



**RIPHAH**  
INTERNATIONAL UNIVERSITY



Prospectus

FACULTY OF REHABILITATION  
& ALLIED HEALTH SCIENCES

## Riphah College of Rehabilitation & Allied Health Sciences

### Welcome to Riphah International University

Riphah International University is a private sector university, chartered by the Federal Government of Pakistan in 2002. The University was established with a view to produce professionals with Islamic moral and ethical values. It is sponsored by a not-for-profit trust namely Islamic International Medical College Trust (IIMCT), which was established in 1995.

The first project of the IIMCT was the Islamic International Medical College, Rawalpindi, established in 1996 by its Founding Managing Trustee (Late) Maj. Gen. (R) Muhammad Zulfiqar Ali Khan, TI (M), TBt.

### Mission Statement

“ESTABLISHMENT OF STATE-OF-THE-ART EDUCATIONAL INSTITUTIONS WITH A FOCUS ON INCULCATING ISLAMIC ETHICAL VALUES”



“To be a faculty of international repute known for quality and value-based education, research and training programs.”



## Faculty of Rehabilitation & Allied Health Sciences (FRAHS)

The journey started in December 2007 a college of rehabilitation Sciences in Islamabad under the faculty of Health and medical science. In June-2018 due to the exponential growth and extraordinary achievements of the institute the Board of Governors (BOGs) of Riphah approved and established independent Faculty of Rehabilitation and Allied Health Sciences (FRAHS). Institutes under the Faculty of Rehabilitation and Allied Health Sciences (FRAHS) at the university campuses known as Riphah College of Rehabilitation & Allied health Sciences (RCRAHS).

The faculty has great contribution for the uplifting of rehabilitation and allied health sciences by enhancing the knowledge, clinical skills and research competencies. RCRAHS has significant contribution in the development of the national curriculum for DPT program under the patronage of Higher Education Commission (HEC).

Another unique achievement is the establishment of Rehab Certification Board offering certification in many specialities to fulfil the need of the society. The clinical training facilities distinguish the institute from others in the country. The first institute to introduce the concept of Rehab house officers in the country and offer paid house job opportunity to the DPT graduates and also has a paid Postgraduate trainee program in the rehabilitation disciplines.

The faculty members also have significant contribution by publishing more than 300 research articles in impact factor journals. The faculty also publish a journal biannually with the title "Journal of Riphah college of Rehabilitation Sciences (JRCRS)" recognised by Higher Education Commission of Pakistan (HEC).

### Dean's Message

It is a great honour for me to be the first dean of this prestigious faculty. In the last decade RCRAHS had great achievements and significant contribution for the standardization and quality both in academics and clinical practice. RCRAHS the pioneer institute for few innovative degree programs in the rehabilitation disciplines including doctor of physical therapy (DPT), MS in Speech language pathology (SLP), post professional DPT and certifications/Residencies in many rehab specialities. The institute has a leading

role in the rehabilitation and allied health sciences and offers many degree programs form under grade level to Doctoral level programs. If you plan to have a degree in rehab and allied health sciences I believe RCRAHS 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 at Riphah.



**Pioneer**  
Start **DPT Degree**  
in Pakistan



Organized  
International Conference in  
**Rehabilitation Sciences**



**Ample Publication**  
Nationally & International in  
Rehabilitation Sciences



**Prof. Dr. Asghar Khan**  
Dean, FRAHS

Dr. Khan completed his entry level degree in physical therapy (BSc PT) from Karachi University in 1992. He moved to USA in 1995 and passed the national license exam for physical therapists in the state Michigan USA in 1996. He completed his clinical doctorate from AT still university Arizona USA in 2008 and a Post graduate diploma in teaching methodology and professional ethics from Riphah international university in 2012. He completed his DSc PT from Andrews University in 2020, Michigan USA. According to the university "The Doctor of Science in Physical Therapy (DSc PT) degree represents the highest clinical specialty doctorate in the world". His area of specialization is manual therapy. He has been certified (CMPT) by North American Institute of Orthopedic Manual Therapy (NAIOM) USA. He has rich research profile, and his scholarly work has been published in various HEC recognized journals. He has 28 years of professional experience (Clinical +Teaching). In 2007 he joined Riphah international university as assistant professor and established Riphah College of rehabilitation Sciences (RCRS). He introduced the Doctor of physical therapy (DPT) Degree in Pakistan at Riphah which was endorsed by HEC in 2011. He was nominated as convenor of the HEC National Curriculum Revision Committee (NCRC) in 2016. He was appointed the first/founding Director of the newly established institute of Riphah. In 2016 he was promoted as associate professor of physical therapy due to his academic and research contribution. In May-2018 due to his extraordinary performance and achievements he was promoted as full professor. The Board of Governors (BOGs) of Riphah approved and established independent faculty of Rehabilitation and allied health sciences (FRAHS) In June-2018 due to the exponential growth and many extraordinary achievements of the institute and he was re-designated as Dean of the newly established faculty. He has additional responsibility as Regional Director Riphah Malakand Campus.



**Prof. Dr. Arshad Nawaz Malik**  
Principal, RCRAHS

Dr. Malik is a nationally well-known rehabilitation professional with 15 years of academic and clinical experience. He is specialized in Neuro-rehab and certified from Seoul National University South Korea. He is professionally qualified person and did his BS-Physical Therapy Degree in 2005 from King Edwards Medical University, and followed by post Professional doctor of physical Therapy from Riphah International University in 2010. He has completed PhD in Rehab Sciences from Isra University in 2018. His major area of research is Stroke rehab, balance dysfunction in elderly population.

Dr. Malik is certified research professional from Dow University of health sciences Karachi in 2011; along with 80 researches papers in his credit published in national and international recognized research journals.



**Prof. Dr. Imran Amjad**  
Associate Dean Post-graduate  
Programs & Research

Dr Amjad is a nationally renowned rehabilitation professional with more than 10 years of academic and clinical experience. He is a Post-Doctoral fellow in New Zealand College of Chiropractic, New Zealand. He did his BS Physiotherapy from School of Physiotherapy Mayo Hospital, King Edward Medical University Lahore. He has enhanced his qualification by earning Post Professional Doctor of Physical Therapy from Riphah International University, Islamabad. He enriched his qualification further with a Master of Philosophy in Physiology from Islamic International Medical College trust, Rawalpindi & Postgraduate Diploma in Professional Ethics and Teaching Methodology from Riphah International University, Islamabad. He is a Certified Health Professional Educator from Riphah international University. He is also New York (USA) Board certified physical therapist. He had also completed his fellowships in Neuroscience from Iran (2014), electrophysiology from USA (2016) and Biomechanics from USA (2016). He did his PhD Neuroscience/Rehabilitation from National University of Sciences technology, Islamabad. His major area of research interest includes neuroscience, biomechanics, exercise physiology and sports biomechanics. He has more than 60 research publications in National and International Journals. His accumulative published impact factor is more than 24.



**Prof. Dr. Waqar Ahmed Awan**  
HOD (MSPT)

Dr Waqar Ahmed Awan (PhD in Rehabili. Sci.) is HOD MSPT in Riphah Faculty of Rehabilitation & Allied Health Sciences. Mr Awan started his professional journey from 2005 and served the profession in different well reputed public and private organization as clinician, academican, researcher and administrator.

Dr Awan is approved PhD supervisor in the field of Rehabilitation Sciences for PhD program. He is an active researcher and having more than 30 publications on his credit in national and international HEC recognized journals. He also serves as member of advisory board and reviewer in internationally well reputed journals.



**Prof. Dr. Humaira Shamim Kiyani**  
HOD (SLP)

Prof Dr.Humaira Shamim Kiyani is a Speech and Language Pathologist working as a Head of Speech and language pathology department Riphah International University Islamabad. She did PhD in Rehabilitation Sciences and expertise and MS in speech and language pathology from Riphah International University. Dr Humaira has 15 year of vast academic and clinical experience in relative fields. She is only Aphasia Certified (UK) and member of Aphasia association (UK) and Conducted 1st Aphasia certification course in Pakistan. She is 1st HEC Grant holder for presenting paper international in Speech and Language Pathology. She is an internationally RBT (Registered Behaviour Trained) Therapist. She is also certified in outcome based education (COBE) also did one year PGD in Professional ethics and teaching methodology. She did post graduate Certificate course in Educational assessment. Dr Humaira major area of research interest includes adult neurogenic communication disorders. She has present speech and language pathology department at different forum internationally as a guest speakers, through research collaborations and also presented as key note speakers conducted workshops in multiple conferences both nationally and internationally. There are many publications/ articles in national and international Impact Factors Journals on her credits and won two research grants. She is a member of an Executive forum, and academic curriculum at HEC. She is also Secretary of Pakistan Speech and Language Pathology association.



**Dr. Mirza Obaid Baig**  
Assistant Professor/HOD Clinical

Dr Obaid is a physical therapist by profession with bachelor's degree in physical therapy from Ziauddin University in the year of 2006. He got his specialization in Neuromusculoskeletal Rehabilitation from University of Karachi in the year of 2010. He is an experienced physical therapist who has worked at renowned hospitals of Pakistan. He started his teaching career from Ziauddin University as Lecturer in the year 2009 and promoted as Assistant Professor in 2012. In addition to clinical and academic physical therapy services he also served as Ergonomic Specialist in a multinational company in order to prevent the different medical conditions for executive to labour class of the company. He also has a research profile in the field of physical therapy and rehabilitation. Currently he is leading the clinical teaching sites of Riphah International University for the undergraduate and postgraduate students of rehabilitation and allied health sciences.



**Dr. Muhammad Waseem**  
Associate Professor/HOD-BS/MLT

Dr. Waseem is an Associate Professor and Head of the department of Medical Laboratory Technology, Riphah International University Islamabad, Pakistan. Dr. Waseem completed his PhD in molecular medicine from prestigious research institute known as PCMD (Dr. Panjwani Centre for Molecular Medicine and Drug Research), under the ICCBS (International Centre for Chemical and Biological Sciences), University of Karachi, Pakistan in January 2016. Dr. Waseem currently have worked as Post-doctoral fellow at Centre for Regenerative Medicine and Stem Cells Research, Aga Khan University, Karachi Pakistan. He also have worked as Assistant Professor and Postdoctoral Fellow at Centre For Biotechnology and Microbiology, University of Swat, Pakistan and Lawson Health Research Institute St' Joseph Hospital, Western Ontario University, London, ON, Canada. At Lawson Health Research Institute St' Joseph Hospital also spent some time as Visiting PhD researcher. Dr Waseem published in his area of research and presented many times in International Conferences, Such as American Diabetes Association Conferences. Dr. Waseem current research interests involves molecular mechanism that maintain stemness and induce differentiation in stem cells. Bone marrow, adipose, and human umbilical cord derived mesenchymal stem cells have the potential to self-renew and capability to differentiate. Dr Waseem research interest and experience focus on stem cells biology and drug discovery through screening of new potential small molecules using in vitro and in vivo assays and determine their mechanism(s) of action by combining cellular, molecular and biochemical approaches in differentiation of stem cells toward insulin producing cells as well as targeting of cancer stem cells in tumour tissue. His focus area is to establish network of collaboration internationally and to establish GMP for clinical grade stem cells in Pakistan, and to transform current basic stem cells research into translational medicine.



**Dr. Huma Riaz**  
Associate Professor/HOD DPT Girls

Dr. Huma Riaz, is an Associate Professor & HOD DPT Girls, RIU. She has diverse and dynamic experience of more than 15 years with well reputed organizations in several capacities. Dr. Huma is UK trained & qualified in Women Health Physical Therapy (2016). She is credited with introducing WHPT specialty educational & clinical services at national level. She is course instructor of BCWHPT at Riphah. Dr. Huma hold graduation degree in physical therapy from UHS Lahore (2007) & Post graduation (PP-DPT; 2011) from RIU. She has been honored with Gold Medal at both educational levels. She is PhD Scholar in Rehab Sciences at ISRA University Islamabad.

As a Rehab educationalist, Dr. Huma has polished her skills with PGD (PE & TM), CHPE, COBE, Postgraduate certificate in assessment and excellence in leadership. She has diverse experience of presenting scientific papers at various national as well as international forums. Dr. Huma is actively engaged in research projects with majors in Women Bone health, pelvic floor rehabilitation, obstetric exercise training and musculoskeletal disorders management. She is credited with 35 publications in her research profile.



**Dr. Muhammad Affan Iqbal**  
Assistant Professor (OMPT)/  
HOD DPT Boys

Dr. Muhammad Affan Iqbal, PT is working as Assistant Professor and HOD of DPT-Boys program at RCRAHS, Riphah International University, Islamabad. He is graduate from School of Physiotherapy, King Edward Medical University, Lahore. He has done his T-DPT degree from the same prestigious university and got Masters degree in Orthopedic Manual Physical Therapy from Riphah International University. Currently he is pursuing his PhD in the field of Rehabilitation Sciences. He has more than 11 years of academic and clinical experience. He is one of the few certified dry needling practitioner of Pakistan. He has worked as Physiotherapist at various Govt. Teaching Hospitals and state of the art private medical centers. He is senior member of OMPT consultant team at Riphah Rehabilitation Center, Rawalpindi. He is expert in Manual Physical Therapy and has worked on different areas of Orthopedic Manual Physical Therapy. Currently he is working on biomechanical adjustments and different manual interventions at head & neck, jaw, shoulder and hand & wrist.



**Dr. Ramish Riaz**  
Assistant Professor  
HOD MIT

Dr. Ramish Riaz completed her Ph.D. at the National University of Science & Technology and worked on the development of novel Ultrasound Contrast Agents. She has an M.phil degree in Biotechnology with research in Cancer Genetics and a Bachelor's degree in Medical Imaging Technology from Rawalpindi Medical College. She started her professional carrier back in 2016 as a visiting lecturer at Rawalpindi Medical University. To increase her Ultrasonography skills, she joined the Pakistan Institute of Medical Sciences as Sonology Internee where she was offered lectureship of Medical Physics to Post Graduate Residents (FCPS & MD). Meanwhile, she started her Ph.D. and completed it in 4-year duration at ASAB-NUST with 6 Impact factor publications, 2 book chapters, and the filing of a Patent. Apart from her Ph.D. work, she has multiple publications (more than 20) in both national and international journals in the fields of medical imaging, medicine, nanomedicine, and theranostics due to her enthusiasm toward multidisciplinary learning and research. She has been honored to present her findings on prestigious platforms of ACS and IAEA. She joined Riphah as an Assistant Professor and Head of the Medical Imaging Technology Department in September 2022.



**Miss. Faseeha Aman**  
In charge  
HND

Miss. Faseeha Aman is Program In charge of the Department of Human Nutrition & Dietetics, RIU. She has background of Nutritional Sciences and completed her Postgrad in Human Nutrition from the University of Agriculture, Faisalabad, Pakistan. She got training from Aga Khan University Hospital Karachi and Combined Military Hospital Rawalpindi. She has also served as a Nutrition Officer at District Health Office Faisalabad.

Miss. Faseeha published several research articles in National & International Journals. Her research interest and expertise focus on Intermittent Fasting and Nutritional Immunology. Furthermore, her focus area is to establish international research collaboration to initiate molecular level research in her area of specialization. Miss. Faseeha is also a member of Pakistan Nutrition & Dietetics Society.

## Riphah College of Rehabilitation and Allied Health Sciences

Riphah College of faculty of Rehabilitation and Allied health Sciences offers bachelor, master and doctoral level programs in Physical therapy, Speech and language pathology and medical lab technology.

### Under-Graduate

- Doctor of Physical Therapy - DPT (5 years)
- BS Speech Language & Pathology - SLP (4 years)
- BS Optometry & Orthoptics - O&O (4 years)
- BS Human Nutrition & Dietetics - HND (4 years)
- BS Medical Imaging Technology -MIT (4 years)

- BS Medical Lab Technology - MLT (4 years)

### Post-Graduate:

1. Master of Science in Physical Therapy (5 Specialties)
2. Master of Science in Speech language Pathology/Therapy
3. Master of Sciences In Medical Lab Sciences (MS MLS)
4. PhD in Rehabilitation Sciences

## DOCTOR OF PHYSICAL THERAPY (DPT)

### Description:

The first professional degree in physical therapy endorsed by the Higher Education Commission of Pakistan(HEC) comprises of 5 years (10 semesters), equivalent 17 years of schooling. The degree program will produce physical therapy professionals who will be Doctors of Physical Therapy and will be competent to diagnose and treat movement dysfunctions due to injuries or diseases by using all physical means including; manual therapy techniques, exercise therapy, electrotherapy and preventative and corrective measures. Physical Therapists with the DPT degree will be practitioners of choice to whom public will have direct access for the diagnosis of, interventions for, and prevention of impairments, activity limitations, participation restrictions, and environmental barriers related to movement, function, and health.

### Eligibility Criteria:

Minimum 60% marks in intermediate (FSc/A Levels) with pre-medical subjects, from a recognized board/university/institute. Degree holders from foreign institutes should submit the equivalence certificate from Inter Board Committee of Chairmen (IBCC).

**Duration:** 5 years (10 Semesters)

### Scheme of Studies

#### FIRST PROFESSIONAL YEAR

##### 1st Semester

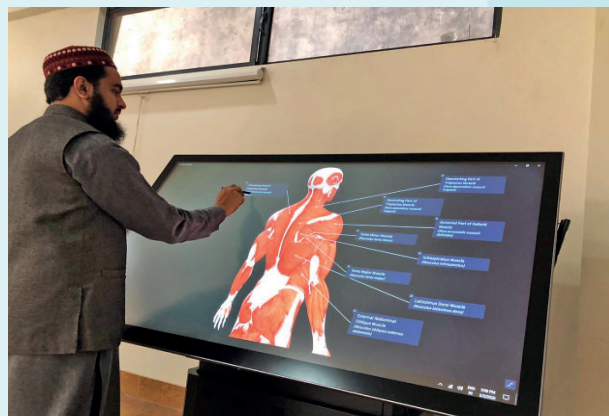
Code	Name of Subject	Cr. Hrs
DPAN614	Anatomy-I	4(3-1)
DPPH613	Physiology-I	3(2-1)
DPKI613	Kinesiology-I	3(2-1)
DPEN613	Functional English) English-I)	3(3-0)
DPPS612	Pakistan Studies	2(2-0)
DPBI613	Introduction to Computer	3(3-0)
	<b>Total Credit Hours</b>	<b>18</b>

### Selection Criteria:

- Candidates are required to take the entry test & interview.
- Test score of centrally held entrance test by federal or provincial governments, such as UHS test is acceptable.
- Merit: Matric 10%, F.Sc 50%, Test 40%

### Interview:

The students finally selected will be interviewed for personality and aptitude for the Physical Therapy education / profession.



##### 2nd Semester

Code	Name of Subject	Cr. Hrs
DPAN624	Anatomy -II	4(3-1)
DPPH623	Physiology-II	3(2-1)
DPKI623	Kinesiology-II	3(2-1)
DPEN623	Communication Skills) English-II)	3(3-0)
DPIS612	Islamic Studies / Ethics	2(2-0)
	Sociology	2(2-0)
	<b>Total Credit Hours</b>	<b>17</b>

**SECOND PROFESSIONAL YEAR****3rd Semester**

Code	Name of Subject	Cr. Hrs
DPRN633	Technical Writing & Presentation Skills) English-III)	3(3-0)
DPMP613	Medical Physics	3(2-1)
DPAN633	Anatomy-III	3(2-1)
DPPH633	Physiology-III	3(2-1)
DPBE613	Biomechanics & Ergonomics-I	3(3-0)
DPBC612	Biochemistry-I	2(2-0)
	<b>Total Credit Hours</b>	<b>17</b>

**THIRD PROFESSIONAL YEAR****5th Semester**

Code	Name of Subject	Cr. Hrs
DPPM612	Pathology & Microbiology-I	2(2-0)
DPPT613	Pharmacology & Therapeutics-I	2(2-0)
DPPE613	Physical Agents & Electrotherapy-I	3(2-1)
DPT613	Therapeutic Exercises & Techniques	3(2-1)
DPBS613	Biostatistics-I	3(3-0)
DPBS612	Behavioral Sciences (Psychology & Psychiatry)	2(2-0)
DPCP613	Supervised Clinical Practice-I	3(0-3)
	<b>Total Credit Hours</b>	<b>18</b>

**FOURTH PROFESSIONAL YEAR****7th Semester**

Code	Name of Subject	Cr. Hrs
DPME613	Medicine-I	3(3-0)
DPSU613	Surgery-I	3(3-0)
DPRD613	Radiology & Diagnostic Imaging	3(2-1)
DPMU614	Musculoskeletal Physical Therapy	3(2-1)
DPEP613	Evidence Based Practice	3(2-1)
DPCP633	Supervised Clinical Practice-III	3(0-3)
	<b>Total Credit Hours</b>	<b>17</b>

**FIFTH PROFESSIONAL YEAR****9th Semester**

Code	Name of Subject	Cr. Hrs
DPCA613	Cardiopulmonary Physical Therapy	3(2-1)
DPPO612	Prosthetics & Orthotics	2(2-0)
DPD613	Clinical Decision Making & Differential Diagnosis	3(3-0)
DPMT613	Manual Therapy	3(2-1)
DPPP612	Professional Practice (Laws, Ethics, Administration)	2(2-0)
DPIN612	Integumentary Physical Therapy	2(2-0)
DPCP653	Supervised Clinical Practice V	3(0-3)
	<b>Total Credit Hours</b>	<b>18</b>

**4th Semester**

Code	Name of Subject	Cr. Hrs
DPAN643	Anatomy-IV (Neuro Anatomy)	3(2-1)
DPBE623	Biomechanics & Ergonomics-II	3(2-1)
DPBS613	Health & Wellness	2(2-0)
DPBC623	Biochemistry-II	3(2-1)
DPEP643	Exercise Physiology	3(3-0)
DPMG613	Molecular Biology & Genetics	2(2-0)
	<b>Total Credit Hours</b>	<b>16</b>

**6th Semester**

Code	Name of Subject	Cr. Hrs
DPPM623	Pathology & Microbiology-II	3(2-1)
DPPT622	Pharmacology & Therapeutics-I	2(2-0)
DPPE623	Physical Agents & Electrotherapy-II	3(2-1)
DPIR613	Introduction to Revealed Sciences	3(3-0)
DPCR613	Community Medicine & Rehabilitation	3(3-0)
DPCP623	Supervised Clinical Practice-II	3(0-3)
	<b>Total Credit Hours</b>	<b>17</b>

**8th Semester**

Code	Name of Subject	Cr. Hrs
DOM623	Medicine-II	3(3-0)
DPSU623	Surgery-II	3(3-0)
DPNE614	Neurological Physical Therapy	3(2-1)
DPEB613	Scientific Inquiry & Research Methodology	3(2-1)
DPEP613	Emergency Procedures & Primary Care in Physical Therapy	3(2-1)
DPCP643	Supervised Clinical Practice-IV	3(0-3)
	<b>Total Credit Hours</b>	<b>18</b>

**10th Semester**

Code	Name of Subject	Cr. Hrs
DPGO612	Obstetrics & Gynaecological Physical Therapy	2(2-0)
DPPA612	Paediatric Physical Therapy	2(2-0)
DPGE612	Gerontology & Geriatric Physical Therapy	2(2-0)
DPSP612	Sports Physical Therapy	2(2-0)
DPCP662	Supervised Clinical Practice VI	4(0-4)
DPRP616	Research Project	6
	<b>Total Credit Hours</b>	<b>18</b>
	<b>Total Credit Hours- DPT</b>	<b>174</b>



# BACHELOR OF SCIENCE IN SPEECH LANGUAGE AND PATHOLOGY (BS-SLP)

## Description

The bachelor of sciences in Speech-Language Pathology is a four year program that aims to produce graduates in the country who will be competent to identify, assess, evaluate, manage, treat, educate and help to prevent language, speech, voice, fluency, cognitive, and other related communication disorders and swallowing problems. This degree program will cover communication disorders due to neurological disorders, hearing impairment, language learning disabilities, cerebral palsy, developmental delay, autism, cleft palate, brain injuries, feeding and swallowing difficulties.

**Eligibility Criteria:** FSc Pre medical or Equivalent HSSC Certificate from IBBC Islamabad with at least 50% marks.

**Duration:** 4 years (8 Semesters)

**Selection Criteria:** Candidates are required to take the entry test & interview.

Test score of centrally held entrance test by federal or provincial governments, such as UHS test is acceptable.

**Merit:** Matric 10%, F.Sc 50%, Test 40%

**Interview:** The students finally selected will be interviewed for personality and aptitude for the speech and language pathology profession.



## Semester I

Code	Course Title	Cr. Hrs
BCGL- 101	Biochemistry & Genetics	3(2+1)
SLPL-101	Introduction To Speech and Language Pathology-I	3(2+1)
ENG-101	English-I (Functional)	3(3+0)
ITCL- 101	Application of Information and Communication Technologies	3(2+1)
UR-330	Introduction to Basic Teachings of Quran	2(2+0)
FPY-101	Fundamentals of Psychology	3(3+0)
	<b>Total Credit Hours</b>	<b>17</b>

## Semester II

Code	Course Title	Cr. Hrs
ANPL-101	Anatomy & Physiology -I	3(2+1)
EWR-112	Expository writing	3(3+0)
QRS-101	Quantitative reasoning -I	3(3+0)
UR-450	Professional ethics (slp)	2(2+0)
UR-324	Introduction to Hadith and Seerah	2(2+0)
SLPL-112	Introduction to Speech and Language Pathology-II	3(2+1)
	<b>Total Credit Hours</b>	<b>16</b>

## Semester III

Code	Course Title	Cr. Hrs
ANPL-212	Anatomy & Physiology-II	3(2+1)
QRS-112	Quantitative Reasoning II	3(3+0)

ENT-201	ENTREPRENEURSHIP	2(2+0)
PSLL-201	Phonetics For Speech Language Pathology	3(2+1)
UR-220	Pakistan Studies	2(2+0)
UR-110	Islamic Studies/Ethics	2(2+0)
	<b>Total Credit Hours</b>	<b>15</b>

## Semester IV

Code	Course Title	Cr. Hrs
ANPL-213	Anatomy and Physiology -III (Neuro- Anatomy)	3(2+1)
LSPL-201	Linguistics for Speech & Language Pathology	3(2+1)
LEDL-201	Learning Disability	3(2+1)
MEPL-201	Medical Physics	3(2+1)
CFAL-201	Craniofacial Abnormalities	3(2+1)
	<b>Total Credit Hours</b>	<b>18</b>

## Semester V

Code	Course Title	Cr. Hrs
SPD-301	Speech Disorders	3(3+0)
LAD-301	Language Disorders	3(3+0)
AUR-301	Aural Rehabilitation	3(3+0)
PHRL-301	Pharmacology and Radiology	3(2+1)
AAC-301	Alternative & Augmentative Communication	3(3+0)
AUDL-201	Audiology	3(2+1)

	<b>Total Credit Hours</b>	<b>18</b>
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**Semester VI**

Code	Course Title	Cr. Hrs
AND-301	Adult Neurogenic Communicative Disorders	3(3+0)
VOD-301	Voice Disorders	3(3+0)
EBP-301	Human growth and Development	3(3+0)
SFD-301	Swallowing & feeding Disorders-I	3(3+0)
MED-301	Evidence based practice	3(2+1)
SCPC-312	Supervised Clinical Practice- I	3(0+3)
	<b>Total Credit Hours</b>	<b>18</b>

**Semester VII**

Code	Course Title	Cr. Hrs
CDD-401	Clinical Decision Making & Differential Diagnosis	4(3+1)
SFD-412	Swallowing and Feeding Disorders-II	3(3+0)
UR-460	Family life in 21s Century: challenges & Prospect	2(2+0)
REML-401	Research Methodology	3(2+1)
MED-301	Medicine	3(3+0)

SCPC-413	Supervised Clinical Practice- III	3(0+3)
	<b>Total Credit Hours</b>	<b>18</b>

**Semester VIII**

Code	Course Title	Cr. Hrs
DME-401	Disability, Multidisciplinary Team and Educational	3(3+0)
TCM-401	Teaching methodology & Community medicine	3(3+0)
MSD-401	Motor speech disorders	3(2+0)
ISHC-401	Internship	3(0+3)
RESP-401	Research project	3(0+3)
	<b>Total Credit Hours</b>	<b>15</b>

**BS SLP Program Total Credit Hours = 135****BACHELOR OF SCIENCE IN MEDICAL LABORATORY TECHNOLOGY (MLT)****Description**

Bachelor of Science in Medical Laboratory Technology is a four-year program that aims to train students in the basic Medical Laboratory Techniques used in clinical chemistry, hematology, blood bank, microbiology and histopathology laboratories. This programme will equip graduates of medical laboratory technology to provide diagnostic services in hospitals and diagnostic centers.

**Eligibility Criteria**

FSc Pre medical, FSc Medical Lab Technology or Equivalent HSSC Certificate from IBBC Islamabad with at least 50% marks.

**Duration:** 4 years (8 Semesters)

**Selection Criteria:**

Candidates are required to take the entry test & interview.

Test score of centrally held entrance test by federal

or provincial governments, such as UHS test is acceptable.

**Merit:** Matric 10%, F.Sc 50%, Test 40%

**Interview:**

The students finally selected will be interviewed for personality and aptitude for the Medical lab technology profession.



## Scheme of Study

### Semester I

Code	Course Title	Cr. Hrs
UR-330	Introduction to Basic Teaching of Qura'an	3(3+0)
BES-IOI	Behavioural Sciences	3(3+0)
ITCL-IOI	Introduction to Computer	3(2+1)
BICL-IOI	Biochemistry -I	3(2+1)
ENG-IOI	Functional English-I	3(3+0)
ANTL-IOI	Anatomy-I	3(2+1)
	<b>Total Credit Hours</b>	<b>18</b>

### Semester III

Code	Course Title	Cr. Hrs
UR-IIO	Islamic Studies	3(3+0)
UR.220	Pakistan Studies	3(3+0)
ENG-213	English-III, Technical Writing and Presentation Skill	3(3+0)
PHYL-212	Physiology-II	3(2+1)
ANTI-212	Anatomy-II	3(1+1)
BLPL-201	Biosafety & lab Principles	2(1+1)
	<b>Total Credit Hours</b>	<b>18</b>

### Semester V

Code	Course Title	Cr. Hrs
CBAL-30	Clinical Bacteriology	3(2+1)
CBAL-301	Chemical Pathology	3(2+1)
CHPL-301	Hematology -II	3(2+1)
HEML-312	Histopathology & Cytopathology-II	3(2+1)
HCPL-312	Molecular Biology & Genetics-I	3(2+1)
MBGL-301	Medical Virology	3(2+1)
MEVL-301	Summer Instrumentation	Non Cr. Hrs (4-5 weeks)
	<b>Total Credit Hours</b>	<b>18</b>

### Semester VII

Code	Course Title	Cr. Hrs
CPRC-401	Chemical Pathology Lab Rotation	4(1+3)
HEMC-401	Haematology Lab Rotation	4(1+3)
MIBC-401	Microbiology Lab Rotation	4(1+3)
HCPC-401	Histopathology and Cytopathology Lab Rotation	4(1+3)
UR-450	Professional Ethics (Medical Lab Science)	2(2+0)
	Summer Internship Mandatory	Non Credit 4-5 weeks
	<b>Total Credit Hours</b>	<b>18</b>

### Semester II

Code	Course Title	Cr. Hrs
ENG-112	Communication Skills (English -II)	3(3+0)
UR-324	Introduction to Hadith & Sirah	3(3+0)
MES-IOI	Medical Sociology	3(2+1)
BSFI-IOI	Biostatistics	3 2+1
BICL-112	Biochemistry-II	3 2+1
PHYL-IOI	Physiology-I	3(3+0)
	<b>Total Credit Hours</b>	<b>18</b>

### Semester IV

Code	Course Title	Cr. Hrs
GEP-201	General Pathology	3(3+0)
GEML-201	General Microbiology	3(24-1)
HEMI-201	Hematology-I	3(2+1)
IMSL-201	Immunology and Serology	3(2+1)
HCPL-201	Histopathology and Cytopathology-I	3(2+1)
MEIL-201	Medical Instrumentation	Non Cr. Hrs (4-5 weeks)
	<b>Total Credit Hours</b>	<b>18</b>

### Semester VI

Code	Course Title	Cr. Hrs
ECM-301	Epidemiology & Community Medicine	2(2+0)
MBGL-312	Molecular Biology and Genetics-II	3(2+1)
TFML-301	Transfusion Medicine	3(2+1)
REML-301	Research Methodology	3(2+1)
PAML-301	Parasitology and Mycology	3(2+1)
QCML-301	Quality Control & Lab Management	3(2+1)
	Summer Internship Mandatory	Non Cr. Hrs (4-5 weeks)
	<b>Total Credit Hours</b>	<b>17</b>

### Semester VIII

Code	Course Title	Cr. Hrs
UR-460	Family Life in 21st Century: Challenges and Prospects	2(2+0)
BWML-401	Biomedical Waste Management	3(2+1)
BITL-401	Bioinformatics	2(1+1)
CEAL-401	Clinical Enzymology and Automation	3(2+1)
RESP-401	Research Project	
	<b>Total Credit Hours</b>	<b>16</b>

**Program Total Credit Hours = 140**

## BACHELOR OF HUMAN NUTRITION AND DIETETICS (HND)

### Description

Pakistani population suffering from a variety of nutritional deficiency disorders ranging from protein-calorie malnutrition to specific micro-nutrients in certain areas of the country. The long-term and sustainable approach is to prevent and cure diseases with diet management. Realizing the importance of human nutrition in daily life the RIPHAH International University has started a multidisciplinary and inter-institutional 4-years degree program leading to BSc (Hons.) Human Nutrition and Dietetics. The aim of this program is to transform human health status through better nutrition and physical Activity and to promote

an academically and culturally diverse educational and research environment by providing high-quality nutrition education and skills. Graduates scope to work as Nutrition Educationists, Nutrition Consultants, Clinical Dieticians and Food Service Administrators.

**Eligibility Criteria:** F. Sc. Pre-Medical with minimum 50% marks / Equivalent qualification

**Duration:** 4-years (8 semester)

**Selection Criteria:** Candidates are required to take the entry test & interview. Test score of centrally held entrance test by federal or provincial governments, such as UHS test is acceptable.

### Scheme of Study

#### First Year Semester – 1

Code	Course Title	Cr. Hrs
IBCL-101	Introductory Biochemistry	3
BSC-101	Behavioral Sciences	3
ITCL-101	Introduction to Computer	3
UR-330	Life & Living (Introduction to Basic teachings of Quran)	3
ENG- 101	English 1	3
FHN-101	Fundamentals of Human Nutrition	3
	<b>Total Credit Hours</b>	<b>18</b>

#### First Year Semester – 2

Code	Course Title	Cr. Hrs
HPHL-101	Human Physiology	3
FOS-101	Fundamentals of Sociology	3
BSTL-101	Biostatistics	3
UR-220	Life and Living (Introduction to Hadith and Seerah)	3
ENG-112	English II	3
HANL-101	Human Anatomy	3
	<b>Total Credit Hours</b>	<b>18</b>

#### Second Year Semester – 3

Code	Course Title	Cr. Hrs
MIN-201	Micronutrients in Human Nutrition	3
MAN-201	Macronutrients in Human Nutrition	3
ENG-213	English-III	3
LLP-201	Life and Living (Pakistan Studies)	3
LLI-201	Life and Livings (Islamic Studies)	3
EFS-201	Essentials of food sciences	2
	<b>Total Credit Hours</b>	<b>17</b>

#### Second Year Semester – 4

Code	Courses	Cr. Hrs
ANSL-201	Assessment of Nutritional Status	3
MPMC-201	Meal Planning and Management	3
NTL-201	Nutrition Through the Life Cycle	3
GPNL-201	General Pathology	3
FDL-201	Food and Drug Laws	2
FSQ-201	Food Safety & Quality Management	2
	<b>Total Credit Hours</b>	<b>16</b>

#### Third Year Semester – 5

Code	Courses	Cr. Hrs
HNDC-301	Dietetics-I	3
NEAC-301	Nutritional Education & Awareness	3
DMCC-301	Diet Modeling and Counseling	3
PHNP-301	Public Health Nutrition	3
FANL-301	Food Analysis	3
FMBL-301	Food Microbiology	3
	4-5 Week Hospital Internship Programs, and Report Writing	Non-Credited
	<b>Total Credit Hours</b>	<b>18</b>

#### Third Year Semester – 6

Code	Courses	Cr. Hrs
HNDC-312	Dietetics-II	3
FFNL-301	Functional Foods & Nutraceuticals	3
SNTL-301	Sports Nutrition	3
ICFC-301	Infant and Young Child Feeding	3
UR-450	Professional Ethics in Human Nutrition and Dietetics	2
NEM-301	Nutrition in Emergencies	2
	4-5 Week Hospital Internship Programs, & Report Writing	Non-Credited
	<b>Total Credit Hours</b>	<b>16</b>

#### Fourth Year Semester – 7

Code	Courses	Cr. Hrs
GFI-401	Global Food Issues	3
RMNP-401	Research Methods in Nutrition	3
CNEP-401	Community Nutrition & epidemiology	3
FSML-401	Food Service Management	3
PNTC-401	Preventive Nutrition	3
	4-5 Week Hospital Internship Programs, and Report Writing	Non-Credited
	<b>Total Credit Hours</b>	<b>15</b>

#### Fourth Year Semester – 8

Code	Courses	Cr. Hrs
IRCP-401	Project	6
NPP-401	Nutrition Policies and Programs	3
UR-460	Life and Living (family life in 21 <sup>st</sup> century)	2

## BACHELOR OF SCIENCE OPTOMETRY & ORTHOPTICS (O&O)

### Description

Optometry is a diverse and engaging health care profession, which encompasses not only the detection of refractive errors but also detection and management of eye diseases, fitting and prescription of contact lenses care of patients with low vision, offering advice on problems with color vision, it is a vast field that goes side by side with all other medical sciences. Optometry is one of the most blessed professions as it deals with enhancing and aiding people with the gift of sight, perhaps one of the most important and most fascinating senses of the body.

Optometrists provide general eye and vision care through general practice and more specialized practice such as contact lens practitioners, pediatric optometrists, orthoptists, low vision practitioners (for visually impaired patients), serve as consultant optometrists and dispensing advisors incorporate

PNPC-401	Practical Nutrition Practices in Clinical Care	3
DNI-401	Drug-Nutrient Interactions	3
	<b>Total Credit Hours</b>	<b>17</b>

optical outlets, occupational vision (to protect and preserve workers' vision and minimize eye strain), sports vision, vision therapy, work with multinational companies as technical experts.

Optometrists may find jobs in public health departments/hospitals, teaching and research institutions, international organizations, & NGOs. They may continue their higher studies in masters and doctoral programs.

**Eligibility Criteria:** F. Sc. Pre-Medical with minimum 50% marks / Equivalent qualification

**Duration:** 4-years (8 semester)

### Selection Criteria:

Candidates are required to take the entry test & interview. Test score of centrally held entrance test by federal or provincial governments, such as UHS test is acceptable.



## Scheme of Study

### First Year - Semester – I

Code	Courses	Cr. Hrs
ITCL-101	Introduction to Computer	3(2+1)
GAPL-101	General Anatomy & Physiology	3(2+1)
ENG-101	English-I (Functional English)	3(3+0)
BSC-101	Behavioral Sciences	3(3+0)
UR-330	Introduction to the Basic Teachings of the Quran	3(3-0)
VOPL-101	Visual Optics	3(2+1)
	<b>Total Credit Hours</b>	<b>18 (15+3)</b>

### Second Year - Semester-III

Code	Courses	Cr. Hrs
UR-110	Islamic Studies (Islamic Ethical Principles & Contemporary Issues)	3(3+0)
UR-220	Pakistan Studies	3(3+0)
ENG-213	English-III (Technical Writing and Presentation Skills)	3(3+0)
GPAL-201	General Pathology	3(2+1)
PGOL-201	Physical & Geometrical Optics	3(2+1)
	<b>Total Credit Hours</b>	<b>15(13+2)</b>

### Third Year - Semester-V

Code	Courses	Cr. Hrs
OSQL-301	Orthoptics & Squint-I	3(2+1)
COEL-301	Clinical Optometry & Examination	3(2+1)
SDNL-301	Systemic Diseases & Neuro-Ophthalmology	3(2+1)
OOPL-301	Occupational Optometry	3(2+1)
PEC-301	Primary Eye Care	3(3+0)
CATC-301	Clinical Attachment-I	3(0+3)
	Summer Internship (Mandatory)	Non-Credit (4-5 weeks)
	<b>Total Credit Hours</b>	<b>18(11+7)</b>

### Fourth Year - Semester-VII

Code	Courses	Cr. Hrs
PEOL-401	Pediatric Optometry	3(2+1)
CMD-401	Community Medicine	3(3+0)
DEUL-401	Diagnostic Equipment's Units	3(2+1)
REML-401	Research Methodology	3 (2+1)
CATC-413	Clinical Attachment-III	3(0+3)
UR-450	Professional Ethics (Optometry & Orthoptics)	2(2+0)
	Summer Internship (Mandatory)	Non-Credit (4-5 weeks)
	<b>Total Credit Hours</b>	<b>17 (11+6)</b>

### First Year - Semester-II

Code	Courses	Cr. Hrs
GBCL-101	General Biochemistry	3(2+1)
ENG-112	English-II (Communication Skills)	3(3+0)
BSTL-101	Biostatistics	3(2+1)
ISC-101	Introduction to Sociology	3(3+0)
UR-324	Introduction to the Hadith & Seerah	3(3+0)
OAPL-101	Ocular Anatomy & Physiology	3(2+1)
	<b>Total Credit Hours</b>	<b>18 (15+3)</b>

### Second Year - Semester-IV

Code	Courses	Cr. Hrs
IOPL-201	Instrumental Optics	3(2+1)
OPDL-201	Ophthalmic Dispensing	3(2+1)
CDOL-201	Clinical Diseases (Ophthalmology)	3(2+1)
POPL-201	Physiological Optics	3(2+1)
OPH-201	Ophthalmic Pharmacology	3(3+0)
	Summer Internship (Mandatory)	Non-Credit (4-5 weeks)
	<b>Total Credit Hours</b>	<b>15 (11+4)</b>

### Third Year - Semester-VI

Code	Courses	Cr. Hrs
COLL-301	Contact Lenses	3(2+1)
OSQL-312	Orthoptics & Squint-II	3(2+1)
LOVL-301	Low Vision	3(2+1)
IEH-301	Inclusive Eye Health	3(3+0)
OMBL-313	Ocular Mobility & Binocular Single Vision / Skills	3(2+1)
CATC-312	Clinical Attachment-II	3(0+3)
	Summer Internship (Mandatory)	Non-Credit (4-5 weeks)
	<b>Total Credit Hours</b>	<b>18 (11+7)</b>

### Fourth Year - Semester-VIII

Code	Courses	Cr. Hrs
ECBL-401	Eye & Corneal Banking	3(2+1)
RESP-401	Research Project	6(6+0)
CATC-414	Clinical Attachment-IV	3(0+3)
UR-460	Family Life in 21st century: challenges and prospects	2(2+0)
	<b>Total Credit Hours</b>	<b>14 (10+4)</b>

**Grand Total: 133**

## BACHELOR OF SCIENCE IN MEDICAL IMAGING TECHNOLOGY (BS-MIT)

### Description

With rapid and ongoing advancements, Medical Imaging has become an essential component of modern medicine and is playing a key role in the diagnosis, treatment, and monitoring of disease. Medical Imaging Technologists are a vital part of healthcare teams – they use powerful equipment to take images of inside the body, then interpret these images to diagnose and understand patients' health conditions. The Bachelor of Science in Medical Imaging Technology at Riphah is a 4-year undergraduate program. The purpose of this program is to equip the students with relevant professional knowledge, skills, techniques, and ethical values to enable them to apply their acquired expertise for efficient health service delivery learned through a combination of theory and clinical experience. This program combines clinical learning with hands-on training in X-rays, fluoroscopy, mammography,

DEXA, angiography, computed tomography, magnetic resonance imaging, doppler scanning, and ultrasonography. Graduates of the program can expect promising career as medical imaging technologists, radiographers, sonographers, medical researchers, radiation protection officers, and clinical application specialists.

### Eligibility Criteria:

F. Sc. Pre-Medical with minimum 50% marks / Equivalent qualification

**Duration:** 4-years (8 semester)

### Selection Criteria:

Candidates are required to take the entry test & interview. Test score of centrally held entrance test by federal or provincial governments, such as UHS test is acceptable.

### Scheme of Study

#### Semester - 1

Code	Courses	Cr. Hrs
MIPH-513	Natural Science-I (HEC) Basic Physiology	3(2-1)
MIBS-513	Social Science-I (HEC), Behavioral Science	3(3-0)
MIIC-513	Quantitative Reasoning-I (HEC) Introduction to Computer	3(2-1)
UR-330	Arts and Humanities I (HEC/UR) LIFE AND LIVING- III, (Introduction to Basic Teachings of Quran)	3(3-0)
MIEN-513	(Expository Writing-I) HEC Functional English-I	3(3-0)
MIAN-513	Basic Anatomy	3(2-1)
	<b>Total Credit Hours</b>	<b>18</b>

#### Semester - 2

#### Semester - 2

Code	Courses	Cr. Hrs
MIBB-513	Natural Science-II (HEC), Basic Biochemistry	3(2-1)
MISO-513	Social Science-II (HEC), Sociology	3(3-0)
MIBI-513	Quantitative Reasoning-II (HEC), Biostatistics	3 (3-0)
UR-324	Arts and Humanities-II (HEC/UR), LIFE AND LIVING-IV (Introduction to Hadith & Sirah)	3(3-0)
MIEN-523	Expository writing-II (HEC), English-II (Academic Reading and, Writing)	3(3-0)
MIFM-512	Fundamentals of Medical Imaging Technology	2 (2-0)
	<b>Total Credit Hours</b>	<b>17</b>

#### Semester - 3

Code	Courses	Cr. Hrs
UR-110	UR/Civilization course HEC/UR, Life & Living-I, (Islamic Ethical Principles and Contemporary Issues)	3(3-0)
UR-220	UR/Civilizational Course-II (HEC) Life & Living-II (UR), Pakistan Studies	3(3-0)
MIEN-533	Expository Writing-III (HEC), English III	3(3-0)
MIBP-512	Basic Pharmacology	2 (2-0)
MIMS-513	Microbiology & Sterilization	3 (2-1)
MIGP-513	General Pathology	3 (3-0)
	<b>Total Credit Hours</b>	<b>17</b>

#### Semester-4

Code	Courses	Cr. Hrs
MIRI-514	Regional & Imaging Anatomy-I	4 (3-1)
MIRS-514	Radiation Science & Technology-I	4 (3-1)
MIME-514	Medicine-I	4 (3-1)
MICP-512	Clinical Pharmacology	2 (2-0)
MIFM-513	Forensic Medicine	3 (3-0)
	Internship	Non credited
	Practical Learning Laboratory (PLL) Program, minimum 4 hours per week (2 afternoon sessions every week)	Non credited
	<b>Total Credit Hours</b>	<b>17</b>

## Semester 5

Code	Courses	Cr. Hrs
MIRI-624	Regional & Imaging Anatomy-II	4 (3-1)
MIRS-624	Radiation Science & Technology-II	4 (3-1)
MIME-624	Medicine-II	4 (3-1)
MIUL-614	Ultrasound/Doppler	4 (2-2)
MISR-612	Special Radiological Techniques	2 (1-1)
	Internship	Non credited
	Practical Learning Laboratory (PLL) Program, minimum 4, hours per week (2 afternoon sessions every week)	Non credited
	<b>Total Credit Hours</b>	<b>18</b>

## Semester 6

Code	Courses	Cr. Hrs
MINA-613	Neuroanatomy	3 (2-1)
MICT-613	CT SCAN	3 (1-2)
MIGR-613	General Radiology	3 (2-1)
MIFL-613	Fluoroscopy	3 (2-1)
MIMA-613	Mammography	3 (1-2)
MIMR-613	MRI-I	3 (2-1)
	Internship (HEC)	Non credited
	Practical Learning Laboratory (PLL) Program, minimum 4, hours per week (2 afternoon sessions every week) (HEC)	Non credited
	<b>Total Credit Hours</b>	<b>18</b>

## Semester 7

Code	Courses	Cr. Hrs
MINM-613	Nuclear Medicine-I	3 (2-1)
MISU-613	Surgery-I	3 (2-1)
MIMR-623	MRI-II	3 (2-1)
MIEC-613	Echocardiography	3 (2-1)
MISR-613	Scientific Inquiry & Research Methodology	3 (2-1)
UR-450	Life and Living-V, (Professional Ethics)	2(2-0)
	Internship (HEC)	Non credited
	Practical Learning Laboratory (PLL) Program, minimum 4 hours per week (2 afternoon sessions every week) (HEC)	Non credited
	<b>Total Credit Hours</b>	<b>17</b>

## Semester 8

Code	Courses	Cr. Hrs
MINM-623	Nuclear Medicine-II	3 (2-1)
MISU-623	Surgery-II	3 (2-1)
MIAC-613	Angiography & Cardiac Imaging	3 (2-1)
UR-460	Life and Living-VI (Family Life in 21st Century; Challenges and Prospects)	2(2-0)
MIRP-616	Research Project	6 (0-6)
	<b>Total Credit Hours</b>	<b>17</b>

**Program Total Credit Hours = 139**





## Post Grads Programs

### MASTER OF SCIENCE IN PHYSICAL THERAPY (MSPT)

#### Description:

It is a two year post grad degree program equivalent to 18 year of schooling (Ms/MPhil) according to HEC criteria. The graduates of this degree program will equip with advance knowledge and skills in following mentioned specialized areas.

1. Orthopaedic Manual Physical Therapy- OMPT
2. Neuromuscular Physical Therapy-NMPT
3. Cardio-Pulmonary Physical Therapy-CPPT
4. Sports Physical Therapy-SPT
5. Women Health Physical Therapy-WHPT

#### Eligibility:

Doctor of physical Therapy (DPT-5 years from any HEC Recognized University or equivalent qualification.

**Duration:** 2 Years (4 Semester)

**Credit Hours:** 42

#### Selection Criteria:

- Candidates are required to take the entry test & interview.
- University Test 60% Score

#### Interview:

The students finally selected will be interviewed for personality and aptitude for the physical Therapy profession.

#### Core Courses for MS-Physical Therapy (OMPT, NMPT, CPPT, SPT & WHPT)

##### 1st Semester

Code	Courses	Cr. Hrs
MSRE-713	Rehab Education, Ethics & Documentation	3 (3-0)
MSRM-713	Research Methodology & Biostatistics	3 (3-0)
	<b>Total Credit Hours</b>	<b>6</b>

#### Orthopaedic Manual Physical Therapy (OMPT)

##### Scheme of Study

##### 1st Semester

Code	Courses	Cr. Hrs
MSAH-713	Advanced Elbow, Wrist & Hand Assessment	3(2+1)
MSAS-713	Advanced Pectoral Girdle & Shoulder Assessment & Management	3(2+1)
	<b>Total Credit Hours</b>	<b>6</b>

##### 2nd Semester

Code	Courses	Cr. Hrs
MSAC-713	Advanced cervical spine & Temporo Mandibular (TMJ) Assessment & Management	3(2+1)
MSAL-713	Advanced Thoraco-Lumber Assessment & Management	3(2+1)
MSAP-713	Advanced Pelvis & Hip Assessment & Management	3(2+1)
MSAK-713	Advanced Knee, Ankle & Foot Assessment & Management	3(2+1)
	<b>Total Credit Hours</b>	<b>12</b>

#### Neuro Muscular Physical Therapy (NMPT)

##### Scheme of Study

##### 1st Semester

Code	Courses	Cr. Hrs
MSAN-713	Applied Neuroscience	3(2+1)
MSFB-713	Fall And Balance Dysfunction	3(2+1)
	<b>Total Credit Hours</b>	<b>6</b>



**2nd Semester**

Code	Courses	Cr. Hrs
MSNM-713	Neurological Disorder Management	3(2+1)
MSPR-713	Pediatric Rehabilitation	3(2+1)
MSSR-713	Stroke Rehabilitation	3(2+1)
MSSC-713	Spinal Cord Injury Rehabilitation	3(2+1)
	<b>Total Credit Hours</b>	<b>12</b>

**Cardiopulmonary Physical Therapy (CPPT)****Scheme of Study****1st Semester**

Code	Courses	Cr. Hrs
MSSC-743	Critical Care Physical Therapy	3(2+1)
MSCP-733	Cardiovascular & Pulmonary Exercise Test	3(2+1)
	<b>Total Credit Hours</b>	<b>6</b>

**2nd Semester**

Code	Courses	Cr. Hrs
MSCR-753	Cardiac Rehabilitation	3(2+1)
MSPR-763	Pulmonary Rehabilitation	3(2+1)
MSSV-773	Surgical & Vascular Rehabilitation	3(2+1)
MSEE-783	Exercise prescription & Emergency care	3(2+1)
	<b>Total Credit Hours</b>	<b>12</b>

**SPORTS PHYSICAL THERAPY (SPT)****Scheme of Study****1st Semester**

Code	Courses	Cr. Hrs
MSSL-713	Sports Injuries In Lower Extremities	3(2+1)
MSSU-713	Sports Injuries In Upper Extremities	3(2+1)
	<b>Total Credit Hours</b>	<b>6</b>

**2nd Semester**

Code	Courses	Cr. Hrs
MSSC-713	Sports injuries in cervico-thoracic region	3(2+1)
MSSLP-713	Sports Injuries of lumbo-pelvic region	3(2+1)
MSPT-713	Performance enhancement training	3(2+1)
MSSM-713	Practical Sports medicine	3(2+1)
	<b>Total Credit Hours</b>	<b>12</b>

**Women Health Physical Therapy (WHPT)****Scheme of Study****1st Semester**

Code	Courses	Cr. Hrs
MSBM-713	Biomedical Sciences	3(2+1)
MSOB-713	Obstetric Physical Therapy	3(2+1)
	<b>Total Credit Hours</b>	<b>6</b>



# MASTER OF SCIENCE IN PHYSICAL THERAPY (MSPT)

## 2nd Semester

Code	Courses	Cr. Hrs
MSNM-713	Neuromusculoskeletal Disorders In Women	3(2+1)
MSGP-713	Gynecological Physical Therapy	3(2+1)
MSWD-713	Women Health Disorders through Life stages	3(2+1)
MSHF-713	Women Health and fitness	3(2+1)
<b>Total Credit Hours</b>		<b>12</b>

## 3rd Semester MS-Physical Therapy (OMPT, NMPT, CPPT, SPT & WHPT)

### 3rd Semester

Code	Courses	Cr. Hrs
MSTP-723	Terminal Project	3
MSRP-714	Residency (4 weeks, 1 week in each month)	4
<b>Total Credit Hours</b>		<b>7</b>



## 4th Semester MS-Physical Therapy (OMPT, NMPT, CPPT, SPT & WHPT)

### 4th Semester

Code	Courses	Cr. Hrs
MSTP-723	Terminal Project	3
	one research article is required to be published on the topic of research for the completion of the terminal project	
MSRP-714	Residency (4 weeks, 1 week in each month)	4
<b>Total Credit Hours</b>		<b>7</b>



## MASTER OF SCIENCE IN SPEECH LANGUAGE PATHOLOGY (MS SLP)

### Description

The aim of a postgraduate Speech-Language Pathology program is to produce competent, ethical clinicians with strong Islamic values in the field. These clinicians employ best evidence-based methods for identification, differential diagnosis and management of a range of speech, language and swallowing disorders through well-equipped clinical settings. The program comprises of 70 credit hours of course work and research for students with no prior background in the field of Speech and Language Pathology. Students are encouraged to actively participate in high standards of research. The course also allows for specialization in an area of preference.

Clinical supervision is provided by foreign qualified and trained faculty members with a ratio of two students to one supervisor. The program allows clinicians to work in a multitude of settings including but not limited to schools, private practice, hospitals and rehabilitation centers. The course is based on a modular system allowing for greater structure, knowledge and problem solving.

**Duration:** 2 years (4-Semesters)

### Eligibility Criteria:

- BS/M.Sc Psychology, Behavioral sciences
- BS/M.Sc Health and Management sciences
- 4 year Bachelor/MA Social and Management Sciences
- Or any equivalent qualification from any HEC recognized University minimum unadjusted 50% marks.

### Selection Criteria:

- Candidates are required to take the entry test & interview.
- University Test 60% score

### Interview:

The students finally selected will be interviewed for personality and aptitude for the speech and language pathology profession.

### Scheme of Study

#### 1st Year

##### 1st Semester

Code	Courses	Cr. Hrs
SLS-501	Speech and Language Sciences	3 (3+0)
BMSL- 501	Biomedical sciences 1	3 (2+1)
CHDL-501	Child development	3 (2+1)
SPDL-501	Speech disorders 1	3 (2+1)
NBSL-501	Neural Bases of Speech / Language and Hearing	3 (2+1)
UR711	Professional Ethics 1	2 (2+0)
	<b>Total Credit Hours</b>	<b>17</b>

#### 2nd Year

##### 3rd Semester

Code	Courses	Cr. Hrs
SPDL-612	Speech Disorders 2	3 (2+1)
RUAL-601	Rudiments of Audiology	3(2+1)
AACL-601	Augmentative and Alternative Communication	3(2 +1)
REM-601	Research Methodology	3(3+0)
CDML-612	Clinical Decision Making & Planning Effective Treatment 2	3 (2+1)
LED-601	Learning Disability	2(2+0)
	<b>Total Credit Hours</b>	<b>17</b>

##### 2nd Semester

Code	Courses	Cr. Hrs
LDCL-501	Language Disorders in Children	3 (2+1)
BMSL-612	Biomedical Sciences 2	3 (2+1)
EBPL 501	Evidence-based practice	3 (2+1)
MCP-501	Speech/language in a multicultural population	3 (3+0)
CDML-501	Clinical Decision Making & Planning Effective Treatment 1	3 (2+1)
CPS-501	Clinical Psychology	3(3+0)
	<b>Total Credit Hours</b>	<b>18</b>

##### 4th Semester

Code	Courses	Cr. Hrs
ANCL-701	Adult Neurogenic Communication Disorders	3 (2+1)
MSDL-701	Motor Speech Disorders	3(2+1)
DYS- 701	Dysphagia	3(3+0)
ACPC-713	Advanced Clinical Practicum	3 (0+3)
RESP-701	Research Thesis/Project	6 (0+6)
	<b>Total Credit Hours</b>	<b>18</b>

**Total Credit Hours MS-SLP/SLT: 70 Cr. Hrs**



## MASTER OF SCIENCES IN MEDICAL LAB SCIENCES (MS MLS)

### Rationale:

Master of Sciences in Medical Laboratory Sciences is a program designed for graduates in Medical Laboratory Technology to acquire more advanced and specialized training in different specialties of a diagnostic clinical laboratory. Medical Laboratory Technologists are professionals who have the technical expertise necessary to perform a wide variety of routine and specialized tests on patient specimens to help the physician in the diagnosis and treatment of disease. These professionals practice in hospital laboratories, private medical laboratories, public health laboratories, government laboratories, research and educational institutions

### Aims and Objectives:

This program aims to provide the student with expert practical training and instructions in different specialties of medical laboratory sciences. The major objective is to help students develop specialized knowledge, skill, attitude and clinical judgment required for competency as medical laboratory technologists and laboratory scientists in different fields of laboratory medicine. The program strives to prepare graduates who, using the newest methodologies, state of the art automated analyzers, critical thinking and task management, provide valid, accurate and precise test results used in the detection, diagnosis and treatment of the diseases.

### Program Learning Outcomes:

At the end of the degree program following outcomes will be achieved:

- To provide advanced and specific training

to students in different specialties of laboratory sciences

- To provide the students with a capacity to recognize the clinical significance of the test they perform, and evaluate the reliability of the results by obtaining satisfactory quality control results
- To enable students to report results accurately using verbal and written means, recognizing the necessity to draw attention to abnormal values
- To train students in the operation of laboratory instruments and able to recognize failures and take appropriate actions
- To train the students in biomedical research methodology, search for biomedical science literature, interpretation of research data and in the written and oral presentation of scientific research

### Detail description of the program:

**Program:** Master of Sciences in Medical Laboratory Sciences (MS MLS)

**Duration:** Two years, full time, 30 Credit Hours course work + 6 Credit hours Research (Thesis)

**Level:** Postgraduate

### Eligibility:

- BSc (Hons) Medical Laboratory Technology Or MSc Medical Technology from any HEC Recognized University
- NTS test GAT-GENERAL 50 % score

**Course:** Semester Based (4-Semesters) duration (18-weeks each)

**Credit Hours: 36- Credit Hours****Assessment Criteria/Plan**

- Sessional Exam after 8 weeks
- Final semester Exam after 18 weeks
- Subjects with theory, viva and practical
  - a) Theory paper: 100 MCQs: Marks =100
  - b) Duration of paper: 2 hours

**Assessment Criteria:**

- a) Assignments: 10%
- b) Sessional Exam: 30%
- c) Final Exam: 40 %
- d) Viva/Practical Exam: 20 %

**Subjects only have theory papers:**

- a) Theory paper: 100 MCQs : Marks= 100
- b) Duration of paper : 2 hours

**Assessment Criteria:**

- a) Assignments: 10%
- b) Sessional Exam: 40%
- c) Final Exam: 50%

**Detailed Contents:****Break down of Semesters with subject codes & credit hours****Semester 1:**

Code	Courses	Cr. Hrs
MLCM713	Clinical Microbiology	3 (2+1)
MLIM713	Immunology	3 (2+1)
MLHM713	Hematology	3 (2+1)
MLCP713	Chemical Pathology	3 (2+1)
		12

**Semester 2:**

Code	Courses	Cr. Hrs
MLMD723	Molecular Diagnostics	3 (2+1)
MLTM723	Transfusion Medicine	3 (2+1)
MLLQ723	Lab Management	3 (3+0)
MLHT723	Histotechniques	3 (2+1)
		12

**Semester 3:**

Code	Courses	Cr. Hrs
MLES733	Elective Subject	3 (2+1)
HNRM713	Advanced Biostatistics & Research methodology	3 (2+1)
		6

**Semester 4:**

Code	Courses	Cr. Hrs
MLRT746	Research & thesis	6
		6
		36

**The list of the elective subjects is as follows:**

Subjects	Cr. Hrs
Advanced Clinical Microbiology	3 (2+1)
Advanced hematology & Blood transfusion	3 (2+1)
Advanced chemical pathology	3 (2+1)
Advanced Molecular Biology	3 (2+1)

## PHD IN REHABILITATION SCIENCES

### Description:

There are many Rehabilitation sciences research projects going on in the country at the moment but lacks high quality research due to unavailability of qualified researchers. Therefore, it is a dire need to produce qualified researchers at doctoral level in the field of rehabilitation sciences. PhD Program is offered in the following two specialties of Rehabilitation sciences:

- **Physical Therapy**
- **Speech Language Pathology**

The aim of this program is to produce high quality, problem solving Rehabilitation professionals well equipped with the knowledge, skills and abilities to deliver appropriate, effective and efficient rehabilitation services for improving patient care and quality of life.

### Eligibility Criteria:

To be eligible for admission to the program, a candidate shall possess MS/MPhil or its equivalent degree with a minimum cumulative grade point average (CGPA) of 3.0 on the 4.0 scale or minimum of 60% marks (in the annual system) in a relevant discipline from a recognized University/ Institution.

- The candidate must have carried out and successfully defended at least 6 credit hours of research work with dissertation/thesis in MS/ MPhil or its equivalent degree.
- GRE (Subject) with minimum 60% score or University Test 70%
- Project proposal presentation



### Duration:

Three years (06-Semesters), full time, 18 Credit Hours course work + 30 Credit Research (Thesis).

### Scheme of Study:

#### 1st Semester Course Work

Code	Courses	Cr. Hrs
PHRH-813	Rehab, Health & Professional Education	03 (3+0)
PHAB-813	Advanced Biostatistics & Research Methods	03 (3+0)
PHSI-813	Scientific Inquiry & Bioethics	03 (3+0)
PHDD-813	Differential Diagnosis in Rehabilitation (Electives)	03 (3+0)
<b>Total Credit Hours</b>		<b>09</b>

#### 2nd Semester (Course Work)

Code	Courses	Cr. Hrs
PHNS-813	Neurosciences (Mandatory)	03(2+1)
PHAC-813	Advanced Clinical Competency-I In the area of choice (Mandatory)	03(2+1)
PHAC-823	Advanced Clinical Competency-II In the area of choice (Mandatory)	03(2+1)
PHAD-813	Applied disability & rehabilitation research (Electives)	03 (3+0)
<b>Total Credit Hours</b>		<b>09</b>

#### 3rd-6th Semesters Research Project

Code	Courses	Cr. Hrs
PHRP-8130	Research Project	30
<b>Total Credit Hours</b>		<b>30</b>



## RIPHAH REHAB CERTIFICATION BOARD (RRCB)

### Description:

The Riphah Rehab Certification Board established in August 28, 2017 with the aim to promote specialized and evidence based practice and all the discipline of rehabilitation sciences to provide quality health care for the people. Only those techniques and procedures are adopted which are supported by empirical evidences. The certification process will provide the opportunity for those clinicians who want to enhance their clinical skills but have no time to pursue higher qualification. The certifications will distinction the certified clinician from a general clinician. The board has developed unique curricula for rehab disciplines which are the intellectual property of the Riphah international University and cannot be reproduced in any form without the

permission of the board.

### Approved Certification Titles:

Code	Course Name
BCMT600	BCMT (Board Certified Manual Therapist)
BCNDT600	BCNDT (Board Certified Neuro-diagnostic Therapist)
BCWHT600	BCWHT (Board Certified Women health Therapist)
BCAST600	BCAST (Board Certified Aphasia Speech Therapist)
BCSEnCo600	BCSEnCo (Board Certified special education needs coordinator)
BCSMT	BCSMT (Board Certified Stroke Management Therapist)
BCPLAT600	BCPLAT (Board Certified Pediatric Language Assessment Therapist)
BCICPT600	BCICPT (Board Certified Intensive Care Physical Therapist)

## DRESS CODE FOR UNDERGRADUATE STUDENTS

### Summer Uniform

#### Male

- Sky blue shirt with full sleeves and collar with front pocket
- Steel gray neck tie (optional)
- Steel gray Dress pant
- Black Shoes with black socks
- White Coat

#### Female

- Swan white shalwar qamees with full sleeves, no slite and ban collar (qamees length should extend 2 inches below the knees)
  - Black shoes
  - White socks
  - Sky blue scarf of specified size to fully cover the head, neck and body
  - White coat
- \* In addition to this, girls can wear Abaya that may be white / black (Plain).

### Winter Uniform:

#### Male

- Sky blue shirt with full sleeves and collar with front pocket
- Steel gray neck tie (optional)
- Steel gray Dress pant
- Black Shoes with black socks
- White Coat
- Steel gray sweater/single breast blazer

#### Female

- Swan white shalwar qamees with full sleeves, no slite and ban collar (qamees length should extend 2 inches below the knees)
  - Black shoes
  - White socks
  - Sky blue scarf of specified size to fully cover the head, neck and body
  - White coat
  - Steel gray sweater/single breast blazer
- \* In addition to this, girls can wear Abaya that may be white / black (Plain).

### Dress Code for All Postgraduate Students

- Proper dress for both male and female students. Baggy pants, jeans, jackets and joggers are not allowed. For female students scarf of specified size to fully cover the head, neck and body
- In addition to this, girls can wear abaya that may be Black/White (Plain).

### Labs in campus

1. Anatomy Lab
2. Virtual Dissection Lab
3. Physiology & Biochemistry Lab
4. Kinesiology & Biomechanics Lab
5. Medical Physics & Electrotherapy Lab
6. Physical Therapy practice Lab
7. Computer lab



## Facilities at Campus

### Cafeteria

Cafeteria services catering with hygienic snacks, full meals and drinks are provided on payment. Separate café for girls and boys.

### Prayer Area

Mosque is established at campus while separate prayer areas for females are also located in campus.

### Book Shop

Bookshops are located in campus to make available the textbooks, learning materials, photocopy services, and stationary items besides secretarial facility for both the students and faculty/staff.

### Library

The Information Services Department serves the information needs of the faculty and student community and offers quality services. The department has access to a rich and diverse collection of 10,000,000 online articles, 100,000 books and 10,000 online journals.

### VLE & SAP:

The university believes and is gradually moving towards the paper less environment. Therefore, a top of the line SAP and learning management system, Virtual Learning Environment-VLE have been installed to ensure quick and online academics services to all the stakeholders. Through these systems, the lectures, class activities and teaching materials are made available on VLE. Assignments, quizzes, marks and results are uploaded on CMS. It also carries student's bio data and the attendance record.

### Security

Campus has the round-the-clock-security services through active security guards and equipped with the CCTV cameras to ensure safe environment for all the stakeholders.

### Class rooms & Auditorium

The classroom and auditoriums are fully furnished and are equipped with audio/video aids for better modern learning environment.

### Riphah FM 102.2

Media plays a pivotal role in social, economic and political development of a country. Realizing the potential of campus radio to educate and inform students in particular and community in general, Riphah International University established its campus radio Riphah FM 102.2 in 2009.

Riphah FM 102.2 not only brings educational, informational and entertaining programming fair to the RIU students and community, but also provides a

platform to the students to build their communication and presentation skills in a professional working media environment. It provides them hands-on training in audio production: script writing, anchoring and editing.

### Regulation of Universality regarding Academic Deficiency

- (i) A student shall be required to maintain a minimum CGPA of 2.0 throughout the period of study.
- (ii) At the end of every **regular** semester, a probation warning is issued to the student if the CGPA of the student falls below 2.0. However, if a student cannot earn a minimum GPA of 1.0 in the first semester then he/she shall be dismissed from the program. In case GPA of a student in the first semester falls below 1.5 but equal to or above 1.0 then he/she shall be given a serious warning (the last chance to attain a semester GPA of 2.0 or above). A student on serious warning shall be dismissed from the program if he/she fails to achieve minimum semester GPA of 2.0.
- (iii) A student with a warning probation cannot register courses in the subsequent semester without the approval of the Dean.
- (iv) After each regular semester, if the CGPA of a student is less than the 2.0, the probation count increases by one.
- (v) If the CGPA of the student equals or exceeds 2.0, the probation count becomes zero.
- (vi) If the probation count of a student becomes three (3), he/she shall be relegated.

A relegated student shall not be allowed to register any new course(s) and only re-register his/her repeatable courses. During relegation he/she shall have to maintain a minimum SGPA of 2.00. To remove the relegation status he/she shall have to earn a minimum CGPA of 2.00. The relegation period shall be counted towards the maximum period allowed for the program.

### Conferences and seminar

RCRAHS regularly organize international and national conferences to uplift the profession and many foreign scholars share their expertise. College also organize different seminar to create awareness regarding the health care issues.

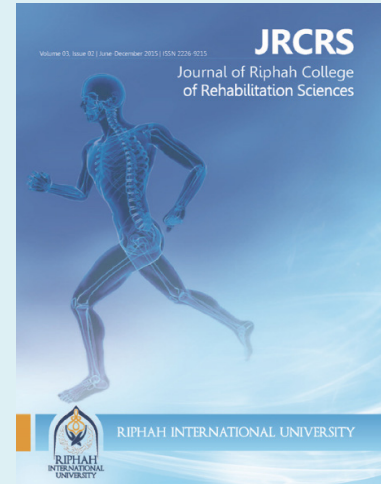
### Rehabilitation House Officer Program

Faculty of Rehabilitation & Allied Health Sciences (FRAHS) Islamabad provides ample opportunities of paid internships and house officer programs to its students. At Islamabad, the college has affiliations with number of hospitals and rehabilitation centers where final year students of DPT and other programs are sent for on job training and learning sessions.

## Journal Riphah College of Rehabilitation Science JRCRS

Journal Riphah College of Rehabilitation Science (JRCRS) is a biannual journal which accepts articles from rehabilitation Scientists. JRCRS HEC recognized "Y" category Journal.

The journal covers all the rehabilitation disciplines including physical Therapy, speech and language pathology, occupational therapy, prosthetic and Orthotic, psychology, and biomedical technology. The journal only accepts original studies including; qualitative, quantities, and human or laboratory studies.



## Student magazine

Student magazine written and edited by students under the supervision of teachers.

Student success stories, reviews in modern rehabilitation, career growth, faculty interviews and academic learning for profession.



## Clinical Facility

1. Pakistan Railway General Hospital, Rawalpindi
2. Riphah International Hospital, Islamabad
3. Max Health Hospital, Islamabad
4. Riphah Child Development Center, Rawalpindi
5. Riphah Rehabilitation Center Westridge campus, Rawalpindi.
6. Heart International Hospital, Rawalpindi



## Faculty Members

**Prof. Dr. Asghar Khan**  
Professor, Dean FRAHS  
BSPT, DPT, DSC (PhD) (USA)

**Prof. Dr. Arshad Nawaz Malik**  
Professor, Principal RCRAHS  
BSPT, PP-DPT, PhD (Rehab Sciences)

**Prof. Dr. Imran Amjad**  
Professor, Associate Dean PG & Research  
BSPT, PPDPT, Mphil Physiology, PhD  
Neurosciences

**Prof. Dr. Waqar Ahmed Awan**  
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PhD Rehab Sciences

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Ph.D. Biomedical Engineering (CHINA)

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**Ms. Anum Chaudary**  
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**Dr Azka Kainat**  
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DPT, MSPT-NMPT

**Dr Natesh Kumar**  
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**Dr. Zarlish Ayan**  
Junior Therapist  
DPT

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Junior Therapist  
DPT

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Junior Therapist  
DPT

**Dr. Mohammad Faheem**  
Junior Therapist  
DPT

# Students Activities, Workshops & Conferences

**WORLD Osteoporosis Day**  
20 October 2020

**Service Highlights**

- Best Quality Care
- Professional Service
- Result orientation treatment
- Risk Assessment for Osteoporosis
- Screening for bone health
- Early diagnosis

**Free Bone Health Checkup**  
First time in twin cities (Rawalpindi and Islamabad)

**FREE MEGA BONE CHECKUPS FOR FEMALES ABOVE 45**  
Early detection saves life and prevents osteoporotic bone fracture

Women above the age of 45 can register the earliest

Riphah International University, Westridge Campus : 326A-Major Muhammad Suleman road, Westridge 1 Rawalpindi







## ISLAMABAD / RAWALPINDI

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### **Al-Mizan Campus:**

Al-Mizan IIMCT Complex,  
274-Peshawar Road, Rawalpindi.

**UAN:** +92 (51) 111-510-510

**Phone:** +92 (51) 512 5162-7

### **I-14 Campus:**

Sector I-14, Haji Camp, Islamabad.

**Phone:** +92 (51) 844 6000-7

**UAN:** +92 (51) -111-747-424

### **G-7 Campus:**

RIU, 7th Avenue, G-7/4, Islamabad.

**Phone:** +92 (51) 289 1835-8

**Fax:** +92 (51) 289 0690

### **Gulberg Green Campus:**

Plot No PB-02 Gulberg Expressway,  
Gulberg Green (IBECHS), Islamabad

**Phone:** +92 (51) 5912890-5

### **ETB Campus:**

Suite No 7, Ground Floor, Evacuee  
Trust Complex, Agha Khan Road,  
Sector F-5/1, Islamabad.

**Phone:** +92 (51) 843 8370-7

### **Westridge Campus:**

Potohar Plaza, main Peshawar Road,  
Rawalpindi.

**Phone:** +92 (51) 5166 813-4, 5166 917-8

### **IIMCT Pakistan Railway Hospital:**

Westridge, Rawalpindi.

**Phone:** +92 (51) 425 9795-8

**Fax:** +92 (51) 425 9793

### **Riphah International Hospital:**

Main Expressway opposite DHA II,  
Sihala, Islamabad.

**Phone:** +92 (51) 448 6064

### **Islamic International Dental Hospital:**

IIDH, 7th Avenue, G-7/4, Islamabad.

**Phone:** +92 (51) 289 1835-8

**Fax:** +92 (51) 289 0690

### **MaxHealth Hospital:**

2-K Markaz Road, G-8 Markaz,  
Islamabad

**Phone:** +92 (51) 8094760-65

## LAHORE

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### **Raiwind Campus:**

Raiwind Road Campus,  
13-Km, Raiwind Road, Lahore.

**Phone:** +92 (42) 111- 747-424

### **Quaid-e-Azam Campus**

28-M, Quaid-e-Azam, Industrial  
Estate, Kot Lakhpat, Lahore.

**UAN:** +92 (42) -111-747-424

### **Gulberg Campus:**

26-M, Gulberg - III,  
Ferozepur Road, Lahore

**UAN:** +92 (42) -111-747-424

## FAISALABAD

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### **Faisalabad Campus:**

Satiana Road, Adjacent Fish Farm,  
Faisalabad.

**Phone:** +92 (41) 8777- 210 & 310

## MALAKAND

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### **Malakand Campus:**

Chakdara Road, Malakand.

**Phone:** 0314-3019495



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FM102.2**