapy Department.
- Best prize won by faculty to present research article in 1st National Occupational Therapy Conference.
- Active role of faculty in national, international publication and conduct workshop and training
- Yearly basis students innovative idea exhibition organize by TAT (Therapeutic activities and their techniques) lab.
- Initial step by Occupational Therapy Department to modify CP chairs and wheelchairs
- Conduct mental health workshop on yearly basis to train the students for psychiatric patients.

FUTURE PROSPECTS:

Occupational Therapists are in great demand and may find work in various places, including but not limited to the following:

- Hospitals
- Special Schools
- Rehabilitation Centers
- Inclusive Educator in Main Stream Schools
- Geriatric Setting
- Day Care set up for the differently able persons.
- Private Practice and domiciliary services
- Housing and Home Modification
- Psychiatric Rehabilitation Settings
- Community Based Rehabilitation
- Home visits

ALUMINI

I graduated from SIPM&R in 2014, with a Gold medal distinction in BS Occupational Therapy. I excelled as an Occupational Therapy student while working in various settings during training. This has helped me to excel as an occupational therapist in future as well. I am grateful to all my teachers and mentors to have always been there for me. It is also my proud privilege to have been a part of such an esteemed institute.



BAKHTAWAR SALEEM

BS –OCCUPATIONAL THERAPY
GRADUATED 2014

I am proud to say that I am an alumni of Department of Occupational Therapy SIPM&R. Our faculty was supportive and has helped me to sharpen my clinical and interpersonal skills. The clinics (Sensory unit, ADL, Pediatric and adult) provided extensive training and opportunities which have helped me to work nationally and internationally as a successful Occupational therapist. I am very much grateful to the INSTITUTE to have provided me the best opportunities to excel and succeed in my career."



SYEDA JAWARIA

BS –OCCUPATIONAL THERAPY
BATCH 2007_2011

CLINICAL FACILITIES



BS PROSTHETICS & ORTHOTICS (BSP&O)



MESSAGE BY HOD PROSTHETICS & ORTHOTICS



KAMRAN YOUSUF SIDDIQUI

Head of Department
Prosthetics and Orthotics

The Department of Prosthetics and Orthotics has recorded consistent improvement in its academic, research and placement performance. It offers a range of innovatively designed programs whose curricula are constantly updated to meet the changing requirement of the industry and other stakeholders.

We believe that our students have been well accepted in their job profiles and have consistently exceeded expectations of the corporate world.

During study at the department, students are encouraged to get hands-on experience in the corporate world through internship projects with reputed organizations. In their curriculum, they are encouraged to take up mini projects to supplement theoretical knowledge with practical experience. These projects enable them to understand the relevance of working in a group and also help them to realize the finer aspects and importance of teamwork.

With all these inputs, one finds our students hardworking, practical-oriented and effective in any work environment. We have designed our syllabus to strike a balance between professional knowledge and personal skills. We are confident that our current curriculum has enabled the overall development of budding managers to come up with the expectations of the corporate world.

The curriculum is taught by distinguished faculty combining academic excellence and real-world experience with dedication and commitment.

We are encouraged to see many industries coming back to our department, which reinforces our belief in the effectiveness of our curriculum and its suitability to meet the dynamic corporate world.

With this brief introduction, I welcome you to be a part of our journey towards being a world-class center of excellence in education, training, and research.

BS PROSTHETICS & ORTHOTICS

Overview:

The Department of Prosthetics and Orthotics was established under the umbrella of SIPM&R at the same time. School of Prosthetics & Orthotics was established for the first time in Sindh for Bachelor's degree in Prosthetics and orthotics. The first batch was enrolled in 2008 and graduated in 2012. Our faculty is made up of expert clinicians with advanced degrees who are committed to advancing the profession of prosthetics and orthotics and mentoring those who will become the new professionals of tomorrow. Additionally, our smaller classes allow the faculty to devote more attention to students, getting to know you personally and understand your career goals. Graduates from the Department of Prosthetics and Orthotics are a valuable part of our alumni. They are working on exploring the world of P&O in Pakistan as well as abroad.

Introduction to prosthetics & orthotics: Prosthetics are artificial limbs (protheses) to enhance the function and lifestyle of persons with limb loss. The prosthesis must be a unique combination of appropriate materials, alignment, design, and construction to match the functional needs of the individual.



Orthotics is made with precision and creativity; they are designed and fabricated external braces (orthoses) as a part of a patient's treatment process that are used to stabilize or unload joints, normalize motion and stresses on tissue, substitute for muscle weakness or paralysis. Orthoses can be applied to the head, neck, trunk or limbs. New design innovations and advances in technology offer dramatic benefits to people who use prostheses or orthoses. For example, advanced prosthetic knees can be controlled by microprocessors that improve gait stability and walking pattern efficiency. Orthoses equipped with Bluetooth devices can electronically interface with nerves to enhance motor control.

OBJECTIVES OF PROSTHETICS & ORTHOTICS PROGRAM:

The principal objectives of the Prosthetics & Orthotics Program are:

- To produce well trained and caring P & O (Prosthetist & Orthotist).
- To develop among the students, professional behavior that is in concern with the standards and ethics of Prosthetics & Orthotics practice.
- To provide knowledge to the students to develop an intervention plan based on:
 - a) Patients' assessment
 - b) Patients' goals and priorities
 - c) Patients' discharge needs
 - d) Expected outcomes
- To make the students able to identify, interpret and use oral, written and nonverbal communication skills that are effective within diverse situations.
- To prepare the students to use clinical reasoning and research evidence in client-centered practice and to make the students able to read and understand current research that effects the practice and provision of Prosthetics & Orthotic services.
- To enhance the skills in students necessary to participate with a group in designing and implementing a beginning-level, practice – related research project.
- The commitment to ensuring that the health needs of disabled Pakistanis are addressed through professionals partnerships.

PROGRAM OUTCOMES:

On successful completion of this program, Prosthetics and Orthotics graduates will be able to:

- Perform comprehensive patient evaluation, including history-taking, physical exam, biomechanical analysis, and outcome measures;
- Determine the design and appropriateness of orthotic and prosthetic intervention based on a patient-centered approach to decision-making;
- Show competence in the implementation and follow-up of the designed intervention while demonstrating safe practice of self and others;
- Document orthotic and prosthetic treatment encounters and communication with healthcare providers in compliance with ethical, state, and federal guidelines;
- Communicate with patient, family members and healthcare providers in a way which provides clear education and professional description of patient status, treatment recommendations, and patient goals;
- Critically assess peer-reviewed evidence, understand the complexities of the research process, and align empirical evidence with treatment decisions;
- Demonstrate an ability to navigate the modern healthcare system, including medical records, third party payers, and healthcare teams;
- Articulate compassion and empathy for patients, regardless of condition, race, ethnicity, cultural background, or any other demographic.

GENERAL INFORMATION:

Course Details:

- Title of Degree program: BS in Prosthetics and Orthotics
- Duration: Four years (08 Semesters)
- Total Credit Hours: 134 Credit Hours

Eligibility Criteria:

Candidate must be intermediate science, Pre-Medical or / Pre-Engineering group (Biology/Mathematics, Physics, and Chemistry) with minimum 50% marks or must have taken an equivalent examination of a recognized college

Number of seats: Maximum 15 seats

Assessment method: All courses have their continuous assessment during the semester that includes quiz, assignments, mid-term examination, and a final examination.

Accreditations

The Curriculum is recognized by HEC. Revised & Approved by Physical Rehabilitation Training Coordinator, International Committee of the Red Cross (ICRC).

COURSE OUTLINE

Semesters	Course Title	Units				Total Units
		Theory	Lab	Clinical	Research	
Semester 1	Anatomy I	2				2
	Workshop technology I	2				2
	Mathematics I	2				2
	Mechanics I	2				2
	Material Technology I	2				2
	Prosthetics & Orthotics I	1	3			4
	Physiology	2				2
	Biomechanics I	2				2
Semester 2						
	Anatomy II	2				2
	Mathematics II	2				2
	Mechanics II	2				2
	Material Technology II	2				2
	Workshop Technology II	2				2
	Prosthetics & Orthotics II	1	3			4
	Biomechanics II	2				2
	Pro-Engineering I	2				2
Semester 3						
	Prosthetics & Orthotics III	1	7			8
	Biomechanics III	2				2
	Pro-Engineering II		2			2
	Electro-Technology	2				2
	Pathology I	2				2

	Functional Anatomy I	2				2
Semester 4						
	Prosthetics & Orthotics IV	1	7			8
	Functional Anatomy II	2				2
	Workshop Management	2				2
	Bio-mechanics IV	2				2
	Pathology II	2				2

ACHIEVEMENTS

- Successfully graduated 10 batches of P&O.
- In very short span of time, Department of Prosthetics & Orthotics, has delivered more than 13,000 artificial limbs and supportive appliances mostly free of cost.
- Our graduates have been selected for jobs in different rehabilitation clinics of different countries.
- Many students have acquired HEC merit and/or minority scholarships for under graduation.
- In January 2021, our students and staff arranged awareness sessions regarding orthoses and prostheses in D.J. Sindh Government Science College.
- Community Based Rehabilitation program in Badin was conducted in collaboration with Sindh Government to provide ninety limbs to limbless people in August 2020.
- Orthosis and Assistive Devices varieties were presented in National List of Most Priority Assistive Product for person with Disabilities in February 2019 conducted at Pakistan Bait-ul-Mal.
- To create more understanding about the latest conservative treatment for scoliosis, workshop has been arranged describing Prescription Principle of Charleston Bending Brace in sixth International Physical Medicine and Rehabilitation Conference 2019.
- In 2019, by using the platform of S.I.P.M&R, Department of Prosthetics and Orthotics, delivered forty-three limbs to the amputee in a camp arranged by orthopedic department Shaheed Motorman Benazir Bhutto Medical University.
- Community Based Rehabilitation program in Larkana was conducted in collaboration with Sindh Government to provide thirty limbs to limbless people in January 2019.
- One of our Faculty Members presented about Cheneau Brace in International Conference held at Indus Icon, Karachi in 2018.

- Soft Insole Orthotic Project was presented in 1st Academia Industry Linkage on May 2018.
- Therapeutic Ball Project was presented in 4th All Pakistan Dice Health Exhibition on October 15th 2018.
- Poster Presentation of Research Article was presented in February 2017 in Research Competition held by Dow University of Health Sciences.
- Two Faculty members attended ISPO World Congress, Cape Town, South Africa in 2017.
- Low Cost Diabetic Insole project was presented in 3rd All Pakistan Dice Health Innovation Exhibition 22nd & 23rd December 2017.
- In 2016, our faculty member attend 16th World Congress conducted by ISPO in Germany.

FUTURE PROSPECTS:

- Prosthetist and Orthotist work largely with health care professionals like orthopedicians, neurologists, and spinal surgeons, multinational companies, rehabilitation centres, hospitals and academic institutions. They can also set up their private practice, work as service and training providers as well as in a research team.

Job Opportunities

- Hospitals
- Allied Health Sciences Institutes and Universities
- Non-Profit Organizations/NGOs
- Public and Private Sectors

ALUMINI

Prosthetics and orthotics has a very bright future. The most fulfilling aspect of this profession is that it is a part of rehabilitation of an individual who has suffered from an appalling condition and you are the one who helps him/her to redeem his self-esteem and return to his normal life. Now working as Prosthetist and Orthotist, King Faisal Specialist Hospital and Research Center Riyadh, Saudi Arabia



IMRAN SADIQ

"The faculty clearly demonstrates the program's mission every day. They teach us to treat every patient with compassion and that comes through in all encounters." Centre Manager Rehabilitation. The Indus Hospital, Karachi



M. UMAIR SHARIF

SIPMR taught me to be very confident while applying for jobs. My first job at CHAL foundation was a big start to my career. I started working as Prosthetist and Orthotist and till now I'm doing different Prosthetic as well as Orthotic cases.. Prosthetics and Orthotics is a field with high scopes but only when the person is hard working and always willing to learn as the field is improving every day so one will have to increase knowledge accordingly. After graduation one can be a teacher, a Prosthetist or an Orthotist, start a private setup or work as an employee but the key rule is to work hard and prove yourself.



Areej Asif

I feel immense pleasure that I have been a part Of Institute of Physical And Medicine Rehabilitation center and completed my graduation from there. It is an institution where I learned to implement my hands on skills with the use of Latest Technology to fabricate devices for patient. Working at Indus Hospital and Health Network since last Four years as a Ortho-Prosthetist, I realized field of Prosthetic and Orthotics has been evolving and globally on demand due to emergence of chronic illnesses, traumatic events and natural disasters. I feel proud being an Ortho-Prosthetist because it helps in giving a new life to the most neglected people of our society.



Mehwish Zakir

CLINICAL FACILITIES



BS AUDIOLOGY & SPEECH LANGUAGE THERAPY





AMBER RAHMAN HASSAN

Department of Speech Language Pathology and Audiology (SLP&A)

Sindh Institute of Physical Medicine and Rehabilitation
MS, CCC-SLP

Masters in Communication Disorders from Arizona State University
American Board Certified SLP with vast experience in clinical practice and management.
Ex highly specialist Speech Language Pathologist in States and Saudi Arabia.

On behalf of all our Staff, I welcome you to the Department of Speech Language Pathology and Audiology (SLP&A) at the Sindh Institute of Physical and Medicine Rehabilitation (SIPM&R). I firmly believe that the strength of any entity lies with the quality of its people, and in this area we truly shine. We have a team of highly skilled, dedicated and trained professionals that represent the vast diversity of the field. Because of this and our commitment to the people, we serve, we will transcend any challenges.

I would like to thank the Sindh Government in taking the initiative of establishing this facility where all rehab services are provided under one roof at very low cost, hence opening the opportunity for the masses, wherein these services were affordable to only few in the past.

Keeping this vision in mind, we plan to provide services at par with the international standards without any discrimination to race, age, religion and socioeconomic status.

Our soon to be launched Early Intervention program aspires to enroll At Risk Children from the very beginning with the philosophy of “no child left behind” and “prevention before treatment”.

We are also looking forward to starting instrumental procedures and assessments and treatments in our near future again at very affordable prices. (Modified barium Swallow Study & Fiber optic Endoscopic Evaluation of Swallow)

In executing all our endeavors and standardizing the excellent care, a need for very well trained future Speech Language Pathologists and audiologists was not overlooked; therefore a strong academic program has been launched.

We are proud to announce that from the platform of the SIPM&R a world class undergraduate program in Audiology and Speech Language Therapy has started from this year.

We also plan to continue to raise the awareness in the masses so they can seek help as soon as possible for the best possible outcomes.

In short, I am pleased with where our department stands today, excited about where we are heading and optimistic about what our future holds. I am certain that as a team we will go the extra mile to uphold the standards of the SIPM&R and have global recognition as leaders in sustaining excellence and advancement of the Pakistani SLPs and Audiologist.

Overview of the Bachelors of Audiology and Speech Language Therapy (BS-ASLT):

We are proud to announce that for the first time SIPM&R has introduced an undergraduate program in Audiology and Speech Language Therapy. As the number of differently abled people, as well as, acquired language, swallowing and hearing issues are increasing it is the dire need of the hour to increase the services also to meet the demand. For optimum services we need highly qualified and well trained professionals. Our 4 year undergraduate program aims to build a solid base for future clinicians and researchers for best and evidence based practices.

We are looking forward to provide 4 years of intensive and interactive course work with hands on practicums in par with international standards. In addition, mandatory externships in the last year will further prepare our students to confidently enter their professional lives and their clients will be better served because of it.

Program Objectives:

The **Audiology & Speech-Language Therapy** undergraduate program provides explicit background in the theoretical and clinical areas necessary for graduate study. Students will learn foundational knowledge for understanding human speech, language, swallowing, hearing, and balance processes, with a particular eye toward the implications of differences and disruptions in the communication systems associated with disorders. Although students across any of the concentrations can pursue the graduate study and pre-certification requirements associated with becoming an audiologist or speech-language pathologist, the Speech-Language Pathology concentration is the one most directly associated with opportunities for clinical practice in speech-language pathology and audiology.

Students learning goals and objectives:

- Students will learn the concepts, theories, and findings pertaining to human communication in preparation for graduate study in speech-language pathology or audiology.
- Demonstrate knowledge of the general principles of prevention, assessment, and intervention of speech, language, swallowing, and hearing disorders, including consideration of anatomical, physiological, psychological, developmental, linguistic and cultural correlates across the life span
- Describe and explicate basic human communication processes including anatomy, physiology, and neurobiology of speech, language, swallowing, and hearing.
- Use and analyze data from a wide range of physiologic, behavioral, and neurophysiological methods to describe speech, language, swallowing, and hearing disorders across the life span.
- Explain how individual, cultural, and linguistic differences contribute to our understanding of language and communication.
- Apply critical thinking and problem-solving skills and their role in evidence-based practice to issues in speech, language, swallowing, and hearing disorders.
- Demonstrate knowledge of professionalism and ethical standards as they apply in working with people with speech, language, swallowing, and hearing disorders.

Program Outcomes:

Upon successful completion of the program, students will be able to:

1. Demonstrate entry-level competence necessary to practice Audiology or Speech independently in any healthcare system or school or other diverse work places.
2. Demonstrate knowledge of basic human communication, hearing, and swallowing processes, including the appropriate biological, neurological, acoustic, psychological, developmental, and linguistic and cultural bases.
3. Differentiate normal and abnormal human development across the lifespan:
 - a) Apply knowledge of anatomy and physiology to communication and swallowing processes.
 - b) Analyze a speech and language sample including acoustic, phonetic, phonological, morphological, syntactic, semantic, and pragmatic qualities from diverse populations across the lifespan.
4. Incorporate concepts of communication, hearing, and swallowing functions to communicate information regarding development, differences, and/or disorders, in oral and written form.
5. Evaluate client/patient data to produce oral and written technical reports, diagnostic and treatment plans, and professional correspondence.
6. Apply evidence-based research to support decision-making.
7. Describe the importance of ethical conduct and professional attitudes when communicating and collaborating with professionals across health and human service disciplines. Critically analyze conduct for ethical and professional behaviors for successful team relationships.

GENERAL INFORMATION:

Course details:

Title:	Bachelors of Science in Audiology and Speech Language Therapy
Credit Hours:	136
Duration:	4 years

Eligibility criteria

Inter-science and/or “A” levels with biology with at least 60 % marks or have taken an equivalent examination of a recognized college along with an entry test and interview (Weightage: 10% Matric, 30% Intermediate, 40% Entrance test and 20% Interview)

No. of Seats Maximum 25 (open merit)

Assessment Method Assessment would be continuous throughout the semester via quizzes, written or oral assignments, projects, mid-term examination and final examination.

FUTURE PROSPECTS:

Even at bachelor’s level, the successful graduates of a well-rounded program like ours are in high demand both nationally and internationally in different settings. As Speech-language pathologists and Audiologists provide services in a wide variety of settings job opportunities are numerous and diversified. They may include but are not exclusive to

- Public and private schools with resource classrooms and/ or inclusion system
- Early intervention settings, preschools, and day care centers
- Health care settings (e.g., hospitals, medical rehabilitation facilities, long-term care facilities, home health agencies, clinics, neonatal intensive care units, behavioral/mental health facilities)
- Private practice settings;
- Universities and university clinics
- Individuals' homes and community residences
- Supported and competitive employment settings
- Community, provincial and federal agencies and institutions
- Correctional institutions
- Research facilities
- Corporate and industrial settings

COURSE OUTLINE

	COURSE TITLE	CREDIT HRS
YEAR 1	SEMESTER 1	
1.	Overview of Human Anatomy & Physiology	2+1
2.	Information Technology	2
3.	Anatomy and Physiology for SLP & A(Part 1)	2 + 1
4.	Typical Development of Language	2 + 1
5.	Introduction to Speech-language Pathology & Audiology	2 + 2
6.	English Language	3 18
	SEMESTER 2	
7.	Neurosciences	3
8.	Psychoacoustics & Hearing Sciences	3
9.	Anatomy and Physiology For SLP & A (Part II)	2 + 1
10.	Phonetics	3
11.	Linguistics	3
12.	Pakistan Studies/ Sociology	2 17
YEAR 2	Semester 3	
13.	Articulation and Phonology	3
14.	Statistics	2
15.	Clinical Audiology	3 + 1
16.	Clinical Practicum I (Observations)	3
17.	Language Disorders 1	3
18.	Clinical Psychology	3 18
	Semester 4	
19.	Fluency Disorder & RET	3
20.	Multicultural Impact & Bilingualism	3
21.	Research Methods (Journal Club)	3
22.	Clinical Practicum II (Basic Clinical Skills)	3
23.	Clinical Professional Knowledge	2 + 2
24.	Islamiyat	2 18
YEAR 3	Semester 5	
25.	Neurogenic Communication Disorders	3
26.	Dysphagia	3
27.	Aural Rehabilitation	3+1
28.	Autism Spectrum Disorders	2
29.	Behavior Modification	2
30.	Clinical Practicum III (Hands-on)	3 17
	Semester 6	
31.	Language Disorder 11	3
32.	Augmentative and Alternative Communication	3

33.	Motor Speech Disorder	3	
34.	Voice Disorders	3	
35.	Clinical Practicum IV	3	
36.	Application & Medical Audiology	3	18
YEAR 4	Semester 7		
37.	Medical Speech Language Pathology	3	
38.	Learning Disabilities	3	
39.	Counseling + Medical Ethics	2	
40.	Tele-Practice	1	
41.	External Placement (A&SLP)	6	15
	Semester 8		
42.	Cognitive Rehabilitation	3	
43.	Research Project	3	
44.	Sign Language	1+2	
45.	External Placement (A&SLP)	6	15
	Total Credits		136

CLINICAL FACILITIES



RULES & REGULATIONS RELATING TO DISCIPLINE, CONDUCT, SUSPENSION AND ATTENDANCE FOR THE STUDENTS OF THE INSTITUTE

STUDENT'S CONDUCT RULES:

Applicable to the students of the institute:

- No students or group of students shall form society / association / organization.
- No outsider will be invited by the students to address any meeting at the Institute, 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.
- 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 Institute be they academic, social, religious or political are also not allowed.
- 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 Institute.
- Smoking, pan chowing, littering, spitting and other activities, prejudicial to the conduct are prohibited in the classroom, laboratories, seminars / tutorial rooms, library during and after institute hours and postings.
- Misbehavior with faculty members and others staff members of the institute by the students is completely prohibited. Such misdemeanors would attract penalties as severe as expulsion and rustications.
- Willful, damage to either public or personal property in the institute by a student or a group of students is completely prohibited. Such misdemeanors would attract penalties as severe as expulsion and rustications.
- Use of loud speakers / amplifiers, mega phones is prohibited in the premises of the institute.
- No student will be allowed to park his/her vehicle inside the premises of the institute unless specifically allowed by the competent authority.
- Keep mobile phones SWITCHED OFF during class. Students will be penalized (including Dismissal from class) if their phone rings/beeps during any lecture, or if a student is found reading/responding to text messages etc., the mobile phone will be confiscated and sent to Administration for necessary action.

DRESS CODE:

- Students are expected to be well groomed and well-dressed in decent clothes; shorts and Bermuda's are not allowed.
- Acceptable footwear excludes flip-flops and slippers (chappals).

SUSPENSION POLICY:

A student may be suspended for up to six months if he / she commit (s) any of the following act (s):-

- Misbehaves or quarrels with any teacher or member of the staff.
- Is generally disobedient.
- Spreads false rumors.
- Uses indecent or filthy language.
- Incites other students to violence.
- Is inappropriately dressed.
- Shouts, abuses, quarrels or fight with fellow students.
- Raises slogans to hurt others, politically or religiously.
- Interferes with the administration, including the mode or schedule of the examination.
- Indulge in any kind of political activity including displaying posters or placards within the institute.
- Remains absent continuously for more than four weeks without prior permission.

ATTENDANCE:

Students having attendance less than **75%** will not be allowed to appear in the examination.

ADMISSION PROCESS

- Advertisement for New Admissions
- Date for Submitting Admissions Application
- Entry Test
- Interview for BS-ASLT
- Display of Initial Merit List
- Inviting Objections to Initial Merit List
- Interviews & Submission of Pay Order for Final Allocation of Seat
- Display of Merit List
- Fee Submission
- Admission Confirmation

NO. OF SEATS IN EACH PROGRAM

DOCTOR OF PHYSICAL THERAPY

- 75 seats.

BS IN OCCUPATIONAL THERAPY

- 25 seats

BS IN PROSTHETIC AND ORTHOTICS

- 15

BS IN AUDIOLOGY & SPEECH LANGUAGE THERAPY

- 25

FEE STRUCTURE DETAILS

FEE STRUCTURE DETAILS (excluding Transport)

Doctor of Physical Therapy (DPT)
BS in Occupational Therapy (BSOT),
BS in Prosthetics & Orthotics (BSP&O) and
BS in Audiology and Speech Language Therapy (BS-ASLT)

S. No	PROGRAMS	FEE STRUCTURE			
		Admission Fee (Non-Refundable)	Tuition Fees Per Year (Open Merit)	Fees to be paid at the time of Admissions	Tuition fees per year (Self-Finance)
1	DPT (Doctor of Physical Therapy)	Rs. 50,000/-	Rs. 132,000/-	Rs. 182,000/-	Rs. 270,000/-
2	BSOT (BS in Occupational Therapy)	Rs. 45,000/-	Rs. 129,647/-	Rs. 174,647/-	NIL
3	BSP&O (BS in Prosthetics & Orthotics)	Rs. 45,000/-	Rs. 129,647/-	Rs. 174,647/-	NIL
4	BS-ASLT (BS in Audiology and Speech Language Therapy)	Rs. 45,000/-	Rs. 129,647/-	Rs. 174,647/-	NIL

NOTE: Above amounts are excluding govt. taxes. Taxes apply as per FBR rules

RULES FOR THE PAYMENT / REFUND OF FEE

- Pay order for two semester's tuition fee (of the respective category) will have to be paid within one week after the start of 3rd, 5th, 7th, and 9th Semesters.
- a) In case the fee is not submitted during the given specified time late payment charges will be applied as follows:
 - ❖ First Month (after lapse of first week)..... 2.5 % of Tuition fee
 - ❖ Second Month..... 5.0 % of Tuition fee
 - ❖ Third Month..... 7.5 % of Tuition fee
 - ❖ Fourth Month.....10.0 % of Tuition fee
- b) Full (100%) Fee Refund (Up to 7th day of commencement of classes)
 - ❖ Half (50%) Fee Refund (From 8th – 15th day of commencement of classes)
 - ❖ No Fee (0%) Fee Refund (From 16th day of commencement of classes).
 - ❖ Percentage of fee shall be applicable on all components of fee, except for security and admission charges.
 - ❖ Timeline shall be calculated continuously covering both weekdays and weekend.

- c) Fee of all categories can increase by 10% every year.
- d) Penalty on admission cancellation / withdraw will be as per SIPM&R admission rules and regulation.
- e) After four months of non-payment the seat is liable to be cancelled and student will not be allowed to attend any class or appear in the examination.
- f) The revised tuition fee and late payment charges will be applicable to all the existing students and newly admitted students.
- g) Fee is subject to revision by the Institute at any time during the course of study, due to unavoidable circumstances.

EXAMINATION RULES

EXAMINATIONS:

All examinations are **Computer Based** and is conducted and monitored by the Examination Department of The Sindh Institute of Physical Medicine and Rehabilitation.

MIDTERM EXAMINATION:

Examination consisting of MCQs based theory examination is conducted in the mid of the semester and is termed as Mid Term Examination.

TERMINAL EXAMINATION:

Terminal examination will be conducted at the end of the semester..

ASSESSMENT SCHEME

For Practical Courses:

70% terminal:

(50% MCQs+ 20% Practical Exam/OSCE/OSPE)

30% Internal Evaluation:

(15% Midterm (MCQs) + 15% Test/Quiz/Assignment/Presentation)

For non-practical courses:

70% terminal:

(50% MCQs+ 20% SAQs)

30% Internal Evaluation:

(15% Midterm (MCQs) + 15% Test/Quiz/Assignment/Presentation)

GPA SYSTEM:

The grade point average (GPA) will be worked out by awarding letter grades on a scale of 4.

Letter grades in all courses/ subjects will be awarded on total absolute marks as per following distributions:

Percentage	GPA	Grade
80– 100	4.0	A+
75 – 79	4.0	A
70 – 74	3.7	A-
67 – 69	3.3	B+
63 – 66	3.0	B
60 – 62	2.7	B-
56 – 59	2.3	C+
50 – 55	2.0	C
0 – 49	0.0	U(F)
Absent	0.0	Abs

QUALITY ENHANCEMENT CELL (QEC)



**DR. SYED IMRAN
AHMED**
Director
Quality Enhancement Cell
(QEC)

TEAM MEMBERS

MR. TAUSEEF AKHLAQ
Assistant Director

**MR. SAAD HAMID
USMANI**
Quality Assurance officer

MESSAGE BY DIRECTOR QEC

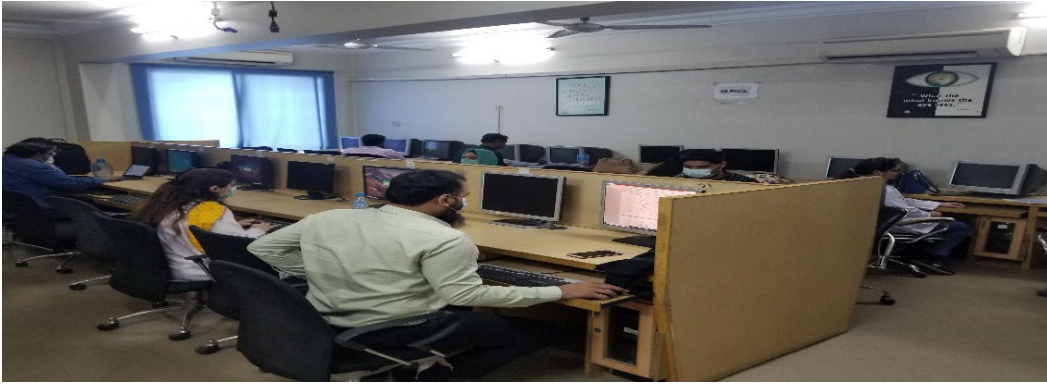
Sindh Institute of Physical Medicine and Rehabilitation has been striving to enhance and maintain the highest standard of quality in education and health since 2007. It is the first teaching and clinical civilian institute providing multidisciplinary rehabilitation services to approximately 200,000 patients yearly.

The institute is making its all-out efforts to boost its standards through teaching excellence and quality clinical and research. Our endeavors are to make our students useful to society in particular and to people in general. SIPM&R strives and ensure in building a strong frame work to develop, implement, monitor, asses and report on measures to enhance the quality of education according to the criteria of Higher Education Commission of Pakistan. We took the responsibility to give value added education to secure our students' future, institute's good-will welfare of our society.

The institution will propel through effective implementation of Quality management system and its continual improvement, review and development of infrastructure, capacity building inculcating efficient and advance academic system and will meet the expectations of society prosperous as standard institution

LIFE AT SIPM&R

Digital Library



Reading Library



Anatomy Lab



Extra-Curricular Activities



Seminars, International & National Conferences, Workshops



Community Awareness



Community Rehabilitation



Souvenir Shop



CAFETERIA



LIST OF FACULTY

Sr.#	Employee's Name	Designation
1	Prof. Dr. Nabila Najam Soomro	Executive Director
2	Dr. Syed Imran Ahmed	Assistant Professor / Additional Executive Director
3	Dr. Saeed Akhter (PT)	Assistant Professor
4	Dr. Kashmala Khan (PT)	Assistant Professor
5	Dr. Rabail Rani Soomro (PT)	Assistant Professor/Additional Director Admissions
6	Dr. Ambreen Asghar (PT)	Assistant Professor/Additional Controller Examination
7	Dr. Dilshad Farheen Hasnain (PT)	Assistant Professor
8	Dr. Binish Adeel (PT)	Assistant Professor
9	Dr. Madiha Latif	Assistant Professor
10	Ms. Reeta	Sr. Lecturer
11	Mr. Iram Iqbal Shamsi	Sr. Lecturer
12	Mr. Wakash Lal	Sr. Lecturer
13	Mr. Fazil Azeem	Sr. Lecturer
14	Ms. Saima M. Urs	Sr. Lecturer
15	Mr. Umair Nawaz	Sr. Lecturer
16	Mr. Irfan Ali Bozdar	Sr. Lecturer
17	Mr. Farkhanda Imdad	Sr. Lecturer
18	Ms. Farzana Ashfaq	Sr. Lecturer
19	Ms. Nighat Tahir	Sr. Lecturer
20	Ms. Sumaira Naz	Sr. Lecturer
21	Ms. Asma Khalid	Sr. Lecturer
22	Ms. Bushra Khan	Sr. Lecturer
23	Ms. Shahla Rafique	Sr. Lecturer

24	Ms. Rizwana Waheed	Sr. Lecturer
25	Ms. Huma Ahmed	Sr. Lecturer
26	Ms. Marryam Akhtar	Sr. Lecturer
27	Mr. Kamran Yousuf Siddiqui	Manager / Sr. Lecturer
28	Mr. S. M. Mehboob Alam	Lecturer
29	Mr. Fawad Hafeez Qazi	Lecturer
30	Mr. Muhammad Rehan Mudassir	Lecturer
31	Dr. Aniq Saleem	Lecturer
32	Dr. Misbah Batool	Lecturer
33	Dr. Nusrat Zaidi	Lecturer
34	Ms. Shankar Lal	Lecturer
35	Ms. Syed Ibne Hasan	Lecturer
36	Ms. Bilqees Jafri	Lecturer
37	Ms. Areeba	Lecturer
38	Ms. Shereen	Lecturer
39	Ms. Poonam Anil	Lecturer
40	Ms. Noor-us-Saba	Lecturer
41	Ms. Mehvish Iqbal	Lecturer
42	Ms. Amna Sheraz	Lecturer
43	Mr. Faizan Jameel	Lecturer
44	Mr. Ahmed Waqas	Lecturer/Director Q-bank
45	Ms. Marium Anwar	Lecturer
46	Mr. Ahmed Khan Pirzada	Lecturer
47	Mr. Abdul Mannan	Lecturer
48	Ms. Lubna Batool	Lecturer
49	Ms. Shahida Parveen	Lecturer
50	Ms. Soonhan Rani	Lecturer
51	Mr. Rao Muhammad Usman	Lecturer

52	Mr. Muhammad Abbas	Lecturer
53	Mr. Muhammad Waseem Khan	Lecturer
54	Mr. Mansoor Ahmed	Lecturer
55	Mr. Abdullah Cheepa	Lecturer
56	Mr. Jan Ali Soomro	Lecturer
57	Mr. Faseehullah Khan	Lecturer
58	Ms. Maria Lucky	Lecturer
59	Amber Rehman Hassan	Sr. Speech Language Therapist
60	Sharmeen Azam	Audiologist
61	Zahida Hussain	Speech Therapist
62	Saba Qaiser	Speech Therapist
63	Misbah Qadeer	Speech Therapist
64	Nisha Khawaja	Speech Therapist
65	Tooba Hussain	Speech Therapist
66	Yasmin Nighat	Speech Therapist
67	Sobia Ashfaq	Speech Therapist
68	Maroof Khan	Speech Therapist
69	Asma Agha	Speech Therapist

DAILY EXPRESS, KARACHI - FRIDAY, JANUARY 8, 2016

ایکسپریس CITY

دماغی و نفسیاتی امراض کے مریضوں میں کی تعداد بڑھنے لگی

علاج کی سہولت میسر نہ ہونے سے مریض مکمل طور پر معذور ہو جاتے ہیں، ماہرین طب

دوسری قومی 2 روزہ نیورودری سیمینیشن کانفرنس 9 جنوری سے شروع ہوگی

کراچی (اسٹاف رپورٹر) پاکستان سوسائٹی آف نیورالوجی اور پاکستان سوسائٹی آف نیورودری سیمینیشن کے زیر اہتمام دوسری قومی 2 روزہ نیورودری سیمینیشن کانفرنس ڈاکٹر یونیورسٹی آف ہیلتھ سائنسز کے آرگنائزنگ کمیٹی میں منعقد ہوئی جس کا افتتاح 9 جنوری کو صبح 9 بجے صوبائی وزیر صحت جام مہتاب ڈھکر کریں گے کانفرنس میں سائنٹیفک سیشن کے علاوہ ڈاکٹروں کے لیے ترقیاتی ورکشاپ بھی منعقد کی جائیں گی کانفرنس کا مقصد نیورودری سیمینیشن کے بارے میں شعور اجاگر کرنا ہے، پریس کانفرنس سے خطاب کرتے ہوئے پاکستان سوسائٹی آف نیورالوجی کے صدر پروفیسر واجد محمد شاہ نے پاکستان سوسائٹی آف نیورودری سیمینیشن کی صدر ڈاکٹر نیلہ سومرو، پاکستان اسٹروک سوسائٹی کے جنرل سیکریٹری ڈاکٹر عبدالملک اور ری سیمینیشن کے ماہر ڈاکٹر عمران نے

اصحابی بیماریاں، معاشی اور معاشرتی مسائل کے سبب پاکستان میں معذوری بڑھتی جا رہی ہے جبکہ سب سے زیادہ متاثر ہو رہے ہیں، پاکستان میں معذور افراد کی تعداد 130 لاکھ ہے، ماہرین کا کہنا ہے کہ پاکستان میں صرف 15 لاکھ کی سہولت موجود ہے، باقی 115 لاکھ ہیں، اور دنیا بھر کی طرح پاکستان میں بھی دماغی اور نفسیاتی امراض کے مریضوں میں اضافہ ہو رہا ہے، علاج اور معاشی کی سہولت نہ ہونے کے سبب ان امراض کا شکار افراد بھر کے لیے معذور ہو جاتے ہیں، پاکستان میں 5.03 فیصد معذوری کا شکار ہیں اور ان میں سالانہ 2.65 فیصد اضافہ ہو رہا ہے، شہری علاقوں میں معذور افراد کی تعداد 65 فیصد اور دیہاتی علاقوں میں 34 فیصد ہے۔



معاشرہ خصوصی افراد کو لازمی حصے کے طور پر قبول کرے، قاسم نوید

بھائی کیلئے اپنی ذمہ داریاں نبھانے، خصوصی توجہ دینے کی ضرورت ہے، معاون خصوصی

کراچی (اسٹاف رپورٹر) وزیر اعلیٰ سندھ کے معاون خصوصی برائے محکمہ بھائی خصوصی افراد سید قاسم نوید نے کہا ہے کہ خصوصی افراد پر خصوصی توجہ دینے کی ضرورت ہے۔ یہ بات انہوں نے جمعرات کے روز انشٹیٹیوٹ آف فزیکل میڈیسن اینڈ ریلی ٹیبلٹی ٹریننگ ڈاکٹر یونیورسٹی آف ہیلتھ سائنسز میں چھٹی بین الاقوامی کانفرنس ”بھائی کے شیعہ میں مواقع“ کے عنوان سے منعقدہ تقریب میں بطور مہمان خصوصی خطاب کرتے ہوئے کہی۔ اس موقع پر سیکرٹری محکمہ بھائی خصوصی افراد سندھ خالد چاچہ بھی موجود تھے۔ انہوں نے خصوصی افراد کی بھائی کے عمل میں علاج، نگہداشت، ادویات اور تربیت کی فراہمی میں ڈاکٹر یونیورسٹی کی کارکردگی کی تعریف کی۔ سید قاسم نوید نے قمر نے مزید کہا کہ سب سے پہلے معاشرے کو ان خصوصی افراد کو لازمی حصے کے طور پر قبول کرنا چاہیے اور ان کی بھائی کے لئے اپنی ذمہ داریاں نبھانی چاہئیں۔ انہوں نے کہا کہ یہ اطمینان کی بات ہے کہ طب کے شعبے میں سائنس نے بہت ترقی کی ہے اور خصوصی افراد کا علاج آسان ہو گیا ہے۔ انہوں نے مزید کہا کہ خوش قسمتی سے ہمارے پاس اس شعبے میں اچھی طرح سے تربیت یافتہ ڈاکٹر اور پیرا میڈیکس موجود ہیں۔ انہوں نے کہا کہ حکومت سندھ خصوصی افراد کو صحت، تعلیم، پیشہ ورانہ تربیت اور بھائی کی سہولیات بھی فراہم کر رہی ہے اور امید ہے کہ ان کے لئے زندگی مزید آسان ہو جائے گی۔

دماغی، اعصابی، بیماریاں اور معاشی و معاشرتی وسائل معذوری کا سبب ہیں

پروفیسر واجد شاہر، ڈاکٹر نیلہ سومرو، ڈاکٹر عبدالملک اور ڈاکٹر عمران کی میڈیا سے بات چیت

کراچی (پ ر) مہرین نے کہا ہے کہ کانفرنس کے سلسلے میں بی ایم اے ہاؤس میں خون کی پاکستان میں خون کی مینٹیننس بی سی کی اعلیٰ معیار کی اسکریننگ اور انتقال خون کے کم معیار کے باعث صحت سے متاثرہ بچوں کا علاج بہترین طریقے سے نہیں ہو پا رہا۔ صحت سے متاثرہ بچوں کا علاج بہترین طریقے سے نہیں ہو پا رہا۔ صحت سے متاثرہ بچوں کا علاج بہترین طریقے سے نہیں ہو پا رہا۔

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پاکستان میں معذوری کی پیمائش کیلئے ماہرین کی شدید قلت

دماغی، اعصابی بیماریاں اور معاشی و معاشرتی مسائل کے سبب پاکستان میں معذوری بڑھتی جا رہی ہے، دماغی امراض کے ماہرین کا کانفرنس سے خطاب

کراچی (اسٹاف رپورٹر) دماغی امراض کے ماہرین نے کہا ہے کہ دماغی، اعصابی بیماریاں، معاشی اور معاشرتی مسائل کے سبب پاکستان میں معذوری بڑھتی جا رہی ہے اور اس سے سب سے زیادہ متاثر ہو رہے ہیں، پاکستان میں معذور افراد کی تعداد 130 لاکھ ہے، باقی 115 لاکھ ہیں، اور دنیا بھر کی طرح پاکستان میں صرف 15 لاکھ کی سہولت موجود ہے، باقی 115 لاکھ ہیں، اور دنیا بھر کی طرح پاکستان میں بھی دماغی اور نفسیاتی امراض کے مریضوں میں اضافہ ہو رہا ہے، علاج اور معاشی کی سہولت نہ ہونے کے سبب ان امراض کا شکار افراد بھر کے لیے معذور ہو جاتے ہیں، پاکستان میں 5.03 فیصد معذوری کا شکار ہیں اور ان میں سالانہ 2.65 فیصد اضافہ ہو رہا ہے، شہری علاقوں میں معذور افراد کی تعداد 65 فیصد اور دیہاتی علاقوں میں 34 فیصد ہے۔

