



Shifa Tameer-e-Millat University

شفا تعمیر ملت یونیورسٹی



SHIFA COLLEGE OF PHARMACEUTICAL SCIENCES

# PROSPECTUS

2025-26

## Doctor of Pharmacy (Pharm.D.)

M.Phil. Clinical Pharmacy Practice

M.Phil. Pharmacology (Molecular)

M.Phil. Pharmaceutical Chemistry

Ph.D. Pharmacology

Ph.D. Pharmaceutical Chemistry



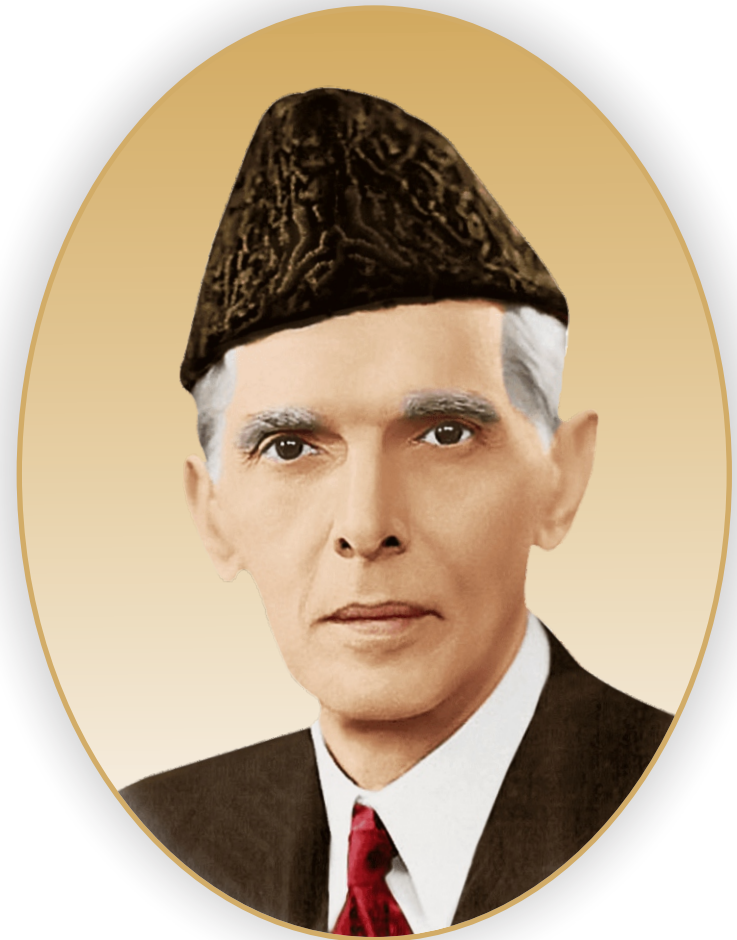
بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ



## Quaid's Message

My young friends, I look forward to you as the real makers of Pakistan, do not be exploited and do not be misled. Create amongst yourselves complete unity and solidarity. Set an example of what youth can do. Your main occupation should be in fairness to yourself, to your parents, in fairness to the State, to devote your attention to your studies. If you fritter away your energies now, you will always regret.

*Quaid-e-Azam Mohammad Ali Jinnah addressing the youngsters in East Pakistan, 1948*



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**Dr. Manzoor H. Qazi**

MBBS, Diplomate American Board  
(Internal Medicine & Cardiology)  
Chancellor, STMU  
Member of Board of Directors,  
Shifa International Hospitals Ltd.

## Message from the Chancellor

The era of accelerating change, we are now witnessing has exposed our world to a greater challenge of accomplishing more with our time. In an attempt to get more done, we must keep pace with this incessant change and continue to widen our intellectual horizon by acquiring professional management, technical and research skills. Therefore, we as a developing nation stand in need of an environment that promotes education and training required for high-demand careers.

I am honored to be the chancellor of Shifa Tameer-e-Millat University (STMU), Islamabad which is committed to ensure excellence in all its educational programs coupled with dynamic and comprehensive academic distinction, whereby, making the learning experience of its MBBS, Nursing, Pharmacy, Physical Therapy, Bio Technology and Management students richer, challenging, germane, and stimulating.

The students at STMU, Islamabad benefit from state-of-the-art facilities and resources, including an innovative and student-centered curriculum allowing for the early development of professional skills and behaviors promoting collaborative learning, critical thinking and reflection-skills are essential for brilliant career.

Our faculty is eminently qualified, and committed to provide students

with the essential academic, professional, and personal skills required for competing in today's challenging employment environment. In addition to teaching and mentoring students, our faculty members prove to be avid consumers as well as producers of research helping them staying current in their academic disciplines.

STMU enriches the students' campus life by promoting co-curricular activities, clubs/societies and sports helping students mold their lives to become well rounded people and learning the art of living and working together.

STMU has grown to its current position as a provider of quality education through its commitment to excellence; we are resolute to continue growing from strength to strength and raising the bar for top-notch education.

We invite you to be a part of our institution to gain practical knowledge in your targeted field, acquire leadership skills, and to learn the art of community service.



# Message from the Vice Chancellor



**Prof. Dr. Mohammad Iqbal Khan**

MD; FRCS; MHPE  
Professor of Surgery at  
Shifa College of Medicine, STMU  
Consultant General Surgeon at  
Shifa International Hospital Islamabad

It is indeed my proud privilege to lead Shifa Tameer-e-Millat University (STMU), Islamabad, as Vice Chancellor. STMU was established with a vision to be a world-class institution for academic excellence geared towards the development of a prosperous society. The university, in its pursuit of the same, is striving hard to expand the frontiers of knowledge through world-class teaching, scholarship, research and the lifelong engagement of its students and alumni to contribute to society at large. This University has come a long way in adding new dimensions to the higher education in the country and is currently running both vertical and horizontal integrated programs in Spiral Medicine, Nursing, Pharmacy, Rehabilitation sciences, Medical Technology, Management Sciences, Clinical Psychology, Nutrition and Health Professions Education. In view of the emerging need of the hour, University is planning to start Law, Engineering and Computer Science programs at undergraduate and post graduate level in near future.

STMU is a vibrant center of quality, dedicated to providing valuable education in various fields, in accordance with the specific developing needs of our country. At STMU, we are committed to providing finest education and a congenial environment for the holistic growth & development of our students. To achieve this, the curriculums followed by various faculties are distinctively designed and continuously updated to reach all types of learners, using a combination of strategies to enhance learning and inspiration.

Our highly skilled, educated and committed teachers put their hearts and souls in training students to become globally accepted personalities possessing good interpersonal skills, proper aptitudes and attitudes, problem solving abilities, art of working in teams, and leadership qualities. While doing so, due care is taken to imbibe values, social adaptability and human sensibility to become valuable, responsible and participative citizen of the country. In today's dynamic and competitive world, things are changing fast, and we at STMU stand ready and equipped to meet the challenges of improving economic and social well-being. The university has generated tremendous momentum for advancement on an accelerated path and our indigenous research work and innovations will undoubtedly contribute to the society and world community at larger scale.

I confidently believe that the mother-lode of Pakistan's untapped wealth is at institutions such as STMU, where dedicated young people can refine their impulse to innovate through pioneering, genuine and tangible research. The rich experience of establishing, Shifa International Hospital Islamabad, a premier, comprehensive and iconic health care facility in South East Asia is a living example of allegiance, commitment and devotions of Shifa family is being undeniably deciphered at STMU. We welcome all the students who chose to be a part of this esteemed university, we are sure that the strength of our reputation will not only benefit our students, but also the boundless global community that will gain from Shifa Family's knowledge and leadership.





**Prof. Dr. Tausif A. Rajput**

Ph.D., M.Phil, B.Pharm (R.Ph., Pak.)

Principal/Dean

Shifa College of Pharmaceutical Sciences

Faculty of Pharmaceutical and Allied Health Sciences

## Message from the Dean

Pharmacy plays a crucial role in the health care, and drug delivery system of a country. Pakistan needs highly competent pharmacy professionals to meet the challenges of 21st century. Keeping in view this perspective, we are determined to prepare pharmacy graduates who can play an effective role in the rational use of drugs, adverse drugs action monitoring, safe and effective drug delivery system, proper storage of drugs, pharmaceutical management and research and development.

Pharmacists play a vital role in the health of their communities in a variety of settings including hospitals, long-term care facilities, hospital pharmacies, community pharmacies, production facilities, research & development, regulatory agencies and within the pharmaceutical industry.

The mission of Shifa College of Pharmaceutical Sciences (SCPS) is to inspire, educate and engage current and future pharmacists in cutting edge research and to lead practice development to serve the education and health sector for the people of Pakistan and the World. In order to achieve our mission, we apply innovative and proven educational

techniques to produce pharmacists who possess the skills and knowledge they need to serve the community in an ethical and professional manner, and make available best possible care for the ailing humanity.

Our prestigious institute is **pioneer** in implementing the **Integrated Contextual Modular Curriculum** among the Pharmacy institutes of Pakistan to meet the international needs. Our academic program is accredited by the *Pharmacy Council of Pakistan (PCP)*, Academic Council of STMU and the *Higher Education Commission (HEC)*. We shall make every effort to develop an excellent learning environment to envision our students unfold their potential, closely interact with the faculty and professionals from the pharmaceutical industry and participate actively in various extracurricular activities.

We remain committed to extending the scope of the profession and preparing tomorrow's leaders to best serve the needs of the nation. I extend warmest welcome to all the new entrants in our undergraduate and/ or postgraduate program and wish you success in all your endeavors for a bright future and career progression.



# Vision

We will be the national leaders in the field of pharmacy education, training, research and services as we are committed to providing a conducive environment to our learners to experience world class teaching, research and practice facilities in a collaborative, interdisciplinary and diverse manner to produce effective and well-trained health care providers.





# Mission

Shifa College of Pharmaceutical Sciences inspires, educates and engages current and future pharmacists in cutting edge research and leads practice development to serve the education and health sector for the people of Pakistan and the World.

The mission of Shifa College of Pharmaceutical Sciences (SCPS) is to contribute towards the health and well-being of the Pakistani nation by providing state-of-the-art teaching, therapeutics related research, patient care training and professional services. We pride ourselves in promoting a culture of respect, equity and inclusion to all the learners irrespective of their gender, ethnic, religious and financial / socioeconomic background.

Shifa College of Pharmaceutical Sciences supports and promotes the larger missions of Shifa Tameer-e-Millat University (STMU), Shifa International Hospitals (SIH), Shifa Foundation and Tameer-e-Millat Foundation.

We believe in **SPREAD**ing our diverse experience through:

**Sharing** our professional expertise with the new generation of pharmacists, policy makers and other health care providers

**Promoting** rational use of medicines by training them in the field of clinical pharmacy practice

**Research** based training programs to reveal and share basic, clinical and translational aspects of pharmaceutical sciences

**Empowering** the in-service pharmacy professionals by providing them continuing pharmacy education and post-graduate training programs

**Aligning** the pharmacy education with the international standards for representing the country at all national and international forums

**Developing** and delivering a unique set of training skills to enable the learners to think critically and grow as pharmacy leaders





# Shifa College of Pharmaceutical Sciences

## A Journey Through Time



# Envisioned Competencies of our Graduates





# Introduction of SCPS

Shifa College of Pharmaceutical Sciences (SCPS) is an academic unit of the Faculty of Pharmaceutical and Allied Health Sciences (FPAHS) and a constituent college of Shifa Tameer-e-Millat University; which is an HEC recognized & Federally chartered University. SCPS, since its inception in 2014, has been expediting state-of-the-art education and training, including campus-based and facility-based laboratory and clinical education in pharmaceutical sciences. It also forms part of the affiliation of the Joint Commission International, USA accredited hospital; the Shifa International Hospitals Ltd., Islamabad. The latter is a unique distinction of being the only national pharmacy institute in Pakistan associated with an internationally accredited hospital.

Located in the heart of the national capital, SCPS is well-positioned innovative center focussed on healthcare that brings education, diagnostics, treatment, research, and commercial applications together. Pharmacy, a lifesaving profession, is an interdisciplinary field which deals with the aspects of pharmacotherapy and formulation development. The pharmacy profession has long-drawn-out significantly in terms of providing professional services and now recognized as a significant profession in the multidisciplinary approach to health care systems.

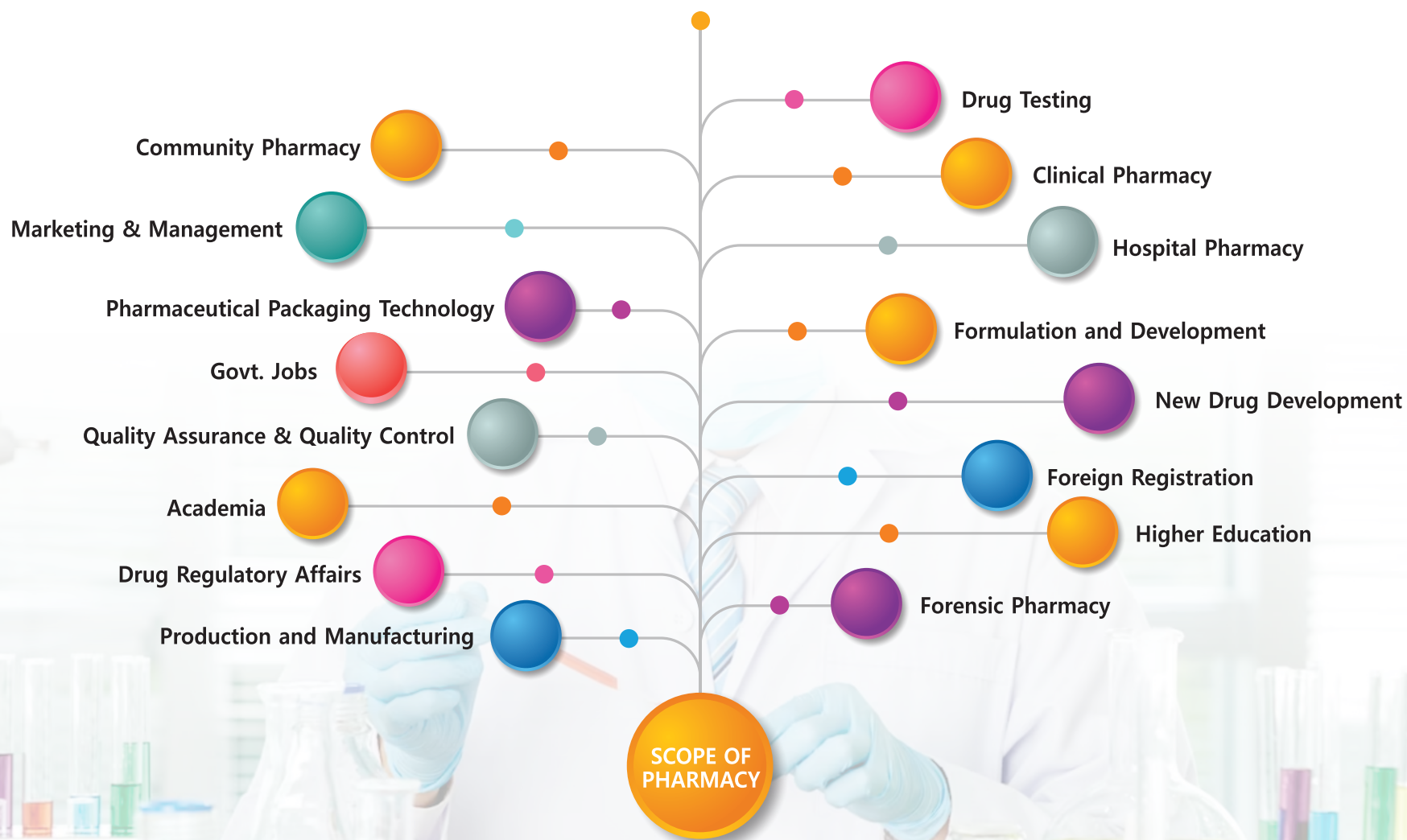
SCPS has developed the Pharm.D. curriculum with an aim to achieve international level competencies among their graduates. This makes SCPS the pioneer and only institute to offer Integrated Contextual Modular Curriculum (ICMC) in Pharmacy education. This curriculum is designed in accordance with ***Objective-based Curriculum Design*** and ***Competency-based Curriculum design***. It is characterized by active learning, critical thinking, integration, flexibility

and innovation. The curriculum content has been devised in a manner to interlink various aspects of objective learning and competencies as per the demand of the stakeholders. Though all the standards set by the traditional curriculum and scheme of studies are complied to; the revision of the Doctor of Pharmacy curriculum is executed in a manner that the SCPS graduates stand out as leaders in pharmacist-led practice-based setting in all sectors of pharmacy profession.

SCPS is also offering postgraduate programs in Pharmacology (Molecular), Clinical Pharmacy Practice and Pharmaceutical Chemistry. These programs are based on innovative research areas, which complement the international standards and market-scope.



# Career Choices





# Salient Features

- SCPS is a constituent College of Shifa Tameer-e-Millat University, a federally chartered, HEC recognized, General Category University.
- Accredited by the Pharmacy Council of Pakistan Vide letter F. No. 2-10/2012-PCP for 5 years Doctor of Pharmacy program.
- Only Pharmacy institute in Pakistan offering Integrated Contextual Modular Curriculum developed in-line with the Pharmacy education standards of USA, UK, Malaysia and Australia.
- Unique privilege to be associated with state-of-the-art, JCI (USA) accredited Shifa International Hospitals Ltd., Islamabad as its teaching hospital for clinical training, attachments, clerkships and internships in line with the global standards.
- Highly qualified and experienced M. Phil and PhD faculty members trained at reputed national and foreign universities.
- Well-placed in the Faculty of Pharmaceutical and Allied Health Sciences (FPAHS) to integrate the role of pharmacy in the health care system along with medical, nursing and allied health sciences.
- Dedicated academic advisorship, student support and career counselling services to train well-groomed pharmacists who can serve as active members of the society.
- Well-designed, purpose-built campus, located in the heart of Islamabad, as per the requirements laid down by Pharmacy Council of Pakistan (PCP).
- Innovative Post-graduate and Doctoral training programs to bridge the gap between basic, clinical and transitional sciences.
- Only pharmacy institute offering post-graduate degree (M.Phil.) in contemporary disciplines of Pharmacology (Molecular) and Clinical Pharmacy Practice approved by Higher Education Commission.
- Research intensive (M.Phil.) and doctoral (Ph.D.) degree programs in the field of Pharmacology and Pharmaceutical Chemistry approved by Higher Education Commission.
- Well stocked libraries and online/e-library access to more than 14,000 books and over a hundred journals.
- Air conditioned Lecture Halls and tutorial rooms equipped with latest audio visual aids.
- Active student societies and clubs for promoting the students' participation in co-curricular and extra-curricular activities.
- Generous financial assistance and academic merit award prizes.
- A spacious off-site facility located on the Park Road, Islamabad for extracurricular activities.



# Department of Basic Medical Sciences

Basic Medical Sciences have always served as the backbone of any undergraduate or graduate program in pharmaceutical sciences. The Basic Medical Sciences department offers its major contribution in various modules, that are horizontally and vertically integrated with other streams.

undergraduate and post-graduate students, develop a challenging Pharm.D. curriculum, design optimal methods for instructing & effectively utilize precious institutional resources. Ever since its establishment, BMS has relentlessly pursued excellence in both teaching and research through delivery of well-designed curriculum and cutting-edge research in the University. The Department strongly focuses on multidisciplinary research and has successfully established collaborative research projects with the clinical departments at Shifa International Hospital.

These modules make the foundation for understanding of the clinical teaching and training. The main objectives of the BMS are to: teach

## FACULTY MEMBERS



**Prof. Dr. Sagheer Ahmed**  
Ph.D., M.Phil., B. Pharm. (R.Ph., Pak)  
Professor  
Head of Department

Dr. Ahmed studied Cardiovascular Pharmacology in MPhil and PhD. For his postdoctoral studies, he chose neuropharmacology which he explored for three years. Dr. Ahmed has over 25 years of teaching, research and professional experience in the field of Neuroscience & Pharmacology. Besides his research achievements (9 patents, 89 publications, 1529 citations, h-index 21, I-10 index 40, e-index 33, g-index 36), Dr. Ahmed has the training and experience of facilitating problem-based learning (PBL) in both Harvard style (From Aga Khan University) and Maastricht styles (from University of Brunei Darussalam). His primary research interests include Personalized Medicine and Pharmacogenetics and his research work in this area has led to four patents. Recently, in a list of the most productive scientists by Pakistan Council of Science & Technology, Dr. Ahmed was ranked 2nd in the field of Pharmaceutical Sciences in Pakistan. He is a member of the British Pharmacological Society, American Society for Pharmacology & Experimental Therapeutics and of International Brain Research Organization, France. He is registered as a category 'A' pharmacist with Pharmacy Council of Pakistan since 2003. He is also a reviewer of many international scientific journals.





**Prof. Dr. Mustafeez Mujtaba Babar**

Ph.D., M.Phil., M.Sc., Pharm.D. (R.Ph., Pak.)

Professor

Advisor Student Affairs

Program Director (ICMC-Pharm.D.)

Dr. Babar is an interdisciplinary researcher focused on bridging the gap between basic, applied and clinical sciences. Trained as a clinical pharmacist during his Pharm.D. Program, he later equipped himself with research tools of pharmacology, virology and microbiology, medicinal chemistry, plant biotechnology, materials engineering and pharmacoinformatic during his post-graduate and post-doctoral training years at National University of Sciences and Technology (Pakistan), Stanford University School of Medicine (USA) and Johns Hopkins University (USA). Owing to his diverse training and experience, his research interests incorporate all the areas of drug discovery and development process. He is certified by the Society of Infectious Diseases Pharmacists, USA in Antimicrobial Stewardship for Acute Care. Dr. Babar has been trained in curriculum design

and development, instructional and assessment strategies and evaluation. He holds a M.Sc. in Clinical Education from The University of Edinburgh (Edinburgh, UK) and is certified in Medical Education (Assessment) by the Association for Medical Education in Europe (Dundee, UK). He has been involved in the designing, development, implementation and monitoring of curricula of various degree programs including Doctor of Pharmacy (conventional and Integrated Contextual Modular Curriculum), BS Biosciences (Microbiology and Biotechnology), BS Biomedical Engineering, MPhil Clinical Pharmacy Practice, MPhil Pharmacology, MS Applied Biosciences and PhD Pharmacy. Based on his contribution to the academic development of SCPS and pedagogical methods, he was awarded the best University Teacher Award from among 300 faculty members as per HEC criteria. Dr. Babar has contributed to more than 50 scientific manuscripts published in journals and books with publishers of international repute including Nature Publishing Group, Springer, Elsevier and John Wiley & Sons. He is a registered member/ affiliate of several professional bodies. He also serves as an editorial board member and examiner at many national and international functionalities.



**Dr. Irfan Anjum**

Ph.D., M.Phil., Pharm.D. (R.Ph., Pak)

Assistant Professor

Dr. Anjum is currently working as an Assistant Professor of Pharmacology at Shifa College of Pharmaceutical Sciences, Shifa Tameer-e-Millat University, Islamabad. He has served at Faculty of Pharmacy, The University of Lahore, Lahore for more than five years. He has supervised one Ph.D. and 12 M. Phil. students successfully. He has published more than 40 research papers in national and international journals. He has 10 years of experience of research and teaching undergraduate and postgraduate students. He won Cultural Exchange Scholarship offered by Higher Education Commission of Pakistan in 2011 and perused his Ph.D. studies at Hachette University, Ankara, Turkey. His area of research includes inflammation, oxidative stress, calcium sensitization and smooth muscle contraction mechanisms. He is expert in handling myograph and tissue organ bath.



**Dr. Faiza Naseer**

Ph.D., M.Phil., Pharm.D. (R.Ph., Pak.)  
Assistant Professor

Dr. Faiza Naseer is a distinguished Registered Pharmacist and accomplished academician with a Ph.D. in Applied Biosciences from NUST, specializing in molecular pharmacology, targeted drug delivery, and cancer therapeutics. With over 14 years of professional experience, she currently serves as the Head of the Department of Biosciences and an Assistant Professor at Shifa Tameer-e-Millat University, Islamabad. Dr. Naseer has an extensive publication record with a cumulative impact factor of over 300 and significant contributions in nanomedicine, immunotherapy, and phytopharmacology. Her research has garnered international recognition, and she actively collaborates with renowned institutions such as NUST University and NIH Pakistan as well as King AbdulAziz University, Saudi Arabia.



**Dr. Mehreen Arif**

Ph.D., M.Phil., Pharm.D. (R.Ph., Pak)  
Assistant Professor

Dr. Arif is currently serving as Assistant Professor of Pharmacology at Shifa College of Pharmaceutical Sciences, Shifa Tameer-e-Millat University, Islamabad. She has served at Department of Pharmacy, Women Institute of Learning Abbottabad, for more than 11 years. She did her Doctor of Pharmacy from Women Institute of Learning Abbottabad affiliated with university of Peshawar with distinction. She did her masters from COMSATS University Islamabad, Abbottabad Campus. During her MS she has explored the pharmacological potential of drugs in vincristine induced neuropathic pain. She has done PhD in neuropharmacology focusing on cognitive neuroscience and have published more than 16 publications in national and international journals. She is also skilled in developing animal models for pain, cognitive impairment, dependence and withdrawal, Tourette

syndrome, Stress, Psychosis, Hepatotoxicity, Inflammation, Epilepsy, Pruritus, Pyrexia, Diarrhea, Burn, migraine, Toxicity studies and Dose optimization. She is skilled for number of behavioral evaluation models as well as brain excision. She has also hands on experience in neurotraumatic evaluation in brain areas. She is a passionate researcher and believes in motivation, determination, hard work, teamwork, and continuous efforts towards achieving excellence. She worked as a reviewer for many National and International journals. Her keen interests are in the field of neuroscience.





**Dr. Damin Abbas Hamdani**

M.Phil., Pharm.D. (R.Ph., Pak.)  
Lecturer and Ph.D. Scholar

Dr. Hamdani graduated as a Doctor of Pharmacy from Hamdard University, Karachi. He has worked as a hospital pharmacist at Ali Medical Center, Islamabad, before moving to the academics. He is currently working in the field of microbiology, infectious disease and drug development. His research interests are in the field of phage therapy, health system research, nanotechnology and clinical pharmacy of infectious disease. He has contributed to 5 international publications.

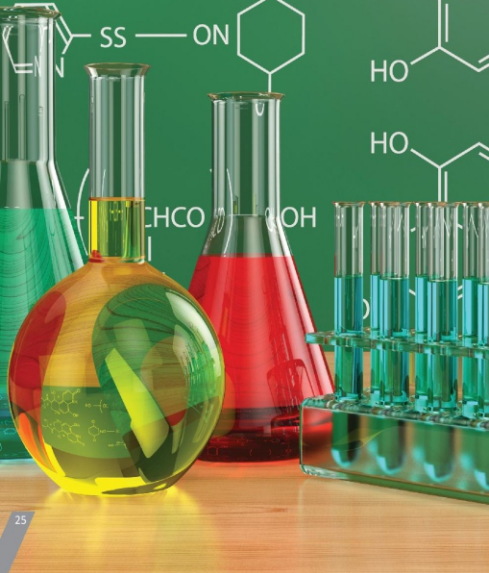


**Dr. Halima Usman**

M.Phil., Pharm.D. (R.Ph., Pak.)  
Lecturer and Ph.D. Scholar

Dr. Usman is a dedicated lecturer in the Department of Basic Medical Sciences. She earned her Doctor of Pharmacy (Pharm.D.) degree from the esteemed College of Pharmacy at Punjab University in Lahore. With nearly eleven years of professional experience, Dr. Usman's journey began as a community pharmacist, where she developed her skills in patient care and medication management. She then transitioned to a hospital pharmacy setting, further broadening her expertise. Committed to continuous learning, she pursued her M.Phil. at Riphah International University in Islamabad, earning scholarships throughout both her undergraduate and postgraduate studies—a true testament to her hard work and commitment to excellence. An active researcher, Dr. Usman has made her mark with numerous publications in national and international peer-reviewed journals, focusing primarily on neurodegenerative diseases. She is skilled in various molecular techniques, including ELISA, qPCR, and immunohistochemistry, and is

currently working towards her doctorate, with her research specifically targeting Alzheimer's disease. Through her teaching and research, Dr. Usman is making a meaningful impact in the fields of pharmacology and neurodegenerative research.



# Department of Pharmaceutical Chemistry

The Department of Pharmaceutical Chemistry offers its valuable contribution throughout the Pharm.D. program by teaching various modules that help in integrating the core concept of pure and applied chemistry with reference to Biomolecules, Metabolism, Pharmacokinetics and Pharmacodynamics

and Drug testing and analysis. Together these modules provide the future pharmacists a solid background in;

(a) fundamental of organic chemistry and its application in synthesis of

complex drug molecules and their role in Pharmacotherapy,

(b) tools and techniques required to analyze drug molecules during drug development, production and quality control with special reference to formulation design and development,

(c) understanding biomolecules and their role in health and disease,

(d) understanding the structure-activity relationship (SAR) of major classes of therapeutic agents.

With the disposal of hard-working and talented faculty in the department, its next focus is to start post-graduate program in Pharmaceutical Chemistry.

## FACULTY MEMBERS



**Dr. Madiha Ahmed**  
Ph.D., M.Phil., Pharm.D. (R.Ph., Pak)  
Associate Professor  
Head of Department

Dr. Ahmed did her Doctor of Pharmacy from the University of Karachi and M.Phil. in Biochemistry from Quaid-i-Azam University (Pak), Islamabad. She enrolled in the PhD program at QAU and carried out her research in the field of natural product Chemistry at QAU and the prestigious University of Sydney, Australia. Her current research interests are in the field of drug discovery and development with a focus on isolation and characterization of drug leads from medicinal plants and the development of their synthetic derivatives. Dr. Ahmed holds an International Certificate in university teaching from the University of Liverpool, United Kingdom. She also holds a Post-Graduate Diploma in Clinical Education from The University of Edinburgh (Edinburgh, UK). She has been involved in curriculum design and development for the past several years. She recently contributed to the development and implementation of Integrated Contextual Modular Curriculum for the Doctor of Pharmacy program which aims to prepare practice-ready pharmacists who can positively contribute to the improvement of the health of the general public. Her contribution to the academic development of SCPS led her to be recipient of the best University Teacher award (2021-2022) from among 300 faculty members of STMU, as per HEC criteria. She has published several articles in various high-impact national and international journals. She has also been serving as a reviewer for many journals as well.



**Prof. Dr. Tausif A. Rajput**

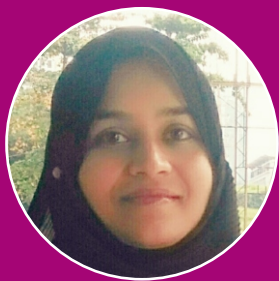
Ph.D., M.Phil., B. Pharm (R.Ph., Pak.)  
Professor  
Dean Faculty of Pharmaceutics and  
Allied Health Sciences

Dr. Tausif Ahmed Rajput is a Professor of Pharmaceutical Chemistry, Principal of Shifa College of Pharmaceutical Sciences and Dean Faculty of Pharmaceutical and Allied Health Sciences. In his current position, he is leading a multi-disciplinary faculty of over 100 academic and administrative staff members and nearly 1,100 students. His deanship is primarily focused on ensuring the adherence of all academic programs to university regulations, establishment and promotion of research culture, and instituting and enhancing the interdisciplinary coordination to achieve the greater aims of SPCS and STMU. Prof. Rajput is one of the pioneers in introducing Integrated Contextual Modular Curriculum at several educational institutes. He has been involved in the development, implementation and monitoring of the ICMC at NUST and STMU.

Prof. Dr. Tausif A. Rajput Ph.D., M.Phil., B. Pharm (R.Ph., Pak.) Professor Dean Faculty of Pharmaceutics and Allied Health Sciences MBBS, Pharm-D and BDS programs. Under his leadership, the curriculum of PharmD was revised for the first time in 60 years to meet the international standards of the pharmacy profession. Before his tenure at STMU, Prof. Rajput has been involved in establishing and managing pharmaceutical, research, production and education institutions. At a very young age, he co-established a pharmaceutical manufacturing unit and successfully registered 28 products for manufacturing by way of the formulation. Prof. Rajput also devotedly contributed to setting up and smooth running of high-tech genetics research laboratory; Center for Research in Experimental and Applied Medicine (CREAM) at the prestigious National University of Sciences and Technology (NUST). He has also served as the Dean, Margalla College of Pharmacy, Margalla Institute of Health Sciences, Rawalpindi. Currently, he is serving as an Advisor on Academic and Human Resource Management Development for National Medicine Policy 2019 under the purview of Ministry of National Health Regulation and Coordination to contribute to the national cause of improvement in professional health education. Dr Rajput is also the Member of Scientific Journal Review and Recognition

Committee of Higher Education Commission (HEC), Pakistan. As the Managing Editor of Journal of Shifa Tameer-e-Milat University (JSTMU), he has successfully launched and published three volumes of the journal. In addition to his outstanding contribution to education management, Prof. Rajput kept a balance of his academic and research activities. After completing his B. Pharm. from Bahauddin Zakariya University, Multan and getting registered as a category 'A' pharmacist with the Pharmacy Council of Pakistan (PCP), he continued his higher studies and earned M. Phil in Pharmaceutical Chemistry from the same University. Being a strong supporter of the integration of interdisciplinary research, he then pursued his PhD in Biochemistry (Specialization: Pharmacogenetics and Molecular Biology) from NUST. His research and academic work have been profiled in some of the leading National and International journals and conferences. With a strong research profile and being an HEC approved PhD supervisor, he has supervised/ Cosupervised 42 M.Phil., FCPS and PhD trainees. He has contributed to more than 50 original research and academic publications. He is also a member of several editorial boards, examination bodies and grant review panels.





**Dr. Bushra Naureen**

Ph.D., M.Phil., Pharm.D. (R.Ph., Pak.)  
Assistant Professor

Dr. Naureen is an Assistant Professor at Department of Pharmaceutical Chemistry, SCPS, STMU, Islamabad. She did her Doctor of Pharmacy from University of Sargodha and M. Phil from Riphah International University, Islamabad. During her M. Phil she explored coordination chemistry. Her research work includes studies on novel Schiff bases, and tetrahydro asbenzoyl isoquinoline alkaloid derivatives, along with their iron (III) and zinc (II) metal complex formation. She has an international research experience as a research officer and Ph.D. from University of Malaya (UM) Malaysia, which is among world top hundred universities. During Ph.D. her research was focused on synthesis and characterization of polypropylene fumarate and poly[(R)-3 hydroxybutyrate]- based degradable polyurethane scaffolds for tissue engineering applications specifically for muscle regeneration (C2C12 myoblast cell line). She is

a passionate researcher and believes in motivation, determination, hard work, teamwork, and continuous efforts towards achieving excellence. Her areas of research expertise include pharmaceutical, medicinal, polymer, synthetic, organometallic and coordination chemistry, as well as tissue engineering and regenerative medicine. She has several research publications in high impact National and International journals including invited reviews. She worked as a reviewer for many National and International journals. She is also experienced in module design and laboratory manual design, viva conduction, member of board of faculty (BOF), member of board of studies (BOS), class advisor, social action project (SAP) advisor, Quality assurance representative, and as an invited speaker for conducting seminars and workshops.



**Dr. Fawad Naeem**

M.Phil., M.B.A., B.Pharm., (R.Ph., Pak.)  
Senior Lecturer and Ph.D. Scholar

Dr. Naeem is serving as a Senior Lecturer in Shifa College of Pharmaceutical Sciences. He did his graduation in Pharmacy from Bahauddin Zakariya University, Multan. There are two master's degrees to his credit which include M.Phil Pharmaceutical Chemistry Master of Business Administration (Marketing). During his M.Phil research, he worked on the synthesis of thiazolidinedione derivatives and the testing of their antidiabetic activity. Currently, he is performing his duties in the Department of Pharmaceutical Chemistry. He is involved to pursue and establish an independent and high quality teaching program; to design and deliver a range of teaching materials and undertake student assessment activities; to engage in relevant professional and knowledge exchange activities; and to carry out the administrative tasks. He is also currently enrolled in Ph.D. (Pharmaceutical Chemistry).



**Dr. Aisha Altaf**  
M.Phil., Pharm.D. (R.Ph. Pak.)  
Senior Lecturer

Dr. Altaf is a dynamic Senior Lecturer and MHPE Scholar with a robust background in Pharmaceutical Sciences, encompassing computational chemistry, enzymatic assays, and the generation of animal models for learning and memory, particularly in Alzheimer's disease research. With extensive experience teaching undergraduate (both conventional and integrated systems) and postgraduate programs, her international exposure through a DAAD exchange program in Germany has enriched her interdisciplinary research approach. Dr. Altaf supervises M.Phil. Pharmaceutical Chemistry students, coordinates the Office of Student Engagement and Participation (OSEP), and serves as Editor-in-Chief of SCPS magazine, Yashfeen. She is also a pivotal member of the Quality Enhancement Cell (QEC) for M.Phil. and Ph.D. programs, contributing to their continuous improvement and accreditation.



**Dr. M. Kazim Zargaham**  
M.Phil., Pharm.D., (R.Ph., Pak.)  
Lecturer and Ph.D. Scholar

Dr. Zargaham is a lecturer in the Department of Pharmaceutical Chemistry. He has done his graduation in Doctor of Pharmacy from the University of Lahore and was awarded Chancellor Gold Medal. He also received the Chancellor Gold Medal in his M.Phil. (Pharmaceutical Chemistry) from Riphah International University, Islamabad. His research contribution includes research and review papers as well as book chapters at the international level. His research focuses on drug discovery, organic synthesis, and bioinformatics, with a current emphasis on designing and synthesizing coumarin derivatives as potential neuroprotective agents.



**Dr. Tanya Waseem**  
M.Phil., Pharm.D. (R.Ph., Pak.)  
Lecturer and Ph.D. Scholar

Dr. Waseem is a committed academic and researcher in the field of pharmaceutical chemistry. She holds a Doctor of Pharmacy degree from Margalla Institute of Health Sciences (affiliated with the University of Sargodha) and an M.Phil. in Pharmaceutical Chemistry from Quaid-e-Azam University, Islamabad. Throughout her academic journey, she has consistently demonstrated excellence, securing top positions and earning gold medals in recognition of her achievements. Currently pursuing her PhD at Shifa Tameer-e-Millat University, Dr. Waseem is engaged in cutting-edge research focusing on the synthesis and biological evaluation of heterocyclic compounds with potential anti-diabetic activity. Her work particularly explores the oxidative and inflammatory pathways involved in diabetes, aiming to develop novel therapeutic candidates with enhanced efficacy and safety profiles. In parallel with her

laboratory research, she has developed a strong foundation in computational chemistry, employing tools such as molecular docking, molecular dynamics simulations, and Computer-Aided Drug Design (CADD) to model drug–target interactions and optimize lead compounds. In addition to her computational expertise, Dr. Waseem specializes in synthetic and medicinal chemistry, with a focus on the development of novel scaffolds using transition metal-catalyzed coupling reactions. Her integrated approach; merging in-silico design with advanced synthetic techniques, supports the discovery of innovative drug candidates. She has contributed to national and international research collaborations and publications, and her interests span structure-based drug design, analytical method development, and pharmaceutical education.



**Dr. Usman Shareef**  
M.Phil., Pharm.D. (R.Ph., Pak.)  
Lecturer

Dr. Shareef earned his Doctor of Pharmacy (Pharm.D.) from Riphah International University, Islamabad, where he was awarded the prestigious Zulfiqar Gold Medal for academic excellence. During his studies, he actively contributed to various research projects, including Computer-Aided Drug Design (CADD), survey-based evaluations, and antimicrobial assessments. Following his graduation, Dr. Shareef pursued a career in academia, starting as an intern at Riphah International University, Islamabad. His dedication and research aptitude led to his appointment as a Junior Lecturer at the same institution. Seeking further academic and professional growth, he later joined Shifa Tameer-e-Millat University (SCPS), Islamabad, as an Instructor. During this time, he also engaged in research on green synthesis of metal nanoparticles, further broadening his expertise in pharmaceutical chemistry. Dr.

Shareef completed his M.Phil. in Pharmaceutical Chemistry, focusing his research on "Pharmacophore Modelling and Synthesis of Potential BACE-1 Inhibitors as Anti-Alzheimer Agents." His work emphasized computational approaches to drug discovery, particularly in neurodegenerative diseases. After completing his M.Phil., he was appointed as a Lecturer in the Department of Pharmaceutical Chemistry at Shifa Tameer-e-Millat University.

With expertise in computational techniques for drug design and discovery, Dr. Shareef specializes in molecular docking, pharmacophore modeling, and in silico screening for novel drug candidates. His passion for research and innovation continues to drive his academic pursuits, making significant contributions to the field of pharmaceutical chemistry.





# Department of Pharmaceutics

Pharmaceutics is one of the major departments of Shifa College of Pharmaceutical Sciences. The department offers courses spread from Foundation year till the semester year of Doctor of Pharmacy Program. Pharmaceutics is about an applied science encompassing drug discovery, physical and chemical

characterization, dosage form designing, formulation development, prototype and industrial manufacturing, quality control analysis and evaluation, approaches to drug delivery and disposition, while being

used safely and effectively by patients. We offer a training environment that includes cutting edge laboratory instrumentation and technologies, experienced and devoted teachers, and knowledgeable staff. We aim to promote the development of safe and high-quality products through teaching different modules integrated horizontally and vertically with other streams of the Pharm.D. program. Our zealous faculty bring together expertise in physical Pharmacy, dosage forms science, biopharmaceutics, bioanalysis, drug metabolism, drug transport, drug formulation, industrial manufacturing and development of novel drug delivery systems to support our educational and research missions.

## FACULTY MEMBERS



**Dr. Atif Sarwar**

M.Phil., CQP (NUST), B.Pharm. (R.Ph., Pak.)  
Assistant Professor and Ph.D. Scholar  
In-Charge Pharmaceutics Department  
Head Exam Cell

Dr. Sarwar has been working as Assistant Professor and In-charge Department of Pharmaceutics at Shifa College of Pharmaceutical Sciences, Shifa Tamer-e-Millat University, Islamabad. He is a B.Pharm and an M.Phil (Pharmaceutics). Currently, he is awaiting his final Ph.D. defense of thesis from UKM, Malaysia where he worked on the development of targeted drug delivery systems. He has vast experience of 19 years in pharmaceutical manufacturing and academics, with expertise in pharmaceutical technology, quality control and novel drug delivery systems. He has earned his professional diploma certification in quality management from Pakistan Quality Certification Board (PQCB). Dr. Sarwar is serving as a member of the District Quality Control Board (DQCB) as well. He has done significant research work and published several quality international papers. He has also co-supervised many postgraduate students and is also performing the additional responsibilities as Head Exam Cell (Annex campus) and Head Examination Committee SCPS.



**Dr. Rashid Ali Khan**  
M.Phil., Pharm.D., (R.Ph., Pak)  
Senior Lecturer and Ph.D. Scholar

Dr. Khan obtained his Doctor of Pharmacy (Pharm.D.) from Riphah International University Islamabad in the year of 2013 and M.Phil. Pharmaceutics in the year 2017. He has work experience in I S O certified pharmaceutical company and has been working as Senior Lecturer at Shifa College of Pharmaceutical Sciences since 2015. His area of interest in research is dosage form design and novel drug delivery systems. He has developed an improved dosage form of poor water-soluble Ebastine using the hydrotropic phenomenon of solubilization. He is Recently working on solubility enhancement of BCS-II drug by co-crystallization along with dosage form development for probiotics of Pakistan origin.



**Dr. Rabia Gul**  
Ph.D. M.Phil., Pharm.D., (R.Ph., Pak.)  
Senior Lecturer

Dr. Rabia Gul completed her Pharm.D. with a Gold Medal distinction from Hamdard University, Karachi, and went on to earn an M.Phil. in Pharmaceutics with a Merit-Based Fellowship at Quaid-i-Azam University, Islamabad. She later obtained her Ph.D. in Pharmaceutics from COMSATS University Islamabad, Abbottabad Campus. She has professional experience in the pharmaceutical industry, with expertise in quality control analysis of dosage forms and raw materials, method validation, and SOP design. Her research expertise lies in nanomedicine, formulation development, and in-vitro/ex-vivo drug release studies. Currently, her research interests focus on formulation development, nanomedicine, biocompatible polymers, exosomes, transdermal drug delivery systems, and the sustainable development of novel

pharmaceutical formulations. Dr. Gul has published multiple peer-reviewed articles in leading international journals, reflecting her dedication to advancing pharmaceutical science and practice. She has also been recognized for her commitment to promoting diversity and excellence in science through the prestigious Scholarship Supporting Women in Science awarded by the Institute for Global Health and Development. Her dedication to teaching excellence is demonstrated by her attainment of the International Certificate in University Teaching (ICUT) in 2019. She is also committed to lifelong learning and professional growth, completing several notable international programs, including the “Research to Publication” course by BMJ and UCSF (200 CPD/CME hours, 2023), “Global Child Health 2023” by the University of Toronto in collaboration with Aga Khan University, and “Sustainable Development – Interdisciplinary Approaches 2023” by Aga Khan University. Additionally, she has undertaken advanced training in systematic research methods through the “Introduction to Systematic Review and Meta-Analysis” course organized by Johns Hopkins University.





**Dr. Wajeeha Khalid**  
M.Phil., Pharm.D. (R.Ph., Pak)  
Lecturer and Ph.D. Scholar

Dr. Khalid has been working as Lecturer at Shifa College of Pharmaceutical Sciences, Shifa Tameer-e-Millat University, Islamabad. Dr. Khalid did her Pharm.D. and M.Phil. (Pharmaceutics) from the University of Lahore. Recognized for her academic excellence, Dr. Khalid was honored with the Chancellor silver medal during her Pharm.D. studies and received the gold medal for her M.Phil. research. With over 12.5 years of professional experience in both ISO certified pharmaceutical manufacturing and academia, Dr. Khalid brings a wealth of knowledge and expertise to her role. Throughout her career, Dr. Khalid has demonstrated a commitment to advancing pharmaceutical sciences through research and publication. She has made significant contributions to various research publications in international journals, with a particular focus on bridging

the gap between industry and academia. Dr. Khalid research interests lie in the areas of extracellular vesicles, formulation development, Nano medicine, and drug release studies, where she seeks to innovate and address emerging challenges in pharmaceutical science. Currently, Dr. Khalid is pursuing her doctorate (PhD) in Pharmaceutics at COMSATS University, furthering her research endeavors and contributing to the advancement of the field. With her dedication to academic excellence and a passion for research, Dr. Khalid continues to make valuable contributions to the pharmaceutical industry and academia alike.



**Dr. Bazla Siddiqui**  
Ph.D., M.Phil., Pharm-D. (QAU.)  
Assistant Professor

Dr. Bazla is a distinguished pharmacist, researcher, and academic, renowned for her expertise in Pharmaceutical Sciences. She holds a Pharm.D., M.Phil., and Ph.D. from the esteemed Quaid-i-Azam University, Islamabad. Her academic excellence has been recognized through merit-based fellowships during her M.Phil. and the prestigious Higher Education Commission (HEC) Indigenous Scholarship for her Ph.D. Currently, Dr. Bazla serves as an Assistant Professor in the Department of Pharmaceutics at Shifa College of Pharmaceutical Sciences, Shifa Tameer-e-Millat University, Islamabad. Her extensive teaching experience includes previous roles as a Lecturer at Abasyn University, Islamabad Campus, and Senior Lecturer at the National Excellence Institute, where she has played a pivotal role in mentoring future pharmaceutical professionals.



# Department of Pharmacognosy

The department of Pharmacognosy at the Shifa College of Pharmaceutical Sciences aims at development of Pharmacist capable of understanding the role of natural products in Complementary and Alternative Medicine. We are focused at teaching about the incorporation of herbal based medicine along with addressing the

development. The contents covered during the Pharm.D. program involve study of crude drugs, extraction of natural products, major classes of plant secondary metabolites, therapeutic uses of herbs and clinical pharmacognosy.

role of plant biology and natural product chemistry in formulation

## FACULTY MEMBERS



**Dr. Hafiz Abdul Rafey**  
Ph.D., M.Phil., Pharm.D. (R.Ph. Pak)  
Assistant Professor  
In-Charge Department of  
Pharmacognosy

Dr. Hafiz A. Rafey is proficient in natural products research and currently working as In-Charge department of Pharmacognosy. Dr. Rafey completed his PhD from Natural products research lab, faculty of pharmacy, Gomal University Dera Ismail Khan. Dr. Rafey's working domain revolves around multidisciplinary approach aiming at advancing the field of pharmaceutical sciences and bridging the pharmaceutical biology with applied sciences. The research areas include Isolation, purification and pharmacological evaluation of bioactive compounds of natural origin. He has hands on expertise on Phytochemical screening, Bioassays including Enzyme kinetics and inhibition studies and utilizing various characterization techniques. Employing integrated In-Silico, In-vitro as well as In-Vivo experimentation models are the considered features that value to his profile. The recent focus is on functional foods and medicinal plants-finding a lead of natural origin with significant antidiabetic, antiglycation as well anti-inflammatory characteristics. Dr. Rafey also holds post-graduate Certificate in Bioinformatics and Clinical nutrition. His research contribution to the herbal formulation for the Gouty Arthritis and Cutaneous Leishmaniasis are remarkable. He has published more than 30 research articles in peer reviewed international journals. He actively serves as a reviewer and examiner in numerous national and international engagements.





**Dr. Omer Farooq**  
M.Phil., B.Pharm. (R.Ph., Pak.)  
Senior Lecturer and Ph.D. Scholar

Dr. Farooq has practical experience in different domains of pharmacy. He has vast experience in the field of retail pharmacy, hospital pharmacy and academic pharmacy. His research interests include the in silico, in vitro and in vivo screening of phytochemicals. He completed his M.Phil. Pharmaceutical Chemistry program from Riphah International University, Islamabad and is worked on the pharmacogenetic approaches to establish the role of prostatic derivatives in HIV latency by applying computational biology techniques. Dr. Farooq is currently pursuing PhD Pharmaceutical Chemistry from Riphah International University.



**Dr. Syed Haroon Hussain**  
M.Phil., Pharm.D. (R.Ph., Pak.)  
Lecturer

Dr. Syed Haroon Hussain is a Lecturer in SCPS, known for his unique combination of experiences in clinical and research expertise. He has made significant contribution as a research associate on different projects funded by the Higher Education commission (HEC). During his Master research, Dr. Hussain successfully established various animal models for learning and memory related to Alzheimer's disease. Dr. Hussain research interest are focused on conducting pharmacogenetic evaluations and exploring the potential therapeutic effects of synthetic extracts on neurodegenerative disorders. He also delivers into the fields of neuropharmacology, cognition and neuroscience. With a keen interest in understanding the intricate working of the brain, Dr. Hussain is dedicated to contributing to the advancement of knowledge in these areas. With his research experience, Dr. Hussain brings a unique perspective to his academic endeavors.





# Department of Pharmacy Practice

Pharmacy Practice teaches the elements of pharmacy which focus on delivering quality person-centred healthcare. Pharmacy Practice is a dynamic and innovative department with the main objective, to provide the student with a platform of knowledge and experience, so that they are confident to support patients

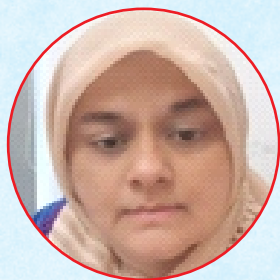
in their therapeutic use and to make clinical decisions for achieving definite patient outcomes.

Through our affiliation with Shifa International Hospital (SIH), we are in the unique position of providing our pharmacy undergraduates with direct exposure and experience to patients and healthcare professionals.

Pharmacy undergraduates have the opportunity to engage in educational visits as part of their learning experience at Shifa International Hospital (SIH).

The department offers integration practice modules starting from freshman year where the learner will have the opportunity to visit and experience hands-on training at various practice premises such as hospital, retail, community and clinical specialties with the emphasis on teaching and demonstrating quality pharmaceutical care. The department of Pharmacy Practice is involved in the hospital internship program extending from Sophomore year to Senior year to further enhance their experience and gain a solid insight of the role of Pharmacist in the health care system.

## FACULTY MEMBERS



**Prof. Dr. Shazia Jamshed**  
Ph.D., MPhil., BPharm., (R.Ph., Pak.)  
Fellow Royal Society of Public Health (FRSPH)  
Professor  
Head of Department Pharmacy Practice

Dr. Jamshed did her Ph.D. in Pharmacy Practice in 2011 from University Sains Malaysia. Prior, she completed her Bachelors in Pharmacy and Master of Philosophy Pharmacology from the University of Karachi, Pakistan. Since 2007 onwards she is involved in teaching and guiding research students. She worked as research fellow in USM from 2008-2011 where she mentored undergraduate research students in Pharmacoepidemiology, Pharmaceutical Marketing, Evidence-Based Medicine, (EBM) Drug Utilization Review, public health pharmacy, generic medicine substitution, and Biostatistics. She was actively involved in guiding final year students for their qualitative research work afterwards. She joined International Medical University, Malaysia as Lecturer, Pharmacy Practice. At IMU she was involved in conducting Professional Skill Development (PSD) and Objective Structured Clinical Examination (OSCE). She was the module coordinator for Clinical Pharmacy and Hospital coordinator. From 2012 to 2020 she served as Assistant Professor International Islamic University Malaysia and coordinated OSCE followed by the initiation of Home Medication Review Program for final year students. For the last 8 years she was fulfilling the role



of Clinical Preceptor in Gastrointestinal, cardiovascular, Renal and Dermatological Clerkships with final year pharmacy program. She worked as Associate Professor, Clinical Pharmacy and Practice, University Sultan Zainal Abidin Malaysia and was actively involved in curriculum mapping, OBE system and coordination of Pharmacoinformatic course. She also served as Networking Coordinator, External Linkages from 2020 to 2021 and won laurels of international collaboration for the university both in terms of publications and grants. Recently she served as volunteer pharmacist Immunization Program, Malaysia in 2021. In terms of research skills, she outclassed significantly in research arena and published more than 100 research and review papers in internationally recognized peer review journals with good impact factors. Besides her peer reviewing responsibilities, she is still associated with different international journals in the capacity of Section editor and Associate editor and Editorial Board Member like BMC Health Services Research, Nature Scientific Reports, Perspectives in Public Health. In the paradigm of book chapter writing, she wrote 6 book chapters on topics of Social Pharmacy (Elsevier-India), Intellectual property right and access to Medicines (Palgrave MacMillan), and Pharmacy Education and Practice in Pakistan (Elsevier-USA), Medication Therapy Management. One of the chapters recently published in Encyclopedia of Clinical Pharmacy and Pharmacy Practice encompass the role of pharmacists in multiple sclerosis.



**Dr. Sidra Noor**  
Ph.D., Pharm.D. (R.Ph., Pakistan)  
Assistant Professor

Dr. Sidra Noor is one of the young academicians

and pioneer researcher in the field of Clinical Pharmacy Practice. She did her Doctor of Philosophy in Clinical Pharmacy Practice and Doctor of Pharmacy from the University of Peshawar, Peshawar, Pakistan. During her professional career, she has served different institutes such as Abasyn University Islamabad, COMSATS University Islamabad, Abbottabad campus, Khyber Teaching Hospital, Peshawar and Hayatabad Medical Complex, Peshawar. Approximately having six years of teaching and ten years of hospital research experience in both public and private sector institutions, she has been actively involved in streamlining and supervision of clinical clerkship training of Pharm-D as well as

M.Phil. Pharmacy Practice programs. So far, she has supervised few M.Phil. scholars and published 17 research publications in international journals of well-established publishers such as Springer, Elsevier, and Wiley. She has a total impact factor of approximately 38. She also published book chapters in well reputed international e-books of Elsevier. Her research interests include drug-drug interactions, pharmacovigilance, infectious diseases surveillance, management and prevention of non-communicable diseases, as well as medication errors and patient safety. Further, she is well trained in conducting quantitative and qualitative research, research analysis tools such as SPSS, and Micromedex

Drug-Reax. She has an experience of dealing, managing and analyzing patients' data maintained in different tertiary care hospitals of Pakistan. She also serves as a reviewer and examiner at many national and international functionalities.



**Dr. Zirwa Asim**

M.Phil., Pharm.D., (R.Ph., Pak.)  
Lecturer and Ph.D. Scholar

Dr. Asim has done her Pharm.D. from Punjab University, Lahore in 2012. She pursued her M.Phil. in Pharmacy Practice from Hamdard University, Karachi in 2017 and topped in her class. She has worked in Novamed Pharmaceuticals, Lahore as Quality Control Officer and in Amson Vaccines and Pharmaceuticals as Production Officer. During the M.Phil., her research focused on the assessment of postpartum depression and quality of life after different modes of delivery in women in Pakistan. Her future endeavours include promoting patient health through effective counselling, providing awareness to the general public regarding the irrational use of medicines and strengthening the healthcare system through effective education and training of future pharmacists.



**Dr. Fatima Balquis**

M.Phil., Pharm.D. (R.Ph., Pak.)  
Lecturer

Dr. Balquis has done Doctor of Pharmacy (Pharm.D) from Gomal University, Dera Ismail Khan, in 2014, followed by an M.Phil in Pharmacy Practice from Quaid-i-Azam University (QAU), Islamabad, in 2017. In M.Phil research her focused on identifying potential and weak links in the management of tuberculosis by Pakistani private pharmacy staff. She is currently conducting research on the role of private pharmacies in mitigating the burden of resistant tuberculosis (TB) in Pakistan, with a broader interest in antibiotic stewardship and resistance. Her work focuses on developing and evaluating strategies to optimize antimicrobial use and address the growing threat of antimicrobial resistance, particularly through the engagement of community pharmacy services. She has practical experience in community pharmacy



and also served at Khyber Teaching Hospital, Peshawar. Her academic career includes previous experience as a lecturer at Kamyab Institute of Medical Sciences, Rawalpindi. Since 2018, she is working as a faculty member at Shifa College of Pharmaceutical Sciences, where she actively involves in undergraduate and postgraduate teaching. She has extensive experience teaching undergraduate students in both conventional and modular systems and also supervise postgraduate M.Phil students in Clinical Pharmacy Practice. Additionally, she serves as a hospital coordinator for hospital-based modules within the modular system. Her areas of interest in pharmacy practice include enhancing medication safety, improving the quality of patient care in clinical pharmacy, addressing the challenges of polypharmacy, Drug Utilization, Antibiotic Stewardship and monitoring and reporting adverse drug reactions (ADRs).



**Dr. Waqar Un Nisa**

M.Phil., Pharm.D., (R.Ph., Pak.) Ph.D. Scholar  
Senior Lecturer

Dr. Waqar is a distinguished academic and healthcare professional with over two decades of diverse experience spanning pharmacy practice, healthcare management, pharmaceutical supply chain systems, and health informatics. With a robust interdisciplinary academic foundation including degrees in Pharmacy, Health Informatics, and Law-she brings a unique and integrative perspective to pharmacy education and clinical advancement. Currently pursuing a PhD in Pharmacology, she is committed to advancing precision medicine and improving patient safety through academic research and clinical insight. Dr. Waqar's extensive leadership in both hospital and community pharmacy settings enriches her academic role. She is devoted to embedding evidence-based practice, regulatory compliance, and digital health innovations within the Pharm.D. curriculum, equipping future pharmacists to meet the evolving challenges of modern healthcare systems, both nationally and globally.



**Dr. Sundus Butt**

M.Phil., Pharm.D. (R.Ph., Pak.)  
Lecturer

Dr. Sundus graduated in 2018 from Shifa College of Pharmaceutical Sciences, STMU in the pioneer batch. She is the gold medalist of the Class of 2018. She has recently completed her MPhil degree in Clinical Pharmacy Practice and got gold medal from the same institution. She initially gained experience as a Hospital Pharmacist while working at Shifa International Hospitals Ltd., and Ali Medical Center, Islamabad. At Pakistan Institute of Medical Sciences, Islamabad, where she worked as a Clinical Pharmacist in the Infectious Disease ward while shadowing an ID consultant. She was responsible for conducting and supervising clinical clerkship of ICMC students at Shifa International Hospital. However, currently she is serving as a lecturer and M.Phil. CPP Program Coordinator in the Pharmacy Practice Department. She is interested in pursuing her career as an academic pharmacist while incorporating various aspects of clinical pharmacy in her teaching.



**Dr. Muhammad Ijaz-Ul-Haq**

M.Phil., Pharm.D. (R.Ph., Pak.)  
Lecturer

Dr. Muhammad Ijaz-Ul-Haq is a dedicated academician and researcher currently serving as a Lecturer in Pharmacy Practice at Shifa Tameer-e-Millat University, Islamabad, Pakistan. He holds an M.Phil in Pharmacy Practice from Hamdard University, Islamabad, and a Doctor of Pharmacy (Pharm-D) from Riphah International University, Islamabad. With a strong foundation in pharmaceutical sciences, he has developed expertise in clinical pharmacy, public health, antimicrobial stewardship, and medication safety, contributing significantly to research and education in these fields. His research experience spans in vitro, in vivo, and survey-based studies, addressing critical public health challenges. In his in vitro research, he has performed antimicrobial susceptibility testing on bacterial strains. His in vivo studies involve research on rabbit models, focusing on drug safety and efficacy assessments. Additionally,

he has conducted extensive survey-based research targeting key issues in community and public health. Beyond research, he has substantial field experience in clinical pharmacy practice, pharmacovigilance, and patient-centered care. He has been actively involved in hospital pharmacy settings, providing direct patient counseling, optimizing medication regimens, and implementing strategies to enhance adherence. His work in antimicrobial stewardship focuses on monitoring antibiotic use and developing interventions to combat resistance. Additionally, he has contributed to pharmacovigilance initiatives by identifying adverse drug reactions and promoting drug safety measures. His involvement in public health extends to awareness campaigns on rational drug use and patient safety, advocating for evidence-based approaches in healthcare. Dr Haq remains committed to advancing pharmaceutical sciences through innovative research and academic excellence. His passion for bridging clinical research with practical healthcare solutions drives his continuous efforts in fostering a better understanding of medication management and patient safety. Through his teaching, mentorship, and research contributions, he aspires to shape the future of clinical pharmacy and public health, ensuring improved healthcare outcomes at both community and institutional levels.



**Dr. M. Hussain Abutaleb**

Ph.D., M.Sc., Pharm.D. (R.Ph., KSA.)  
Professor (Adjunct Faculty)

Dr. Abutaleb is a Consultant Pharmacist, and Director of Pharmacy Residency Program, King Fahad Central Hospital, Jazan. He is also serving as an Adjunct clinical assistant professor in Department of Clinical Pharmacy, Faculty of Pharmacy, Jazan University. Dr Abutaleb is currently serving as a Board Member in Scientific Pharmacy Council, Saudi Commission for Health Specialties, Riyadh, KSA. His research contributions towards the field of clinical pharmacy includes medication errors, safe and effective use of medications, medical and nonmedical prescribing patterns, pharmacist prescribing, quality of prescribing, use of international clinical guidelines and quality of care in the field of health services management using comparative effectiveness research methods, secondary databases analysis, systematic review and meta-analysis.





**Dr. Komal Fizza**

M.P.H., Pharm.D. (R.Ph., Pak.)  
Assistant Professor (Adjunct Faculty)  
Assistant Director Quality at

Shifa International Hospitals Ltd. (SIHL), Islamabad

Dr. Fizza has been serving in various sectors of pharmacy practice in Pakistan and USA since 2009. A graduate of Riphah International University, she is currently enrolled in Masters in Public Health program. Dr Fizza's certification achievements include JCI accreditation, Pharmacy Preceptor and Antimicrobial Stewardship. She has been a scholarship holder throughout her educational career and is currently serving as an Associate Manager Pharmacy at Shifa International Hospitals, Ltd. (SIHL) Islamabad. She has served as a member of the Hospital Quality Audit team, JCI-accreditation team, coordinator with Drug Regulatory Authority of Pakistan (DRAP) for narcotics procurement & management and other high- profile positions of responsibility.



**Dr. Muhammad Gulzaib**

Pharm.D. (R.Ph., Pak.)  
Lecturer (Adjunct Faculty)  
Pediatric Clinical Pharmacist,

Shifa International Hospitals Ltd. (SIHL), Islamabad

Dr. Gulzaib has done his Doctor of Pharmacy (Pharm.D.) from University of Sindh, Jamshoro. He has worked at multiple hospital settings as a clinical pharmacist and has an experience of more than 5 years. Currently he is working as Pediatric clinical pharmacist at Shifa International Hospitals Ltd., Islamabad. At the hospital, along with his role in clinical pharmacy, he is involved in training of other pharmacists and also serving as residency program Preceptor.



**Dr. Sundas Maria**

M.Phil., Pharm.D. (R.Ph., Pak.),  
Lecture (Adjunct Faculty)

Clinical Pharmacist at Shifa International  
Hospitals Ltd. (SIHL), Islamabad

Dr. Sundus graduated with a Doctor of Pharmacy (Pharm-D) degree from Riphah International University (RIPS), Islamabad and completed her Masters of Philosophy in Pharmaceutics from Quaid-i-Azam University Islamabad. She then pursued her career at Shifa International Hospital first as a hospital pharmacist and then as a clinical pharmacist. Currently, she is also serving as a Pharmacy preceptor in the same organization.



**Dr. M. Azizullah Khan**

M.P.H., Pharm.D., AHHP Certified in  
Pharmacy Informatics (R.Ph., Pak)  
Lecturer (Adjunct Faculty)  
Charge Pharmacist, Shifa International  
Hospitals Ltd. (SIHL), Islamabad

Dr. Khan holds a Doctor of Pharmacy degree from the Hamdard University, Karachi. Based on his interest in understanding the drug manufacture and supply chain management process, he joined the Gray's Pharmaceuticals Pvt. Ltd., Islamabad where he worked as a production Pharmacist for two years. During the same time, he enrolled in the Master in Public Health program to develop himself as a caregiver for the general masses. On completion of his degree, he moved to Dubai where he worked as a Hospital Pharmacist at Zulekha Hospital. Over the past 7 years, Dr. Khan has been working in different areas of pharmacy management including ambulatory care, preceptorship, medication management and stock management among others. He is actively involved in training programs through HR and scholarship.



**Dr Fizza Afzal**

Pharm D (R.Ph., Pak.)  
ASHP Resident  
Transplant Clinical Pharmacist  
Clinical Pharmacy Lecturer (Adjunct Faculty)

Dr. Afzal graduated from Riphah International Hospital and has been a scholarship holder throughout her academic journey. She received multiple Awards of Excellence for achieving top positions during her Pharm D studies and is a double gold medalist. After completing her degree, she pursued the ASHP Pharmacy Residency Program at Shifa International Hospital. Following this, she worked as an inpatient hospital pharmacist for nearly a year. With her extensive experience and expertise, Dr. Fizza now serves as a preceptor for the ASHP Residency Program. Currently, Dr. Fizza works as a Solid organ transplant clinical pharmacist, with over three years of clinical practice. She also has a strong passion for infectious diseases and antimicrobial stewardship.



**Dr. Aimen Faheem**

Pharm.D. (R.Ph., Pak.)  
Instructor (Adjunct Faculty) Clinical pharmacist SICU  
Shifa International Hospital Islamabad  
(Certified Anticoagulant Pharmacist)

Dr. Faheem, is a dedicated clinical pharmacist certified in anticoagulant therapy. She has served as a staff OPD pharmacist; a vital member of healthcare teams, ensuring optimal medication management for patients. Her proficiency encompasses diverse aspects of pharmaceutical care, fortified by completion of the ASHP IPPRP (International Pharmacy Practice Residency Program). She graduated from Riphah International University Islamabad in 2020, equipped with a solid foundation in pharmacy and a commitment to delivering high-quality healthcare services. Passionate about improving patient outcomes, she continuously strive to stay updated with the latest advancements in the field to provide comprehensive and compassionate care.





**Dr. Shinza Arshad**

Pharm.D., BCPS (R.Ph., Pak.)  
Instructor (Adjunct Faculty)  
Clinical Pharmacist  
Shifa International Hospital Islamabad

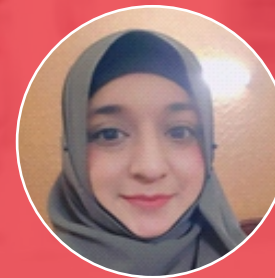
Dr. Arshad presently serves as a Clinical Pharmacist (Hematology/oncology BMT) in Shifa International Hospital, Islamabad. She graduated from University of Lahore in 2021. Since then she has been a part of SIH, initially as resident (ASHP IPPRP) and then as Staff Pharmacist. A highlight of her career is becoming the youngest board certified Pharmacotherapy specialist in Pakistan.



**Dr. Ahsan**

M.P.H., Pharm.D., AHHP Certified in  
Pharmacy Informatics (R.Ph., Pak)  
Lecturer (Adjunct Faculty)  
Charge Pharmacist, Shifa International  
Hospitals Ltd. (SIHL), Islamabad

Dr Ahsan has graduated from Riphah International University Islamabad. He has completed his ASHP Pharmacy residency training from Shifa International hospital Islamabad. He has worked in Emergency services before joining Clinical pharmacy department as Solid organ transplant Clinical pharmacist with primary focus on Liver transplant and has keen interest in prevalence of infections and antimicrobial resistance in Living donor liver transplant recipients. He is currently enrolled in SIDP antimicrobial stewardship certification program.



**Dr. Bushra Anjum**

Pharm.D (Rph, Pak)  
Lecturer (Adjunct Faculty)  
Pharmacy Preceptor  
Charge Clinical Pharmacist,  
Shifa International Hospitals Limited, Islamabad

Dr. Anjum currently serving as a Charge Clinical Pharmacist specializing in Oncology, Hematology, and Bone Marrow Transplant (BMT) for both adults and paediatrics. She has completed Pharm. D. from Hamdard University, Islamabad Campus, and has further expanded her expertise by completing the HMX Pro Immunology course (focused on Immuno-Oncology) and the ASHP Specialty Pharmacy Certificate in Oncology and Hematology Disease States. Her professional journey began at Shifa International Hospital, where she took on leadership responsibilities in oncology pharmacy. Additionally, she gained experience as a Study Pharmacist for clinical research trials and served as an Oncology Pharmacy Preceptor for resident pharmacists.



# Department of Educational and Professional Development

The Department of Education & Professional Development (DEPD) is established at the Shifa College of Pharmaceutical Sciences (SCPS) under the vigilant supervision of Dean (FPAHS). Efficiently operating within SCPS and aligned with the Faculty of Pharmaceutical and Allied Health Sciences, DEPD

effectively addresses the developmental needs of healthcare professionals. Serving as a centralized hub, it amalgamates activities from diverse college departments and institutes.

## Purposes and Objectives:

- Providing training and support for faculty members in the use of new

- technologies and instructional strategies to enhance teaching effectiveness.
- Offering workshops and training programs on new practice methodologies in the relevant fields as per the regulatory requirements and guidelines of the country.
- Providing opportunities for professionals to engage in research and scholarship activities, such as collaborating on research projects or presenting research findings at conferences.
- Offering networking opportunities for professionals to connect with others in their own and other fields.
- Facilitating mentorship programs that pair experienced professionals with early-career professionals, providing guidance and support as they navigate their careers.

## FACULTY MEMBERS



**Dr. Iqra Hafeez**  
MHPE, Pharm.D., (R.Ph., Pak)  
Lecturer

Dr. Iqra Hafeez stands out as a highly proficient individual in the realm of organizing and facilitating inter and intradepartmental faculty training workshops. She holds a Master's degree in Health Professions Education from the esteemed Riphah International University, demonstrating her commitment to staying at the forefront of educational practices in the healthcare field. Her areas of specialization are noteworthy; she possesses a deep-seated interest in curriculum evaluation, a critical aspect of ensuring that educational programs align with evolving healthcare demands. Furthermore, her proficiency extends to the development and implementation of various assessment tools and instructional modalities, which are vital in maintaining the highest standards of education.





**Dr. Mohib Rehman**  
Ph.D., M.S. Assistant Professor

Dr. Rehman serves as an Assistant Professor of behavioral sciences and professional practices at Shifa College of Pharmaceutical Sciences. He holds both a PhD and MS from the University of New Mexico, United States. With nearly a decade of teaching and research experience in Pakistan and the United States, he has spent a considerable amount of time in academia. His research endeavors encompass a broad spectrum of fields, including cultural psychology, family psychology, educational psychology, sociology of gender, feminist research, and media studies. Dr. Rehman has contributed to several scholarly publications in his field and has supervised six MS students in clinical psychology.



**Dr. Kinza Farooq**  
Pharm.D. (R.Ph., Pak.)  
Instructor and M.Phil. Scholar

Dr. Farooq has completed her Pharm.D. from Hamdard University, Karachi. Her determination and dedication towards studies have helped her achieve merit funding throughout her educational career. She has participated in various online sessions on “pharmacotherapy” organized by Medsparkles at Calgary Alberta, Canada. Moreover, she has also worked as a chief representative during breast cancer awareness campaigns. She gained experience in extemporaneous compounding with dose calculations and aseptic handling while working at D. Watson Group of Pharmacies.



**Dr. Sana Shafiq**  
Pharm.D. (R.Ph., Pak.)  
Instructor

Dr. Sana is working as an instructor in SCPS. She has completed her Pharm.D. from Riphah International University, Islamabad in 2017. After graduation, she started her career as a community pharmacist. She has also worked as a staff pharmacist in ambulatory care and OPD pharmacy at Shifa International Hospital. She has the experience of extemporaneous preparations and personalized formulation development. Her current research interests are formulation development and skin care products development.



**Dr. Ahsan Ibrahim**  
M.Phil., Pharm.D. (RPh. Pak.)  
Instructor

Dr. Ibrahim did his Pharm.D. from Shifa College of Pharmaceutical Sciences, Islamabad. He has been awarded Certificate of Appreciation from the Dean several times owing to his distinctive academic performance. He has represented his university as a student in several healthcare campaigns and events held at Shifa International Hospitals Ltd. Meanwhile, he also got a chance to work in Hospital and Clinical settings there as a volunteer. He also got hands on training for providing Basic Life Support and Advance Cardiac Life Support. Owing to his interest and passion in academia, he did his Post Graduate Certification in Pharmacy Education from Shifa College of Pharmaceutical Sciences in 2021. He is also certified in the fundamentals of Bioinformatics from the same institute. His areas of interest include Infectious diseases, Bioinformatics, Novel Drug Delivery Systems and Pharmacological aspects of drug product development.



**Dr. Muhammad Arslan**  
M.Phil., Pharm.D. (R. Ph., Pak.)  
Junior Instructor

Dr. Muhammad Arslan graduated with a Doctor of Pharmacy degree from Riphah International University. He began his professional career as a Hospital Pharmacist at the Armed Forces Institute of Cardiology (AFIC), Rawalpindi, where he gained valuable experience in hospital dispensing, procurement, and inventory management. After one year he has joined the renowned pharmaceutical company as a Sales and Application Specialist. In this role, he assisted electrophysiologists in arrhythmia cases, further expanding his expertise in clinical applications. In 2022, he joined Shifa College of Pharmaceutical Sciences as a Junior Lecturer, driven by his passion for academia and research. His primary research interests include drug discovery, development and computational studies.



**Dr. Muhammad Abdullah**  
Pharm.D. (R. Ph., Pak)  
Instructor

Dr. Muhammad Abdullah graduated as Doctor of Pharmacy from Riphah International University. After graduation, he started internship in Riphah International University. He got the valuable experience in the hospital dispensing, procurement and inventory management. He has recently joined Shifa College of Pharmaceutical Sciences as an instructor, to pursue his interest in academia.





**Dr. Maham Shafaqat**  
Pharm.D. (R. Ph., Pak)  
Instructor

She is a dedicated junior lecturer at Shifa College of Pharmaceutical Sciences with a strong foundation in pharmaceutical sciences. She graduated from Shifa College of Pharmaceutical Sciences, where she developed a keen interest in pharmacy education and research. To strengthen her practical expertise, she completed a six-week internship at Shifa International Hospital, gaining hands-on experience in hospital pharmacy, medication management, and patient care. Alongside her academic journey, she actively pursued professional certifications to expand her knowledge in various pharmaceutical domains. Her commitment to continuous learning and professional growth enables her to provide students with a well-rounded understanding of the field. Passionate about teaching, she strives to create engaging and interactive learning experiences, bridging the gap between theoretical concepts and real-world applications.



**Dr. Andleeb Khalid**  
Pharm.D. (R.Ph, Pak)  
Instructor

Dr. Andleeb, a PharmD graduate from COMSATS University, Abbottabad, excelled with gold medals at both campus and institute level as well as certificate of excellent academic performance. She interned at renowned hospitals and pursued diverse courses offered by WHO and coursera. Recognizing the importance of continuous learning, she has successfully completed CPD course at SCPS. Actively involved in healthcare initiatives, she promoted breast cancer awareness, organized camps, and contributed to projects aiding Thalassemia and cancer patients. Dr. Andleeb participated in national conferences and is dedicated to shaping future pharmacists.



**Dr. Nayab Khawar**  
Pharm.D. (R.Ph, Pak)  
Instructor

Dr. Khawar earned his Pharm D degree from Riphah Institute of Pharmaceutical Sciences, Riphah International University with distinction. During his Pharm D career, he did internships at various sectors of pharmaceutical sciences, like BIO LABS pharmaceutical industry, Jupiter Pharma, Al-Baraka Pharmacy and Al-shifa Clinic. During his academic career, he earned 1 silver and 2 bronze medals in studies and sports, respectively. He got PSN talent award and was involved in some research projects as well, like estimating the antibiotic potencies of eucalyptus oil on general bacteria. He used to serve as a Director of communication and strategy at MedXplorer.



**Dr. Kainat Almer**  
Pharm.D. (R.Ph, Pak)  
Instructor and M.Phil (Scholar)

Dr. Almer has graduated with a Doctor of Pharmacy Degree from Shifa College of Pharmaceutical Sciences, STMU. During her educational career she had the opportunity of developing a study guide for behavioral sciences module for ICMC. She has also worked as an internee hospital pharmacist at Pakistan Institute of Medical Sciences, (PIMS) and Ali Medical Centre. Following her graduation, she worked in the IPD/OPD, ER, clinical and compounding services of the Department of Pharmacy, Shifa International Hospital. At present, she has joined SCPS as a faculty member and aspires to pursue a career in the academic domain of pharmacy.



**Dr. Javaria Riaz**  
Pharm.D. (R.Ph, Pak)  
Instructor

Dr. Riaz has graduated from Hamdard university in 2013. After graduation she worked as an industrial pharmacist in a well known pharmaceutical industry for 1 year. Afterwards, she worked as a hospital pharmacist in SIH for 3 months. Later, she worked as a hospital pharmacist in AFIC for 7 years. She gained valuable experience in IPD, OPD pharmacy and procurement department. She also served as a visiting lecturer in Pharmacology in NUMS.



**Dr. Tahreem Fatima**  
Pharm.D. (R.Ph, Pak)  
Instructor

Dr. Fatima, a recent graduated from Punjab University College of Pharmacy. During her academic tenure, she gained valuable experience through internships at Green Pharmacy Lahore and Shifa International Hospital Islamabad. She spent six weeks in Shifa International Hospital Islamabad, and honing skills in clinical setting. Her passion lies in research and academia, and She eager to pursue a career in pharmaceutical chemistry. With a strong work ethic and unwavering dedication, She committed to making a positive impact in the field of pharmacy and contributing meaningfully to the advancement of pharmaceutical sciences.





**Dr. Bushra Sufiyan**  
M.Phil., Pharm.D. (R.Ph, Pak)  
Instructor

Dr. Sufiyan Graduated from Islamia University Bahawalpur, She has furthered expertise by earning Mphil in pharmacy practice from Hamdard University Islamabad campus. Her research lies in pharmacy practice and research work is translated into international publication, one noticeable achievement is acceptance of one of her abstract at an international conference by journal of Pharmaceutical policy and practice. An enthusiast about making valuable contribution as resourceful individual. A sincere and dedicated person eager to learn and explore.



**Dr. Muhammad Amjad Sajjad**  
Pharm.D. (R.Ph.) M.Phil. Scholar  
Instructor

Dr. Muhammad Sajjad is a practicing pharmacist and researcher specializing in pharmaceutical chemistry and drug discovery. He holds a Pharm.D. from University of Health Sciences and is pursuing an M.Phil. in Pharmaceutical Chemistry at Capital University of Science and Technology. With experience in academia, research, and community pharmacy, his work focuses on pharmacophore modeling, molecular docking, and synthesis of potential NF-KB inhibitors for Alzheimer's disease. He has also contributed to multiple Communities, Retails and Hospital setups with internships in pharmaceutical Industries.



**Dr. Muhammad Saad Khalid**  
Pharm.D. (R.Ph, Pak)  
Instructor

Dr. Muhammad Khalid has graduated with a Doctor of Pharmacy (PharmD) from COMSATS University Islamabad, Abbottabad Campus. Throughout his academic journey, he actively participated in co-curricular and extracurricular activities while engaging in research projects, including Investigations on Drug-related Problems and Geriatric Pharmacotherapy. Currently, he is working on a research topic focused on Potentially Inappropriate Medication (PIM) in Older Adults and has submitted his research publication on PIM. Presently, he serves as a Junior Lecturer at Shifa Tameer-e-Millat University (Shifa College of Pharmaceutical Sciences) in Islamabad, where he is actively involved in teaching and research.



**Dr. Eesha-Tu-Razia**  
M.Phil., Pharm.D. (R.Ph, Pak)  
Instructor

Dr. Eesha-Tu-Razia hold Doctor of Pharmacy (Pharm.D.) degree and completed coursework for M.Phil. in Clinical Pharmacy Practice, both from Shifa College of Pharmaceutical Sciences, Shifa Tameer-e-Millat University (STMU). Her academic journey has been enriched by practical experiences through internships in both the pharmaceutical industry and hospital settings, providing her with a comprehensive understanding of pharmacy. Currently, she appointed as an instructor (Interface pharmacist) at Shifa College of Pharmaceutical Sciences, where she dedicated to educating and mentoring future pharmacists.



**Dr. Kashif Farooq**  
Pharm.D. (R.Ph, Pak)  
Instructor

Dr. Farooq hold a Doctor of Pharmacy degree from COMSATS University Islamabad, Abbottabad Campus. He has one year of experience in hospital pharmacy as well as experience teaching Category-B pharmacy students. During his academic journey, he was actively involved in both academics and co-curricular activities. He had the privilege of serving as the President of the DAWAA Society, a volunteer organization dedicated to arranging timely blood donations for children suffering from thalassemia. He has thrilled to join SCPS as an Instructor Pharmacist. He believed this role will not only provide him valuable insight into the academic field but also help further develop his teaching skills. He looks forward to building a strong and positive relationship with the faculty and staff at SCPS.



**Dr. Qaneeta Haseeb**  
Pharm. D, MPH-GH  
Junior Lecturer

Dr. Qaneeta Haseeb is a Junior Lecturer at Shifa College of Pharmaceutical Sciences (SCPS) and a member of its first graduating class, having earned her Doctor of Pharmacy degree. She went on to complete a Master of Public Health in Global Health with distinction from Queen's University Belfast. Her professional experience spans research, academia, and regulatory affairs, both in Pakistan and internationally. At SCPS, she has contributed to research projects centered on community health and pharmacy education. She has also worked in regulatory affairs, ensuring compliance with international standards, and collaborated with Vision Aid Overseas to design an Advocacy Framework for integrating School Eye Health Programs into Zambia's National School Health and Nutrition Program.





**Dr. Laraib Badar**

Pharm.D. (R.Ph, Pak)  
Instructor

Dr. Laraib is currently working as an Instructor at Shifa College of Pharmaceutical Sciences, Shifa Tameer e Millat University, Islamabad. She is a graduate of the pioneer batch of ICMC Class of 2024 from Shifa College of Pharmaceutical Sciences. She has received a Merit Award in Pharmacotherapy. She had three publications during her study tenure. Her research interests lie in antimicrobial resistance, molecular biology, formulation development and clinical pharmacology. She has a strong record of leadership and involvement in extracurricular activities. She held a prominent position in the Shifa Student Society at STMU. Other than being a pharmacist, she's into medical and scientific writing and editing. She excels at simplifying complex medical concepts and fostering student learning through clear communication

and structured guidance. She's also serving as Program Broadcaster at Radio Pakistan Headquarters, Islamabad.



**Dr. Nooran-ul-Ain**

Pharm. D, (R.Ph, Pak)  
Junior Lecturer

Dr. Nooran-ul-Ain is currently serving as a Junior Lecturer/Lab Demonstrator at Shifa College of Pharmaceutical Sciences, Shifa Tameer-e-Millat University, Islamabad. She recently graduated in July 2025 from Capital University of Science and Technology (CUST) with a CGPA of 4/4 on a 100% merit-based bachelor's scholarship, earning multiple awards including Chancellor's Honor Roll, Dean's Honor Roll, Best Student Award, and distinctions for volunteer work. Her professional experience spans diverse pharmacy sectors, including: Regulatory Pharmacist Intern at Drug Regulatory Authority of Pakistan, Industrial Pharmacist Intern at Shaigan Pharmaceuticals, Hospital Pharmacist Intern at Al-Ihsan Hospital & Clinical Clerkship (2 years) at Fauji Foundation Hospital.

# Premises and Infrastructure Facilities

Shifa College of Pharmaceutical Sciences has a campus spread over 18 kanals in the sector H-8/4, heart of Islamabad. The campus houses the building (lecture halls, tutorial rooms, laboratories, faculty offices and library), student cafeteria, lawns and hard courts for sports activities. The campus has been planned in a manner to ensure the on-campus availability of all the curricular, co-curricular and extra-curricular facilities.

## Lecture Halls

SCPS has five spacious lecture halls that can accommodate around 80 to 100 students at a time. Located in the basement of the SCPS building, the lecture halls have been designed in a manner that ensures the maximum interaction of the students with the teachers. The halls are well-equipped with audiovisual aids in order to facilitate the instructors to combine their oral presentations with high-resolution imagery.

## Libraries

The students have access to 3 well-stocked libraries. The on-campus library has more than 2100 books on subjects related to pharmaceutical sciences. The digital library has around 3.5 million books aimed to ease of access and lowering expenses for the students. A central library stocked with 11,388 books is available in the STMU central building. SCPS also has access to multiple online journals and magazines to provide the students an opportunity to gain latest information in their area of interest. All the books and journals are original manuscripts of highest printed quality available. The collection consists of titles related to pharmaceutical and medical sciences.

## Information Systems (IS)

The campus has a spacious, well-furnished and air-conditioned computer laboratory equipped with latest personal computer having high speed internet facility. There is an active Campus Management System and Learning Management System to facilitate the students, parents and faculty members to provide digitalized access to academic, attendance and financial records. Future plans of the Information Systems include the provision of trans-campus internet facility to the students. In collaboration with HEC, the IS department plans to provide full access to Microsoft genuine softwares.





## Laboratories

A total of 11 laboratories have been established to provide the pharmacy students an opportunity to gain hands-on experience and technical training. The labs are well-equipped with the latest, state-of-the-art equipment and is continually updated to parallel the international progress in the field of pharmaceutical sciences. The labs include:

01. Pharmaceutics Lab-1 (Physical Pharmacy, Dosage form designs, Dispensing and Biopharmaceutics)
02. Pharmaceutics Lab-2 (Industrial Pharmacy and Pharm-Technology)
03. Pharmaceutics Lab-3 (Instrumentation and Quality Control)
04. Pharmacognosy Lab
05. BMS Lab-1 (Physiology, Anatomy and Pharmacology)
06. BMS Lab-2 (Microbiology, Immunology and Pathology)
07. IT/Digital Resource Lab
08. Research Lab (Pharmaceutical Chemistry)
09. Animal House
10. Postgraduate Multi Disciplinary Lab
11. Pharmaceutical Chemistry Lab



## Postgraduate Multi Disciplinary Lab

Our state-of-the-art research facility is equipped with an extensive range of cutting-edge equipment, where your postgraduate journey into cutting-edge research begins. The Multi-disciplinary Research lab is outfitted with a diverse collection of instruments that cater to various research domains, ensuring that our scholars have access to the tools they need to explore their hypotheses comprehensively. From molecular biology to material analysis, from animal studies to advanced spectroscopy, our equipment lineup reflects our commitment to multidisciplinary research.

For the investigation of biological processes at the cellular and molecular levels, we offer a Tissue Embedding Center with a Cold Plate, Handheld Tissue Homogenizer, Multichannel Real Time PCR, and High-Speed Refrigerated Centrifuges. These tools empower researchers to manipulate and study biological materials with precision and efficiency.

In the realm of microscopy and imaging, our lab boasts an Inverted Fluorescence Microscope, a Phase Contrast Inverted Microscope with a Camera, and a microDoc Gel Documentation System. These instruments facilitate the visualization and documentation of samples, enabling researchers to capture critical data for their studies.

For analytical chemistry and material science inquiries, our lab is equipped with an FTIR Spectrometer, UV-Visible Spectrophotometers, High-Performance Liquid Chromatography (HPLC), and other valuable equipments. These tools empower our scientists to characterize and analyze a wide range of materials with accuracy and detail. We are also well-equipped for animal-based research, providing Stereotaxic Instruments for Rodents, Animal Husbandry and Handling Facilities, and Animal Behavioral Studies Facilities. These resources enable our



researchers to explore questions related to physiology, behavior, and neuroscience.

In addition to the aforementioned instruments, we house various specialized tools such as a Blotting Apparatus, Ultrasonic Homogenizer, ELISA Micro-plate Reader, Micro-plate Washer, Lyophilizer, Stability Chamber, and more. These instruments collectively underscore our commitment to providing a comprehensive research environment.

Join us in our mission to unravel the mysteries of the natural world and develop solutions that can transform lives.



### Hostel and Transport Facility

The University offers recommendation of separate hostels for female students with supportive wardens and management team. Seats are available in girls hostel at first come first serve basis. Security is available round the clock. Transport is available to the female students to and from the hostel. Dedicated buses are also available for transport between the campuses, hospitals and for excursion trips.

### Student Centre and Cafeteria

A dedicated student centre has been set-up that houses the Student Affairs Office, Admission Office and departmental secretariat. The centre is easy to access by the students and all the issues related to the students are addressed by the Student Centre. An on-campus cafeteria offers a rich variety of fresh and nutritious food. Photocopy and printing facilities are also available for the students within the campus.



# Affiliated Hospitals and Community Pharmacies

The Shifa College of Pharmaceutical Sciences (SCPS) was established with an aim to provide the Doctor of Pharmacy students an exposure to the world class facilities in all subjects of Pharmacy Practice. After providing a solid theoretical basis of pharmaceutical sciences, they are trained at internationally renowned community pharmacy, hospital pharmacy and clinical pharmacy setups. The students of Doctor of Pharmacy would be provided training facilities at:

## **Shifa International Hospitals Ltd. (SIHL), Islamabad**



The students of Shifa College of Pharmaceutical Sciences (SCPS) would be trained at the Joint Commission International (USA) accredited Shifa International Hospitals (SIH), Islamabad in the fields of clinical pharmacy, hospital pharmacy and retail pharmacy. SIH is a world class, tertiary care teaching hospital. This 646 bed hospital is located in the heart of Islamabad and is renowned for a number of specialized services. There are 17 medical and 11 surgical

specialties at SIH. A team of around 50 hospital and clinical pharmacists work alongside 221 consultants in various disciplines. Moreover, 249 PG medical trainees are currently enrolled for training at SIH. SCPS in collaboration with the pharmacists and physicians at SIH has devised a comprehensive training program for pharmacy students to provide them unique opportunities at par with the international professional standards.

In addition to the clinical pharmacy, the students of SCPS would be trained with the skills of hospital and retail pharmacy (along with in situ compounding and dispensing skills) at SIH. The pharmacy department at SIH aims at the provision of “original quality medicine”. The mission statement is “to provide cost effective, compassionate and quality pharmaceutical care to all patients with optimum support in all clinical areas with complete guidance and counseling”. SCPS aims to indulge its students in these quality services, so that they can emerge as pharmacists with a comprehensive exposure to all fields of pharmacy.

## **Shifa Foundation Community Health Center (SFCHC)**

SFCHC provides free treatment, advice and medicine to 500+ deserving patients daily. Those who need inpatient treatment are given the same facilities as paying patients in Shifa International Hospitals. Presently, 35 specialties and subspecialties are being offered including open heart surgeries, kidney transplant and neurosurgeries either absolutely free of cost or at extremely subsidized rates. The pharmacy students of SCPS are also trained at the clinic for inculcating the clinical pharmacy skills as a member of a physician-pharmacist-nurse trio.



## Shifa Pharmacies

Shifa Pharmacies provide quality drugs and advice to the general public. These model pharmacies are managed by experienced pharmacists and provide the services of compounding, dispensing, counselling and public health awareness. The students of Shifa College of Pharmaceutical Sciences would be trained at these pharmacy setups during their degree programs. These pharmacies are located in various cities and, hence, the students can carry out summer internships and pre-registration community pharmacy training at these set-ups (near to their home districts).

### Message from Chief Pharmaceutical Officer (SIH)

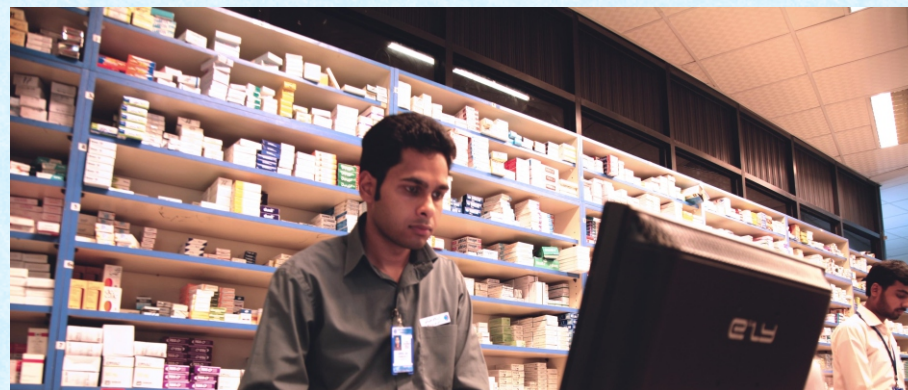


**Salwa Ahsan**

MBA (Health & Hospital Management),  
Pharm.D. (R.Ph., Pak.)  
ASHP Medication Safety Professional Certificate  
ASHP Pharmacy Informatics (ISMP/ASHP) Professional Certificate  
Chief of Pharmaceutical Officer  
eShifa Home Care Services (SIH-T)  
Shifa International Hospitals Ltd.,  
Islamabad

Pharmacy is truly a remarkable, multifaceted profession that touches every aspect of health and life of people. From manufacturing to the medication dispensing, from prescription review to training and educating pharmacy students, from regulatory role to drug law enforcement, from patient education to post marketing surveillance... everything converges at one point and i.e. “professional pharmacist”. Being a pharmacist is a great responsibility and accountability in every field where we work because the life and health of people depends on us.

In Shifa International Hospitals Ltd. we are committed to providing high quality, compassionate care for all and offer state of the art hospital and clinical pharmacy services. Our setup includes Inpatient, Ambulatory Care and Emergency pharmacy setup, IV admixture, TPN,



sterile & non-sterile compounding services and Chemo admixture. Other hallmarks include Patient Education, Medication Reconciliation, Drug & Poison Information Service, Clinical pharmacy coverage in key areas like critical care, oncology, transplant etc., Adverse Drug Reaction (ADR) tracking and monitoring program, Pharmacy 1 year Residency program and several clinical indicators to optimize patient drug therapy.

Shifa is in unique position that its Pharm.D. students undergo a structured training program and periodic rotations in clinical and hospital pharmacy (including above mentioned areas), supervised by qualified and competent senior pharmacists in each section. This not only gives students a great learning experience in actual field, but also enables them to take on the challenges of this profession while being better equipped right from the beginning. I am confident that In Sha Allah students produced by our University (STMU) will be at par with any best pharmacy school graduates.



# Industry-Academia Liaison

## **MOU's with Industry and Community Pharmacy**

At STMU, we are dedicated to providing students an exposure to all the sectors of pharmacy. Apart from the contemporary clinical training in line with international standards, the students are given opportunities to be trained and intern at well known Pharmaceutical Industries and reputable community Pharmacies. STMU is next-generation university that believes in the art of practice based learning and we have, therefore, entered into MOUs with more than 15 national and multinational pharmaceutical Industries and community pharmacies.

The learner would recognize the vital role that community pharmacies play in improving the health, patient choice, health literacy, supply and dispensing of medicines. Based on these memoranda, arrangements are made for Pharmaceutical industry and community pharmacy visits and apprenticeship placement at these reputed organizations.

## **MOU's with Universities and Research Centers**

STMU established partnerships and collaborations with outstanding academic and research institutions in Pakistan and abroad. The main purpose is to expand the experience of the students, promote student growth and strengthen the impact of the research. The faculty, which is at the forefront of international collaborations, helps in formalizing the agreements to ensure that the research and academic needs of the faculty and students are met. The main focus of these collaborations is to promote the inter-disciplinary nature of research in pharmaceutical sciences.





# Research Facilities

A major focus of STMU is to carry out leading basic and applied research in the field of pharmaceutical sciences. In order to support the development of research culture, every year a dedicated amount is spent on provision of resources, facilities and trainings to the faculty and students. Under the direct coordination of the Dean of Faculty of Pharmaceutical and Allied Health Sciences, the equipment and facilities are made available to not only the faculty members of STMU but also to our students. Collaborative research with other institutes and organizations is strongly promoted. A number of faculty members are serving as co-advisors and members of research evaluation teams at other universities.

## External Internships Program (EIP)

The students from other educational institutes are provided hands-on, supervised training on the equipment available in the SCPS laboratories according to the demands of their parent institute under the mentorship of senior faculty members. Every year tens of students attend the EIP to carry out their Final Year Projects and gain technical expertise in line with the international standards.

## Research Electives Program (REP)

The REP is an innovative program that provides the students and researchers, from STMU and other institutes, to get involved in a specific

research project. The 10 to 16 weeks elective program aims to develop the technical and scholastic expertise. Along with the laboratory skills, the participants are taught about the basics of the research methodology, scientific writing and critical analysis of scientific material.





## Post Graduate (PG) Programs

Contemporary programs in the field of pharmaceutical and biomedical sciences have been developed and approved from the respective regulatory bodies in order to promote the introduction of international pace in national scientific and practice setting. The currently approved PG programs include M.Phil. Clinical Pharmacy Practice, M.Phil. Pharmacology (Molecular), M.Phil. Pharmaceutical Chemistry, Ph.D. Pharmacology, Ph.D. Pharmaceutical Chemistry and Post Graduate Certificate in Pharmacy Education. Future plans include the development of M.Phil. and Ph.D. programs in Pharmaceutics (Pharmaceutical Technology) and Pharmacognosy (Natural product Chemistry/ Phytochemistry).

## Research Award Policy

A policy incorporating reward strategy for research and scholarly activities has been approved and implemented to promote the research culture at SCPS. Generous awards are given to the students, scholars and faculty members if they contribute to research grants and scientific manuscripts.



### CURRENT RESEARCH AREAS

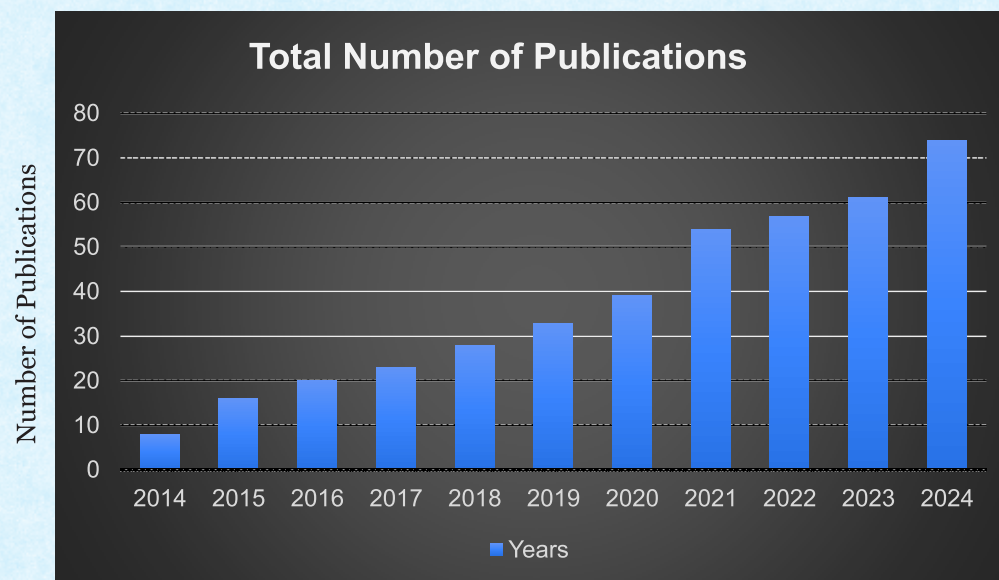
- Pharmacogenomics
- Pharmacoinformatics
- Pharmacotherapy
- Pharmacovigilance
- Pharmacoepidemiology
- Public Health Pharmacy
- Antimicrobial resistance
- Virology
- Computational Biology
- Computational Chemistry
- Synthetic Chemistry
- Medicinal Chemistry
- Phytochemistry
- Biomaterials science
- Pharmaceutical Regulatory Affairs



# Research Progress

At Shifa College of Pharmaceutical Sciences (SCPS) innovation and excellence intersect in the realm of clinical and medical research. Our journey from 2014 to 2024 has been marked by remarkable strides in the field, with our dedicated faculty consistently producing impactful research papers that contribute to the advancement of healthcare and pharmaceutical sciences. Over the past ten years, SCPS has emerged as a beacon of cutting-edge research, with our faculty members continually pushing the boundaries of knowledge and discovery. A notable hallmark of our progress is the significant increase in the number of impact factor research papers produced by our esteemed faculty during this period. As we reflect on the trajectory of our research endeavors from 2014 to 2024, one trend stands out prominently: a consistent upward trajectory in our research output. This upward trend is evidenced by the steadily rising number of publications, each representing a piece of the puzzle in our quest to unravel the mysteries of clinical and medical sciences.

At SCPS, our commitment to fostering a culture of research excellence is unwavering. Our faculty members, who are not just educators but also dedicated researchers, have been instrumental in driving this trend of growth. Their dedication, passion, and expertise have culminated in a wealth of impactful research papers that have left an indelible mark on the scientific community. Furthermore, the collective impact factor of our faculty members' research has experienced a parallel ascent. This is a clear indication of the growing recognition and influence of our research within the global scientific community. As our researchers delve deeper into complex medical challenges and unveil groundbreaking insights, the cumulative impact factor reflects the significance of our contributions in shaping the future of healthcare. As we continue to stride forward, our commitment to pushing the boundaries of clinical and medical research remains steadfast.





# Alumni Outreach

At Shifa College of Pharmaceutical Sciences, we take immense pride in the remarkable achievements of our alumni, who have spread their wings across the globe and made their mark in diverse organizations. Our graduates are thriving in various prestigious pharmaceutical, healthcare, and research institutions, both nationally and internationally. From leading roles in renowned pharmaceutical companies to impactful positions in regulatory agencies, healthcare

management, and cutting-edge research, our alumni have demonstrated their exceptional competence and dedication. They contribute significantly to advancements in the pharmaceutical field and play pivotal roles in shaping the future of healthcare. Our commitment to providing a world-class education ensures that our graduates are well-prepared and sought after by employers around the world.

- Shifa Tameer E Millat University
- Shifa International Hospitals Ltd.
- Advanced International Hospital Ltd.
- AGICO
- AH pharmacy
- Ali medical hospital
- Alif renal care
- Al-Kausar Pharmacy
- Al-Khidmat Raazi Hospital
- Bio-Labs
- CareCloud, MTBC
- Center for Integrated Health Research and Innovation (CIHRI)
- CMH rawalpindi
- DAI Fleming Fund
- DCC Consultants
- E Pharmacy
- Focus & Rulz Pharma (Pvt) Ltd.
- Getz Pharma
- GSK
- Hamdan Medical Center Mardan
- Hanif Medical Complex
- Hoechst Pakistan Limited (Formely Sanofi Pakistan)
- IESCO
- Iqra University, Chak Shahzad campus, Islamabad
- Khatiba international hospital pwd
- Kids Care International Hospital
- KulsooM international Hospitals
- Liaquat International Hospital
- Life Pharmacy
- Maroof International Hospital
- Masters in Pharmaceutical Sciences at University of Surrey
- Mediniche International
- Mutahir Memorial Hospital Attock
- Nori Hospital G8 Hospital
- Ocular Imaging Research and Reading Center (OIRRC) OIRRC
- Pasteur and Fleming pharmaceutical
- Quaid e azam university Islamabad
- Rawalpindi Institute of Cardiology, Rawalpindi
- Scotmann Pharmaceuticals
- Shaheed zulfikar Ali Bhutto medical university, Pims, Islamabad
- The Searle Company Limited
- The University of Lahore
- THQ hospital Fatehpur, Layyah
- University of Exeter, UK
- Wellbeing Pharmacy
- WHO
- Wimits pharmaceuticals limited

# Student Affairs Office

## Overview

Student Affairs Office at SCPS is a friendly place to start for questions you may have, about any curricular and/or extra-curricular activity / issue. The Office serves as a liaison between students, faculty and administration. The core function of Student Affairs Office is to be of assistance to students in any way possible, for which the student affairs staff shall help you succeed in your academic pursuits. It leads, directs, and administers overall functions of student counseling, student societies and discipline. The important function of Student Affairs Office is to enhance the quality of student life both in and outside of the classroom.

Overseen by Dean of Faculty / Director Campus, this office is a central place for students where they can express and get help about any problem they encounter on campus whether it is academic, personal or emotional.

The Student Affairs Office has a designated Advisor Student Affairs, who is readily available to students for sorting out problems. The students are encouraged to consult him for counseling and guidance. Efforts are made to ensure a student life, free from worries and distractions, to help them learn to manage affairs on their own, to cope with strains and stresses which are part of the growth processes, and to focus on their prime responsibility. The Student Affairs Office functions as a friend and guide of a student; it administers his/ her needs from the time s/he steps in the College for admission, till his/ her gradation.

The Student Affairs Office provides proactive support and capacity building services to promote co- curricular activities in the College which could enrich our graduates at every stage of their life as well as building strong relationships with their peers, faculty, administration and other stakeholders.

## Responsibilities

The Student Affairs Office is responsible for performing the following functions:

- Student Counseling
- Receiving of Student applications on academic as well as non-academic issues
- Provision of Certificates
- Liaison with the parents / guardians
- Facilitation in clearance, transcript and degree issuance.
- Student Fee and installment issues
- Examination eligibility and related affairs
- Student Refunds.
- Registration of students with the Pharmacy Council of Pakistan (PCP)
- Addressing complaints of the students
- Information/Query center for students and parents/guardians.
- Scholarships
- Transfer of credits.
- Maintenance of students complete academic record.
- Financial concessions (siblings, death of the bread earner etc.)
- Facilitation of alma mater



# Message from Advisor Student Affairs



**Prof. Dr. Mustafeez Mujtaba Babar**

Ph.D., M.Phil., M.Sc., Pharm.D. (R.Ph., Pak.)

Professor

Advisor Student Affairs

Program Director (ICMC-Pharm.D.)

On behalf of the Student Affairs Office staff, I would like to welcome you all to the Shifa College of Pharmaceutical Sciences. We are greatly pleased to have you join our SCPS family. By joining the institute, you shall become a part of one of the most sophisticated and well-established health care setups of the country. You shall embark on a path full of hope. During your time with us, the Student Affairs Office staff would help you take full advantage of the opportunities and challenges that would rise during your stay at this higher seat of learning.

We are dedicated to meet the needs of each and every student. Here at SCPS, we have an outstanding faculty, a welcoming staff, a beautiful and well equipped campus and an atmosphere conducive for achieving your academic goals. We would encourage you to join one of our 10 registered student and professional societies under the office of Student Engagement and Participation, that offer you an opportunity to network, strengthen your leadership skills and to contribute to personal growth and community service. We pride ourselves in providing a caring atmosphere to the students and their families, faculty, staff and alumni. We are committed to respect empathize and take pride in all we do.

We would like you to know that we care about you as an individual and want you to be a successful person and professional. We would try our level best to accommodate your requests and help make your time at SCPS a cherished memory.

Maimoona Shah Zaman	Senior Coordinator
Aqsa Naz	Senior Coordinator
Muneeba Zafar	Program Secretary
Muhammad Humayun Tahir	Program Secretary
Tayyab Azmat	Program Secretary
Rana Mumtaz Ahmed	Coordinator
Zafar Mehmood	Data Entry Operator

## IMPORTANT LINKS

WEBSITE: <https://stmu.edu.pk>

STUDENT AFFAIRS PORTAL: [sites.google.com/stmu.edu.pk/fpahs-sao](https://sites.google.com/stmu.edu.pk/fpahs-sao)

LEARNING MANAGEMENT SYSTEM: <http://lms.stmu.edu.pk>



# Office of Student Engagement and Participation

The students of SCPS are encouraged to join student societies in order to get maximum benefit from university life. The societies were established in order to promote co-curricular and extra-curricular activities in the university, thereby enabling the Shifaitees as well-rounded graduates who can be active and responsible members of the society. Being an integral part of the Student Affairs Office, the student societies are headed by the Proctor Societies who is responsible for the administrative and managerial aspects of these student bodies.

**Shifa Adventure Society** – arranges educational and excursion trips to various locations in Pakistan with an aim to promote the cross-cultural interaction.

**Shifa Volunteers' Society** – has been established to promote a sense of civic responsibility and community service among the students.

**Shifa Science and Research Society** – organizes seminars, workshops and training sessions to promote the involvement of students and faculty members in research and development.

**Shifa Sports Society** – working under the SCPS sports committee. It organizes sports events to promote the involvement of students in healthy activities and develop sportsmanship in them.

**Shifa Horticulture Society (Shifa Environmental Society)** – aims at promoting the involvement of students in activities related to the promotion of planting and use of medicinal plants. The society is also involved in plantation drives to lessen the impact of climate change on the local and global environment.

**Shifa Arts and Culture Society** – organizes events on occasions of regional, national and international importance in order to promote the love for cultural and human heritage.

**Shifa Literary Society** – is involved in organizing events for the linguistics and literature lovers. It is also involved in the publication of intra-departmental journals and newsletters.

**SCPS Character Building Society** – in line with the recommendations of Higher Education Commission, Pakistan is involved in organizing events to educate the students in light with the religious and cultural norms and plays an important role towards personality building and grooming of the students.







# **Doctor of Pharmacy (Pharm.D.) 5 years program**

## **Degree in brief**

NQF Level:	<b>6</b>
<b>(Undergraduate)</b>	
Nos of years:	<b>5</b>
No. of blocks:	<b>20</b>
No. of Modules:	<b>72</b>
Min. duration:	<b>5 Years</b>
Max. allowable duration:	<b>8 Years</b>
Laboratory Training:	<b>Yes</b>
Clinical training:	<b>Yes</b>
Research / Senior year project:	<b>Yes</b>
Community Service:	<b>Yes</b>



## Messages from the Program Team

As the Dean of Faculty of Pharmaceutical and Allied Health Sciences, it is my privilege to share our commitment to excellence in pharmaceutical education through the Doctor of Pharmacy Integrated Learning Environment (ILE) Program. At SCPS, we take immense pride in our innovative and transformative approach to pharmacy education. Our ILE Program is dedicated to preparing you, our future pharmacists, to be practice-ready at the time of graduation. We have meticulously designed a curriculum that aligns with international standards, employs cutting-edge instructional strategies, and employs effective assessment techniques. In addition to our rigorous academic pursuits, we strongly believe in holistic development. Through co-curricular and extra-curricular activities managed by our dedicated offices, you will have opportunities to nurture essential competencies and become responsible healthcare professionals and citizens. Our specialized Mentorship and Advisorship Program for Students (MAPS) will provide personalized support and guidance throughout your academic journey, ensuring your success. As you consider joining our program, know that SCPS is a place where knowledge meets innovation, and dreams meet reality. We are committed to your growth, and we are excited to embark on this educational journey with you. Welcome to SCPS, where we shape future leaders in pharmacy and allied health sciences.

**Prof. Dr. Tausif A. Rajput**  
Dean, FPAHS

The Doctor of Pharmacy Integrated Learning Environment (ILE) Program Team, under the Deanship of Faculty of Pharmaceutical and Allied Health Sciences, is focused on transforming our students to be practice-ready pharmacists at the time of graduation. Our meta-curricular approach has merged the internationally recognized and adapted curriculum design and development process with instructional strategies, aimed at developing active learners, and assessment techniques that aid the adequate formative and summative assessment of the learners. In addition, the co-curricular and extra-curricular activities managed through the Dean's Office, Student Affairs Office (SAO) and Office of Student Engagement and Participation (OSEP) and our specialized learner-centered Mentorship and Advisorship Program for Students (MAPS) help the learners to develop the essential competencies that can aid their long-term relevance and essentiality as a responsible healthcare professional and citizen.

**Prof. Dr. Mustafeez Mujtaba Babar**  
Program Director (ICMC-Pharm.D.)



The fast-paced development in the field of medical and pharmaceutical sciences necessitates the training of healthcare professionals according to the international practices in clinical education. Our Integrated, Contextual, Modular Curriculum is focused on the training of individuals to be active, life-long learners, who would ultimately be able to employ these best practices for the advancement of pharmacy profession. By using a combination of techniques aimed at developing both the didactic and experiential learning of our students, we focus on teaching through interactive sessions, group discussions, hands-on practical sessions, extern/ intern/ clerkships and independent immersions, all of which help the learners in achieving the desired outcomes in an effective manner.

**Dr. Madiha Ahmed**

Assistant Program Director (Instructional Modalities)

Our Integrated Contextual Modular Curriculum is a competency-based curriculum that demands the well-designed assessment modalities to assure the achievement of intent of curricular design. Our innovative assessment system integrates learning, grading and motivation to encourage active learners. In ICMC, we ensure the quality of education we are providing to meet the expectation of both the learner and the educator. A structured assessment system has been introduced, that achieves the learning outcomes and assess the learner on the basis of formative (through defined rubrics) and summative assessments (through SEQs SAQs, MCQs, IPE, OSCE, OSPE). The assessment is further divided in three major domains i.e., knowledge based, skill based and attitude-based strategies. Integrated Practical examination (IPE) evaluates psychomotor skills of our active learners with integrated tasks of different modules. OSPE and OSCE assess the clinical skills required for the practical implementation of patient care and pharmaceutical care plans. These improvements can enhance the efficiency and quality of pharmacy education while fostering professional success of pharmacist.

**Dr. Rabia Gul**

Assistant Program Director (Assessment Modalities)



# Introduction of Doctor of Pharmacy Program

Pharmacy is a science-based health profession concerned with medicines and their use in the treatment and prevention of disease. The aim of pharmacy education at SCPS (STMU) is to educate and train healthcare professionals who have the knowledge and expertise to fulfill their roles both in the health care and beyond. Pharm.D. is the first program being offered which will help to fulfill the urgent demand for more graduate trained pharmacists across the country, taking into consideration the growth and development of pharmaceuticals during the last few years particularly in the twin cities of Rawalpindi and Islamabad.

**Shifa College of Pharmaceutical Sciences is the pioneer and only institute in Pakistan to offer Integrated Contextual Modular Curriculum (ICMC) in Pharmacy education.**

Pharmacy is a practice-based health profession concerned with medicines and their use in the treatment and prevention of disease. SCPS (STMU) aims to educate and train pharmacists to obtain the knowledge and expertise to fulfil their role in health care. In order to practically achieve this aim, SCPS took an initiative to revise the current curriculum in line with the U.S.A. educational guidelines to train pharmacists who can be an important component of the healthcare and biomedical systems. This curriculum has been designed in accordance with the aims and objectives of the Pharmacy Council of Pakistan and the Higher Education Commission, Pakistan to cater for objective based/ outcome based - HEC new guidelines for both the national requirements and emerging needs.

The curriculum model is packaged into the **Foundation year** and

**Senior year.** Foundation year focuses on the basic concepts; further operationalized and reinforced in the practice years. Conversely, the practice years include three main streams: **Pharmacotherapy, Formulation Development and Nation building.** Nation building which incorporates various aspects of behavioural and social sciences, was added. Towards the end of the degree program, a period has been provided in which the learners would be **immersed in independent practice setting.** Evidently, this model would ensure that the SCPS pharmacy graduates are adequately capacitated to identify, critically analyze, design and develop solutions in their professional fields.

Furthermore, this curriculum integrates the pharmaceutical sciences with clinical therapeutics and patient care to achieve pharmacist competencies of international standards in all sectors - community, primary care, hospital, industry, regulatory, research & development and academia. Notwithstanding the academic excellence, the focus at SCPS is on mentoring and development of the learners to serve as accountable members of the society. The pharmacy educational programs at SCPS is abridged to fulfil the current needs regarding professionalism, marketability, employability, and entrepreneurship.

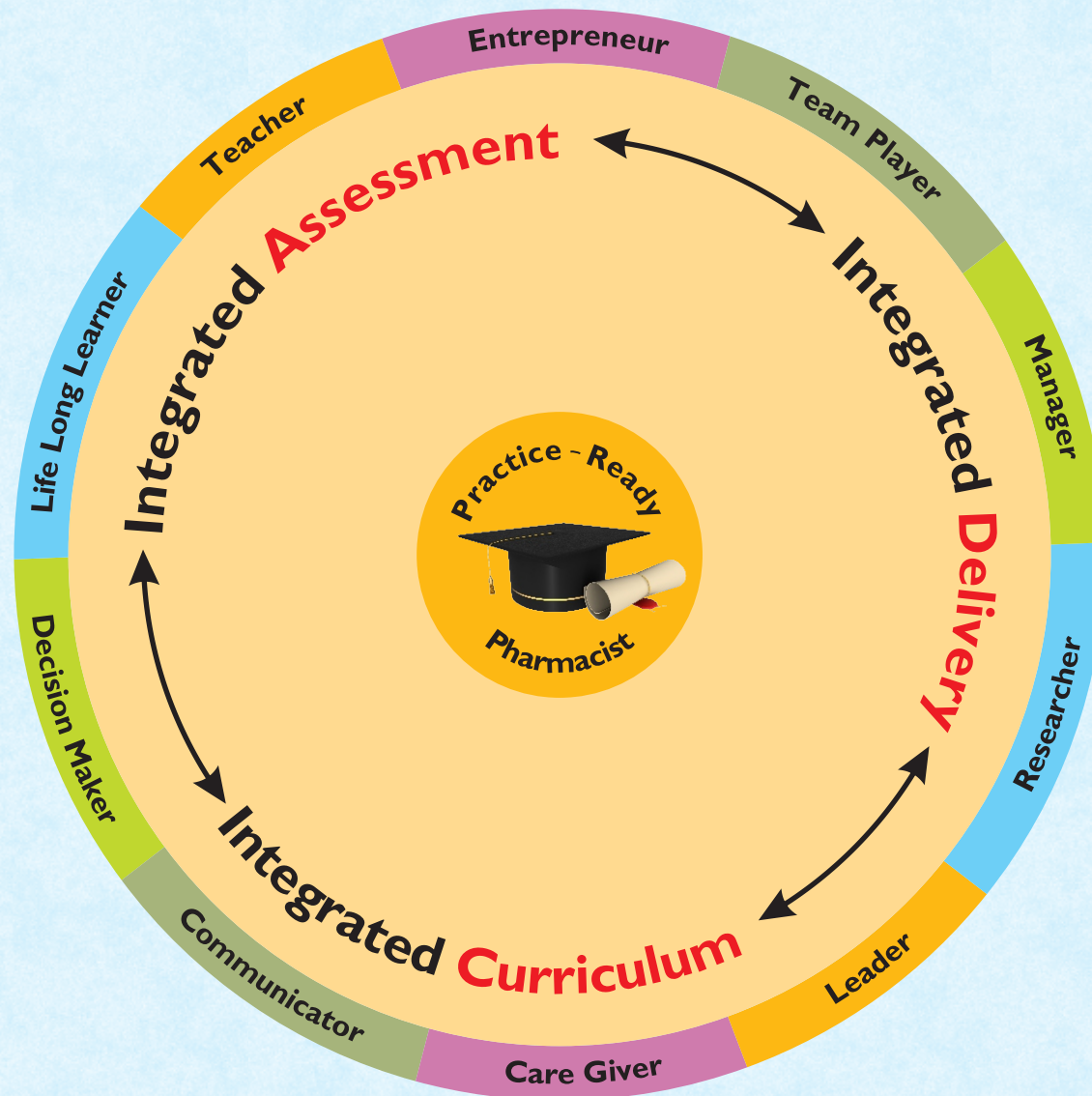
# Program Educational Objectives (PEOs)

The program curriculum has been designed to achieve the following PEOs:

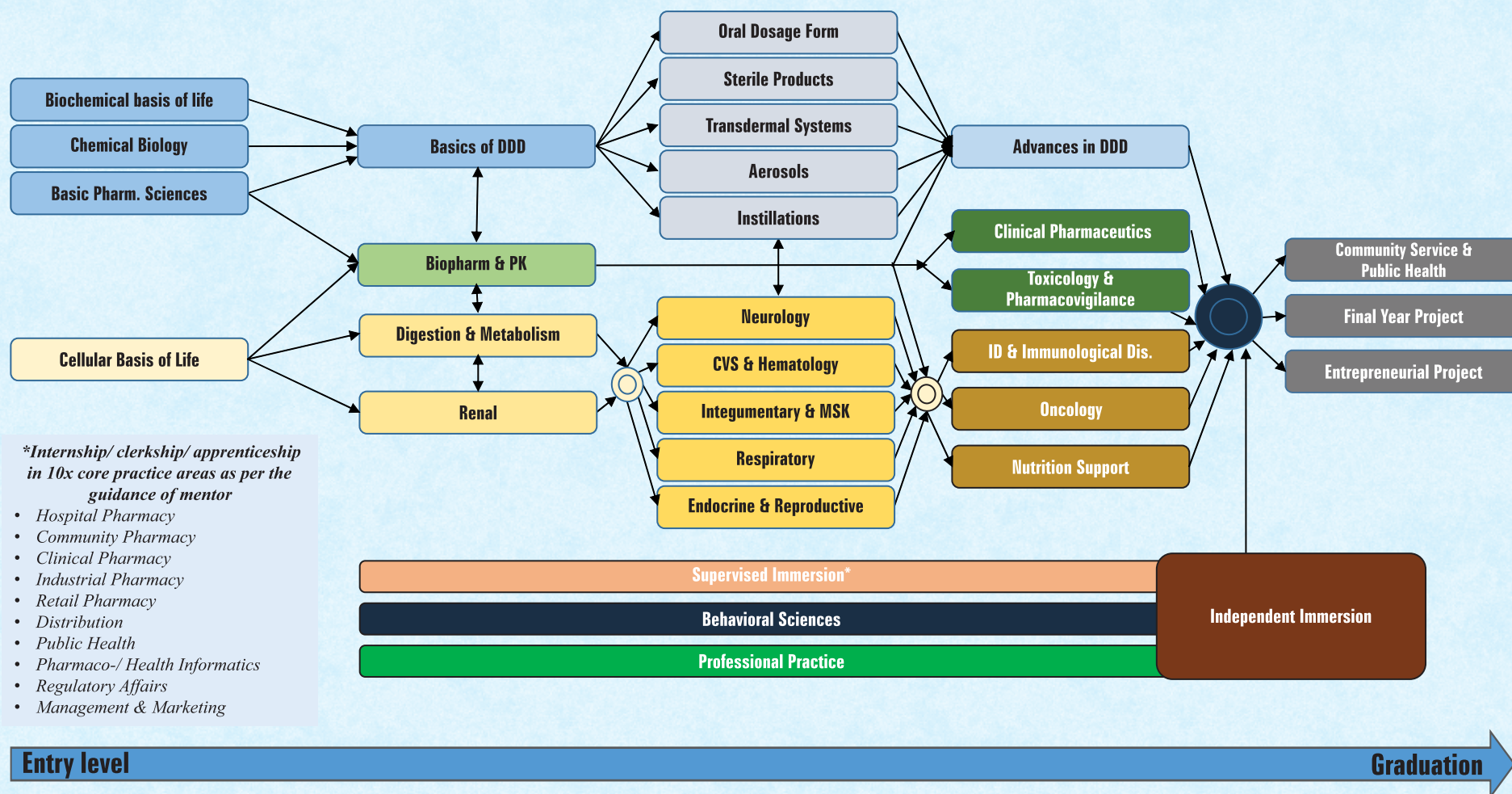
- PEO I** — To produce graduates who possess adequate knowledge, attitude and skills that ensure that they can effectively contribute to the product development process
- PEO II** — To produce graduates who would be able to integrate and apply the basic principles of pharmaceutical sciences and product development to drug therapy and human health
- PEO III** — To produce graduates who design, develop, apply, assess and optimize the safe, appropriate and cost-effective pharmacotherapy protocols
- PEO IV** — To produce graduates whose competence, innovation and entrepreneurial skills can support and contribute to the development of a pharmaceutical or related industry
- PEO V** — To produce graduates who can harness their knowledge and skills for the design and development of self-sustaining technopreneurial projects that can address the national and international needs
- PEO VI** — To produce graduates with excellent communication, teamwork and leadership skills so that they play an influential role and a key part in shaping better patient care
- PEO VII** — To produce graduates having expertise in interpretation and assessment of patients' conditions to implement and adjust pharmacotherapy plans accordingly.
- PEO VIII** — To produce graduates with skills in optimizing physical and technological resources for managing patient's healthcare needs.
- PEO IX** — To produce graduates capable of designing strategies for the prevention or management of chronic diseases, and the maintenance of health; both at individual and community level.
- PEO X** — To produce graduates having the skills to develop guidelines for assessing the health status of a target population and to practice evidence based, patient-centered care.
- PEO XI** — To produce graduates who can develop as well as implement programs and protocols based on strategic analyses of epidemiological, pharmacoeconomic, and medication-use data and risk-reduction approaches.
- PEO XII** — To produce graduates who can exhibit professional behavior and ethical values in line with the trust bestowed upon the profession by patients, inter-professional collaborators, and society.
- PEO XIII** — To produce graduates who are committed to life-long learning and the professional development process to ensure that they are interested and dedicated to equip themselves with the knowledge of the latest evidence base in the field of pharmacy practice and product development



# Competency-Driven Curriculum

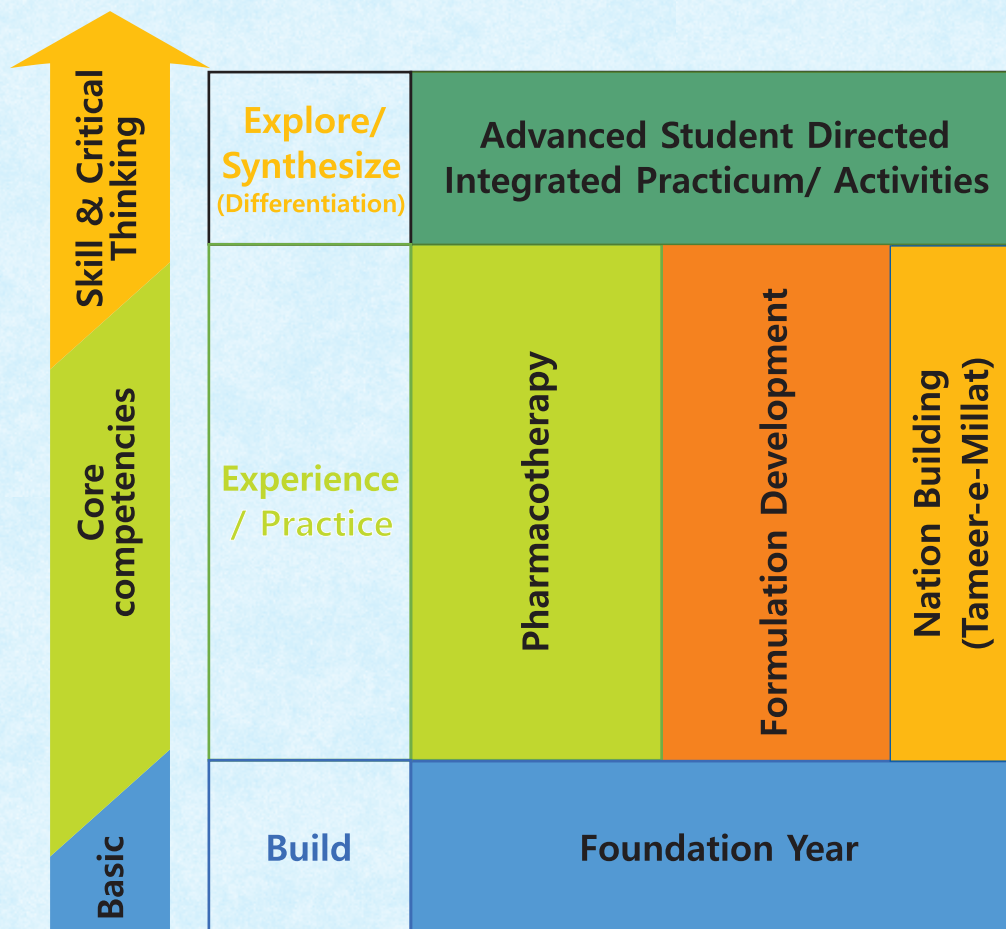


# Vertizontal Alignment of Meta-curricular Academic Streams





# Program Design



The student shall be able to develop integrated projects (products/ procedures/ set-ups) to ensure safe, efficacious and cost-effective use of medicines through production, use, promotion, entrepreneurship and scholarship.

The student shall be able to:

- Plan a pharmacotherapeutic intervention plan for the patients suffering from a specific diseased state.
- Develop an understanding of technical, technological, managerial, regulatory and financial requirements of establishing a pharmacist-run practice set-up.
- Contribute to the fulfilment of national needs as an active member of the society as a person and a professional.

The student shall develop an understanding of the biological, chemical and physical processes involved in the preparation of drug molecules/ dosage forms and the mechanisms that lead to the establishment of their pharmacological actions at molecular, cellular, organ and organismal level.

# Scheme of Studies for Pharm.D. Program

Year	Blocks (04)	Modules (14)	Courses
Foundation Year (1st Professional)	I	Biochemical Basis of Life I Basic Pharmaceutical Sciences I Cellular Basis of Life I Nation Building I	<ul style="list-style-type: none"> <li>Organic Chemistry</li> <li>Biochemistry</li> <li>Anatomy and Histology</li> <li>Physiology</li> <li>Ideology and Constitution of Pakistan</li> <li>Pathology</li> <li>Physical Pharmacy</li> <li>Pharmacognosy</li> <li>Pakistan Studies</li> <li>Cell Biology</li> <li>Pharmaceutical Microbiology and Immunology</li> <li>Molecular Biology</li> <li>Pharmaceutical Mathematics and Biostatistics</li> <li>Foundation of Ethics</li> <li>Computer and its Application in Pharmacy</li> <li>Functional English</li> <li>Quantative reasoning</li> </ul>
	II	Biochemical Basis of Life II Basic Pharmaceutical Sciences II Cellular Basis of Life II Nation Building II	
	III	Chemical Biology I Basic Pharmaceutical Sciences III Cellular Basis of life III Biochemical Basis of life III Nation Building III	
	IV	Chemical Biology II Basic Pharmaceutical Sciences IV Cellular Basis of Life IV Nation Building IV	
Year	Blocks (04)	Modules (12)	Courses
Freshman Year (2nd Professional)	V	Basics of Drug Discovery & Development I Neurosciences I Biopharmaceutics and Pharmacokinetics I Nation Building V	<ul style="list-style-type: none"> <li>Medicinal Chemistry</li> <li>Pharmaceutical Analysis</li> <li>Anatomy and Histology</li> <li>Physiology</li> <li>Pathology</li> <li>Pharmacology and Therapeutics</li> <li>Pharmacotherapy</li> <li>Pharmacognosy</li> <li>Biopharmaceutics</li> <li>Dosage Form Science</li> <li>Clinical Pharmacy</li> <li>Dispensing, Community, Social and Administrative Pharmacy</li> <li>Understanding of Quran I</li> <li>Understanding of Quran II</li> <li>Bioethics</li> <li>Hands-on Training/Internship</li> <li>Philosophy of Life</li> </ul>
	VI	Basics of Drug Discovery & Development II CVS I (CVS) Biopharmaceutics and Pharmacokinetics II Nation Building VI	
	VII	Sterile Products CVS II (CVS & Hematology) Professional Practice II Nation Building VII	
	VIII	Oral Dosage Form I Gastrointestinal System Nation Building VIII Integrated Practice IA (Retail & Community)	



# Scheme of Studies for Pharm.D. Program

Year	Blocks (04)	Modules (15)	Courses
Sophomore Year (3rd Professional)	IX	Oral Dosage Form II Renal System Nation Building IX Integrated Practice IB (Retail & Community)	<ul style="list-style-type: none"> <li>Medicinal Chemistry</li> <li>Pharmaceutical Analysis</li> <li>Anatomy and Histology</li> <li>Physiology</li> <li>Pathology</li> <li>Pharmacology and Therapeutics</li> <li>Pharmacotherapy</li> <li>Pharmacognosy</li> <li>Biopharmaceutics</li> <li>Dosage Form Science</li> <li>Clinical Pharmacy</li> <li>Dispensing, Community, Social and Administrative Pharmacy</li> <li>Computer and its Application in Pharmacy</li> <li>Functional English</li> <li>Hospital Pharmacy</li> <li>Bioethics</li> <li>Artificial Intelligence in Pharmacy</li> <li>Industrial Pharmacy</li> <li>Hands-on Training/Internship</li> </ul>
	X	Insertions Endocrine & Reproductive System Nation Building X	
	XI	Aerosols & Inhalations Respiratory System Nation Building XI Integrated Practice II-A (Hospital IPD Pharmacy Practice)	
	XII	Topical and Transdermal Systems Integumentary System and MSK System Nation Building XII Integrated Practice II-B (Hospital OPD Pharmacy Practice)	
Year	Blocks (04)	Modules (15)	Courses
Junior Year (4th Professional)	XIII	Pharmaceutical Engineering Neurosciences II Nation Building XIII Integrated Practice III (Industrial Pharmacy Practice)	<ul style="list-style-type: none"> <li>Medicinal Chemistry</li> <li>Pharmaceutical Analysis</li> <li>Anatomy and Histology</li> <li>Physiology</li> <li>Pathology</li> <li>Pharmacology and Therapeutics</li> <li>Pharmacotherapy</li> <li>Pharmacognosy</li> <li>Biopharmaceutics</li> <li>Dosage Form Science</li> <li>Clinical Pharmacy</li> <li>Dispensing, Community, Social and Administrative Pharmacy</li> <li>Behavioral Sciences</li> <li>Computer and its Application in Pharmacy</li> <li>Functional English</li> <li>Hospital Pharmacy</li> <li>Industrial Pharmacy</li> <li>Forensic Pharmacy</li> <li>Sociology</li> <li>Bioethics</li> <li>Hands-on Training/Internship</li> </ul>
	XIV	Clinical Pharmaceutics Nutrition Support Nation Building XIV Integrated Practice IV-A (Clinical Pharmacy Practice)	
	XV	Infectious Diseases Nation Building XV Integrated Practice IV-B (Clinical Pharmacy Practice)	
	XVI	Pharmacovigilance and Toxicology Oncology Nation Building XVI Integrated Practice IV-C (Clinical Pharmacy Practice)	

# Scheme of Studies for Pharm.D. Program

Year	Blocks (04)	Modules (16)	Courses
Senior Year (5th Professional)	XVII	Advances in DDD I Nation Building XVII Research Methodology I Integrated Practice IV-D (Clinical Pharmacy Practice)	<ul style="list-style-type: none"> <li>▀ Medicinal Chemistry</li> <li>▀ Pharmaceutical Analysis</li> <li>▀ Anatomy and Histology</li> <li>▀ Physiology</li> <li>▀ Pathology</li> <li>▀ Pharmacology and Therapeutics</li> <li>▀ Pharmacotherapy</li> <li>▀ Pharmacognosy</li> <li>▀ Biopharmaceutics</li> <li>▀ Dosage Form Science</li> <li>▀ Clinical Pharmacy</li> <li>▀ Dispensing, Community, Social and Administrative Pharmacy</li> <li>▀ Behavioral Sciences</li> <li>▀ Pharmaceutical Mathematics and Biostatistics</li> <li>▀ Computer and its Application in Pharmacy</li> <li>▀ Forensic Pharmacy</li> <li>▀ Functional English</li> <li>▀ Hospital Pharmacy</li> <li>▀ Industrial Pharmacy</li> <li>▀ Forensic Pharmacy</li> <li>▀ Pharmaceutical Mathematics and Biostatistics</li> <li>▀ Pharmaceutical Management and Marketing</li> <li>▀ Hands-on Training/Internship</li> </ul>
	XVIII	Advances in DDD II Nation Building XVIII Research Methodology II Integrated Practice IV-E (Clinical Pharmacy Practice)	
	XIX	Community Service & Public Health Entrepreneurship Final Year Project Student-Led Clerkship	
	XX	Community Service & Public Health Entrepreneurship Final Year Project Student-Led Clerkship	

Note: Philosophy of life will be offered for minorities.



# Foreign Seats

10% of the total seats have been reserved for foreign students. The main aim is to encourage and facilitate Pakistani expatriates and foreigners to establish linkages to Pakistan. Moreover, we aim to provide state-of-the-art education facilities to the students from the developing countries at affordable rates. This would help in establishing STMU as an international seat of quality learning and research.

## Eligibility Criteria

1. The candidates who meet the following criteria are eligible to apply on the foreign seats:
  - a. Foreign national/ dual national/ overseas (being a Pakistani citizen permanently resident in a foreign country) Pakistani student, and who has studied and passed HSSC 12th grade examination or equivalent from outside Pakistan and is a resident of a foreign country at the time of applying for admission and possess a certificate from the institution last attended to this effect having completed last two years of schooling from abroad.  
(or)
  - b. Pakistani student who have completed their previous educational certificate/ degree/ achievement from Pakistan or abroad while being affiliated with a foreign educational system (GCSE/ Cambridge or likewise)
2. Minimum sixty percent (60%) marks in aggregate, in an examination of a course from a foreign university or its examining body or its education system in at least three subjects i.e. Biology, Chemistry and

Physics and such course must have been duly certified by IBCC as equivalent to HSSC, F.Sc. (Pre-Medical) or Intermediate level of Pakistan.

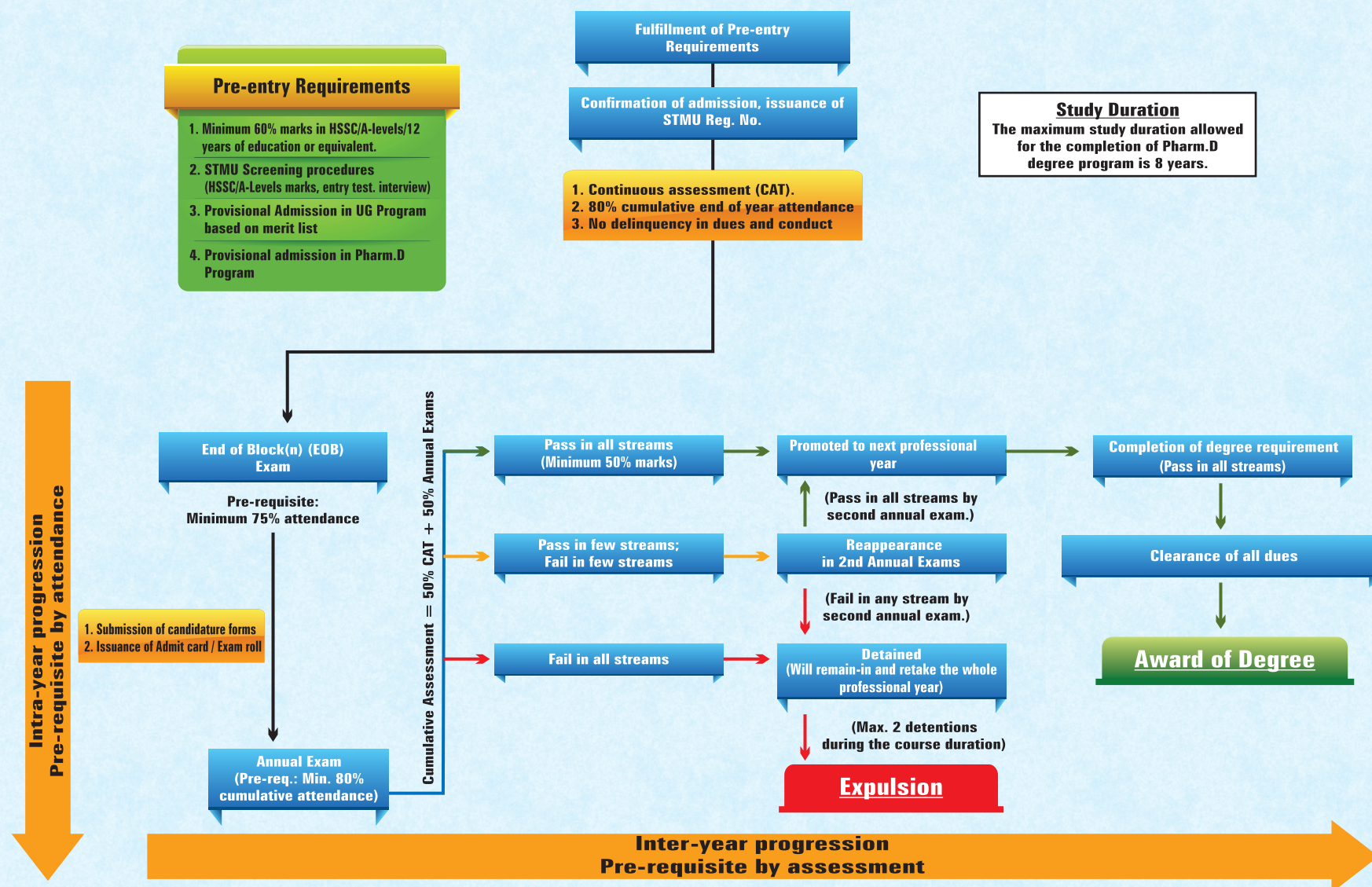
3. Pakistani students having passed from foreign education system (i.e. O levels, A levels etc).
4. Equivalence by IBCC (in case of foreign qualification or where applicable).

## Financial, Academic and Administrative Policies

The students admitted on foreign seats should submit USD315 as admission processing fee. **The cumulative annual fee is USD 6,534/-** (including tuition fee, enrollment fee, exam fee, Extracurricular Activities fees) exclusive of hostel dues (charged as per actual and subject to availability of room/ seat). The security fee is 13,650/- PKR and Pharmacy Council Registration Fee is 2000/- PKR. Such reserved seats are non-convertable/ non-transferable to regular open merit seats in later year.

The international students should be subjected to the same academic and disciplinary regulations as applicable to the students selected on general merit seats. The STMU Charter, STMU Statutes, Academic Regulations and STMU Code of Ethics & Conduct should be referred for all academic, disciplinary, legislative and administrative issues.

# Guidelines to Earn the Degree of Doctor of Pharmacy



Note: The guidelines shall be read in conjunction with the academic regulations of the university as may be determined/notified from time to time.



# Examination and Grading Policy

An effective examination and assessment system is the soul of the education system at STMU. The assessment system is highly structured and includes formative assessment (Assignments, SGDs, PBLs and quizzes) carrying 10% marks and End of Block (EOB) exam carrying 40% marks followed by the University annual exam holding a weightage of 50%. Following is the break-up of overall annual percentage of each assessment modality:

## A- Continuous Assessment (CAT)

Formative Assessment	10%
Summative Assessment / End of Block (EOB) Exam	40%
Total	50%

## B- University Examination

Annual Exam	50%
Total	100%

- 75% attendance in each module is the minimum eligibility to appear in the End of Block(s) (EOB) Exam of the respective module.
- 80% cumulative End of year attendance is mandatory to appear in the University Annual Exam.

All the examinations are conducted in-line with the Examination Regulations provided in the Conduct of Examinations and Academic Regulations of STMU. In case a student does not follow the decorum of the examination center or s/he is found in possession of any academic

material during the exam, s/he would be liable to a disciplinary action as recommended by the Examination Disciplinary Committee which might range from warning to expulsion from STMU.

## Grading Policy

Letter Grade	Percentage
A+	90-100
A	80-89
B	70-79
C	60-69
D	50-59
F	<50

\*Percentage in decimals will be rounded off as per University Exam Policy.

# **Master of Philosophy in Clinical Pharmacy Practice**

## **[M.Phil. (Clinical Pharmacy Practice)]**

### **2 years program**

#### **Degree in brief**

NQF Level:	<b>7 (Postgraduate)</b>
Total semesters:	<b>4</b>
No. of semesters/ calendar year:	<b>2 (regular)</b>
Total Credit Hours (CH):	<b>38</b>
Min. duration:	<b>2 Years</b>
Max. allowable duration:	<b>4 Years</b>
Clinical training:	<b>Yes</b>
Research/ thesis based:	<b>Yes</b>



# M.Phil. Clinical Pharmacy Practice Program

## Introduction:

Shifa College of Pharmaceutical Sciences (SCPS) was established under the umbrella of Shifa Tameer-e-Millat University to cater the needs of the clinical, hospital, industrial and retail pharmacy set up. The institute is in a distinctive position due to its affiliation with a world class health care system at Shifa International Hospital (SIH). It is the only model institute which is in the unique position of being a tertiary care setup along with a teaching institution for Pharmaceutical Sciences through its affiliation with Shifa Tameer-e-Millat University (STMU). This unique position (an institution with hospital & clinical pharmacy setup and a HEC & PCP recognized institution imparting education in pharmaceutical sciences) can be effectively utilized (with minimal resources and magnified outcome) to foster the development of clinical pharmacy practice within the pharmacy profession.

The M.Phil. in Clinical Pharmacy Practice is a post graduate program which is first of its kind in the country that would offer the pharmacists a platform to develop advanced skills and knowledge which can be applied for the betterment of their profession and healthcare. This PG program is associated with a particular career path of clinical pharmacy but most skills can be applied to a range of employment situations in clinical, hospital, retail/ community and industrial set up. The program is designed for registered pharmacists who are looking to extend their clinical knowledge and skills in order to succeed in clinically-orientated careers within a variety of healthcare and academic settings. It would help in building on the existing knowledge of disease states, pharmacology and pharmacokinetics to enable application in a clinical setting. The scholars would be equipped to assess drug therapy for

effectiveness, safety, compatibility and use this information to make effective interventions and develop and document pharmaceutical care plans. The program would contribute to producing academicians in the area of Clinical Pharmacy Practice for teaching of relevant undergraduate courses (Pharm. D).

## Program objectives:

The objectives of the M.Phil. Clinical Pharmacy Practice program; are in line with the pharmacy council of Pakistan regulations, 2005, as follows.

- To train the candidates as ambitious and productive academicians, researchers, practitioners, and managers for academia, hospital settings, and the healthcare profession.
- To improve the practical knowledge of the students about advancements in treatment and care of a patient for the purpose of both preventing and combating disease.
- To familiarize the students with the quality aspects of clinical pharmacy application in hospital settings.
- To provide an exposure to the professional environment in the clinical pharmacy services with a focus on patient bed site teaching and pharmaceutical care planning.
- To offer an advanced level of knowledge and training with practical experience, covering a variety of specialist areas of the hospital.
- To induce time management and organization skills by designating individual and team- based projects for the learners.
- To create an environment and opportunities for candidates to acquire stable positions among the competing institutions within the country and abroad in conformity to the international standards of education & research.

# Scheme of Studies M.Phil. Clinical Pharmacy Practice Program

## FIRST YEAR

### First Semester

Course Code	Module	Course Title	CH(s)
PCTP 6004	Theory	Therapeutics – I	4
PCPA 6003	Theory	Clinical Pharmacy Applications - I	3
PCPL 6001	Clinical	Clinical Pharmacy Learning – I	1
PCRT 6001	Clinical	Clinical Rotations – I	1
PRMT 6003	Theory	Research Methodology – I	3
PFUQ 6001	Theory	Understanding of Quran – I	1
Total Credit Hours			13

### Second Semester

Course Code	Module	Course Title	CH(s)
PCTP 6014	Theory	Therapeutics – II	4
PCPA 6013	Theory	Clinical Pharmacy Applications – II	3
PCPL 6011	Clinical	Clinical Pharmacy Learning – II	1
PCRT 6011	Clinical	Clinical Rotations – II	1
PBST 6013	Theory	Biostatistics – I	3
PFUQ 6011	Theory	Understanding of Quran – II	1
Total Credit Hours			13

## LIST OF ADDITIONAL, NONCREDITED COURSES

Course Code	Course Title**
PNAT 6000	Research Ethics
PNAT 6010	Teaching Methodologies
PNAT 6020	Writing and Communications in Science
PNAT 6030	Technopreneurship

## SECOND YEAR

### Third & Fourth Semesters

Course Code	Module	Course Title	CH(s)
PMRW 7006	Research	Synopsis and research work	6
PMRW 7016	Research	Publication(s) and thesis	6
Total Credit Hours			12

## PROGRAM SUMMARY

PG Program	Credit Hours
First Semester	13
Second Semester	13
<b>Total Course Work</b>	<b>26</b>
Third & Fourth Semester	12
<b>Total Research Work</b>	<b>12</b>
<b>Total CH(s)</b>	<b>38</b>



# **Master of Philosophy in Pharmacology (Molecular)**

## **[M.Phil. Pharmacology (Molecular)]**

### **2 years program**

#### **Degree in brief**

NQF Level:	<b>7 (Postgraduate)</b>
Total semesters:	<b>4</b>
No. of semesters/ calendar year:	<b>2 (regular)</b>
Total Credit Hours (CH):	<b>38</b>
Min. duration:	<b>2 Years</b>
Max. allowable duration:	<b>4 Years</b>
Clinical training:	<b>No</b>
Research/ thesis based:	<b>Yes</b>

# M.Phil. Pharmacology (Molecular) Program

## Introduction:

Shifa College of Pharmaceutical Sciences is committed to bridging the gap between the basic and applied research in the field of pharmaceutical sciences. Innovative research programs have been developed in light of international guidelines and market-scope to add to the knowledge base and commercial value of pharmaceutical products. M.Phil. Pharmacology (Molecular) program at Department of Basic Medical Sciences, Shifa College of Pharmaceutical Sciences would provide the scholars an integrated, broad-based research training in the field of advanced pharmacology. The program intends to teach pharmacological approaches to integrate a variety of research methods incorporating the techniques and tools of molecular biology, electrophysiological studies on single cells and whole tissues, whole organism studies and human volunteer programs of study. This can lead to new drug discoveries, as well as a better understanding of the way in which the human body works.

The faculty members at Shifa College of Pharmaceutical Sciences have a broad range of research expertise spanning through the various phases of development of effective pharmacological interventions. Their expertise ranges from in vivo models development through to molecular pharmacology, and computational biology through to clinical application. The focus of the research would initially be focused on utilizing integrated physiological and pharmacological approaches with biochemical and molecular techniques to study disease states, underlying mechanisms of disease and drug actions, with a view to identifying novel mechanisms, therapeutic targets and agents with a clinical and translational focus.

## Mission Statement of Program:

The M.Phil. Pharmacology (Molecular) program offered at the Department of Basic Medical Sciences, SCPS, has been designed to develop the research skills of the scholar based on a deeper understanding of the molecular mechanism of disease and potential intervention strategies. This unique program would help graduates to work as interdisciplinary scientists in various fields, including pharmacology, molecular pharmacology, biochemistry, microbiology, bioinformatics, and computational biology. This program makes the student able to collaborate with researchers from allied fields to produce applied research to improve the national health care program.

## Program Objectives:

These learning objectives provide a comprehensive framework for an M.Phil. program in Pharmacology (Molecular), allowing students to develop expertise in understanding the intricate molecular interactions between drugs and biological systems. The objectives of the M.Phil. Pharmacology (Molecular) Program is in line with Pakistan's pharmacy council regulations, 2005, as follows.

- To develop a cohesive research strategy that may assist Pharmacology researchers in designing, monitoring, and implementing clinical trials, toxicological studies, and intervention studies.
- To learn the application of biostatistics in research and relevant fields
- To strengthen logical and analytical skills.
- To prepare scholars for careers in Academia, Regulatory Affairs, Pharmacovigilance, Clinical study coordination, drug safety monitoring, Immunology, etc.



# Scheme of Studies M.Phil. Pharmacology (Molecular) Program

## First Semester

Sr. No.	Theory	CH(s)	Sr. No.	Theory	CH(s)
1	Core course 1	3	1	Core course 3	3
2	Core course 2	3	2	Core course 4	3
3	Elective course 1	3	3	Elective course 3	3
4	Elective course 2	3	4	Elective course 4	3
5	Understanding of Quran-I	1	5	Understanding of Quran-II	1
Total		13	Total		13

## Second Semester

## Third & Fourth Semesters

Course Code	Module	Course Title	CH(s)
Core Courses			
PMRW 7006	Research	Synopsis and research work	6
PMRW 7016	Research	Publication(s) and thesis	6
Total Credit Hours			12

## List of Core Courses

Course Code	Module	Course Title	CH(s)
PPMC 6103	Theory	Principles of Molecular Pharmacology	3
PBCH 6043	Theory	Molecular Bioinformatics	3
PBST 6013	Theory	Bio-statistics-I	3
PRMT 6003	Theory	Research Methodology-I	3

## List of Elective Courses

Course Code	Module	Course Title	CH(s)
PBCH 6053	Theory	Cell Signaling	3
PPMC 6113	Theory	Pharmacogenetics	3
PPMC 6123	Theory	Modern Techniques in Basic Molecular Pharmacology	3
PPMC 6133	Theory	Fundamentals of Immunopharmacology	3
PPMC 6143	Theory	Neuroinflammation	3
PPMC 6153	Theory	Cancer Biology and Pharmacology	3
PPMC 6163	Theory	ANS Pharmacology	3
PPMC 6173	Theory	Kidney, CVS and Respiratory System Pharmacology	3

## LIST OF ADDITIONAL, NONCREDITED COURSES

Course Code	Course Title**
PNAT 6000	Research Ethics
PNAT 6010	Teaching Methodologies
PNAT 6020	Writing and Communications in Science
PNAT 6030	Technopreneurship

## PROGRAM SUMMARY

PG Program	Credit Hours
First Semester	13
Second Semester	13
Total Course Work	26
Third & Fourth Semester	12
Total Research Work	12
Total CH(s)	38

# **Master of Philosophy in Pharmaceutical Chemistry**

## **[M.Phil. (Pharmaceutical Chemistry)] 2 years program**

### **Degree in brief**

NQF Level:	<b>7 (Postgraduate)</b>
Total semesters:	<b>4</b>
No. of semesters/ calendar year:	<b>2 (regular)</b>
Total Credit Hours (CH):	<b>38</b>
Min. duration:	<b>2 Years</b>
Max. allowable duration:	<b>4 Years</b>
Clinical training:	<b>No</b>
Research/ thesis based:	<b>Yes</b>



# M.Phil. in Pharmaceutical Chemistry

## Introduction:

Shifa Tameer-e-Millat University, with its ideology to provide quality education and extraordinary curriculum at undergraduate level, has served the purpose of benefiting the education sector of Pakistan. The SCPS is providing unique services and state-of-the-art facilities to its students according to international guidelines of Pharmacy education. The Department of Pharmaceutical Chemistry serves as the backbone of Pharmaceutical Sciences. The motivated and dedicated faculty of this department is committed to deliver basic and advanced information related to diverse areas of chemistry including physical chemistry, analytical chemistry, organic chemistry, inorganic chemistry, medicinal chemistry, natural products chemistry and biological chemistry. In order to build up the research culture and to cope up with the market demands, SCPS has initiated M.Phil. program in Pharmaceutical Chemistry. A well-structured course outline and scientifically acclaimed instructional and assessment strategies would strengthen the cognitive abilities and practical skills in the younger generation and will enable the scholars to pursue translational research. Ultimately, it will help in identification of research gaps, validation of existing scientific approaches and attainment of impactful findings in the field of pharmaceutical chemistry. It will pave the way identification of new drug molecules, synthesis of pharmaceutical leads and pharmacophores and derivation of existing pharmacophores to enhance bioavailability and medicinal value. Additionally, the inculcation of High Throughput Screening and Computer Aided Drug Designing will promote the development and identification of novel drug molecules with extended pharmacological applications. These dynamic strategies will enable the scholars to nurture their scientific curiosity, revert intellectual deficit and improve the professional commitment.

## Mission Statement of Program:

Mission Statement of Program: The M.Phil. Pharmaceutical Chemistry program being offered at the Department of Pharmaceutical Chemistry, SCPS has been designed to develop the research skills of the scholars based on a deeper understanding of drug discovery and designing, stability study of formulations, exploring new methods in drug development and their validation through quality control parameters. This unique program would help graduates to work as pharmaceutical chemists with competencies to meet the national pharmaceutical challenges by inculcating critical analytical and scientific skills for appropriate drug discovery and development.

## Program Objectives:

The objectives of the M.Phil. Pharmaceutical Chemistry Program; are in line with the pharmacy council of Pakistan regulations, 2005, as follows.

- To train the candidates as ambitious and productive academicians, researchers, scientists, and managers for academia, Pharma-industry, and the healthcare profession.
- To help the candidates to develop critical thinking and learn about innovative techniques and methods for designing, synthesizing, and identifying novel drug candidates of therapeutic importance.
- To develop problem-solving and analytical skills in the candidates, by imparting theoretical and practical based scenarios.
- To induce time management and organization skills by designating individual and team based projects for the learners.
- To create an environment and opportunities for candidates to acquire stable positions among the competing institutions within the country and abroad in conformity to the international standards of education & research

# Scheme of Studies M.Phil. Pharmaceutical Chemistry

First Semester			Second Semester		
Sr. No.	Theory	CH(s)	Sr. No.	Theory	CH(s)
1	Core course 1	3	1	Core course 3	3
2	Core course 2	3	2	Core course 4	3
3	Elective course 1	3	3	Elective course 3	3
4	Elective course 2	3	4	Elective course 4	3
5	Understanding of Quran-I	1	5	Understanding of Quran-II	1
Total		13	Total		13

LIST OF CORE COURSES		
Course Code	Course Title	CH(s)
PCHM 6123	Advances in Pharmaceutical Organic Chemistry – I	3
PCHM 6133	Drug Isolation and Characterization Techniques	3
PBST 6013	Biostatistics – I	3
PRMT 6003	Research Methodology – I	3

LIST OF ADDITIONAL, NONCREDITED COURSES	
Course Code	Course Title**
PNAT 6000	Research Ethics
PNAT 6010	Teaching Methodologies
PNAT 6020	Writing and Communications in Science
PNAT 6030	Technopreneurship

PROGRAM SUMMARY	
PG Program	Credit Hours
First Semester	13
Second Semester	13
<b>Total Course Work</b>	<b>26</b>
Third Semester	06
Fourth Semester	06
<b>Total Research Work</b>	<b>12</b>
<b>Total CH(s)</b>	<b>38</b>

Third & Fourth Semesters			
Course Code	Module	Course Title	CH(s)
Core Courses			
PMRW 7006	Research	Synopsis and research work	6
PMRW 7016	Research	Publication(s) and thesis	6
Total Credit Hours			12

LIST OF ELECTIVE COURSES		
Course Code	Course Title	CH(s)
PCHM 6143	Advances in Protein Chemistry	3
PCHM 6153	Immunochemistry	3
PCHM 6163	Natural Products Chemistry	3
PCHM 6173	Drug Synthesis, Designing and Stability	3
PCHM 6183	Electroanalytical Techniques	3
PCHM 6193	Combinatorial Chemistry	3
PCHM 6203	Polymer Chemistry	3
PBCH 6043	Molecular Bioinformatics	3
PBCH 6063	Advances in Pharmaceutical Biochemistry – I	3
PBCH 6073	Clinical Chemistry	3
PPMC 6183	Drug Metabolism	3
PDDD 6003	Fundamentals of Drug Discovery and Development	3
PCHM 6213	Advances in Medicinal Chemistry-I	3
PCHM 6223	Computer-Aided Drug Design	3
PCHM 6233	Metal Complexes	3

\* additional and non-credited seminars based courses may be offered to enhance the research skills of learners.



# **Doctor of Philosophy Pharmacology**

## **[Ph.D. (Pharmacology)] 3-6 years program**

### **Degree in brief**

NQF Level:	<b>8 (Doctorate)</b>
No. of semesters/ calendar year:	<b>2</b>
Total Credit Hours (CH):	<b>50</b>
Min. duration:	<b>6 semesters /3 Years</b>
Max. allowable duration:	<b>12 semesters /6 Years</b>
Clinical training:	<b>No</b>
Research/ dissertation based:	<b>Yes</b>

# Ph.D. Pharmacology

## Introduction

The Ph.D. Pharmacology program offered by the Department of Basic Medical Sciences, Shifa College of Pharmaceutical Sciences has its focus on the study and research in basic, applied and clinical domains. Pharmacology, being an interdisciplinary field, incorporates the disciplines of physiology, biochemistry, organic chemistry, behavioural sciences, and medicine. With the advent of modern technology and consequently new research avenues, the field of pharmacology is bringing together an even wider range of disciplines, resulting in the merger of the traditional aspects of pharmacology with novel approaches drawn from other disciplines, such as biophysics, biomedical engineering, and molecular genetics.

The coursework and research activities in Ph.D. Pharmacology program will focus on deciphering the molecular basis of disease processes as well as their treatment mechanisms explained at the molecular level. Our curriculum emphasizes on interdisciplinary doctoral training in molecular pharmacology while feeding basic and applied side. Students will be trained in the fields of pharmacology, as well as in molecular, genetic, biophysical, and structural approaches to enable them to solve complex problems in basic and clinical pharmacology as well as patient care.

## Mission Statement of Program:

The Ph.D. Pharmacology program offered at the Department of Basic Medical Sciences, SCPS, has been designed to develop the research skills of the scholar based on a deeper understanding of the molecular mechanism of disease and potential intervention strategies. This unique program would help graduates to work as interdisciplinary scientists in various fields, including pharmacology, molecular pharmacology, biochemistry, microbiology, bioinformatics, and computational biology. This program makes the student able to collaborate with researchers from allied fields to produce applied research to improve the national health care program.

## Program Objectives:

These learning objectives provide a comprehensive framework for an Ph.D. program in Pharmacology, allowing students to develop expertise in understanding the intricate molecular interactions between drugs and biological systems. The objectives of the Ph.D. Pharmacology Program is in line with Pakistan's pharmacy council regulations, 2005, as follows.

- To develop a cohesive research strategy that may assist Pharmacology researchers in designing, monitoring, and implementing clinical trials, toxicological studies, and intervention studies.
- To learn the application of biostatistics in research and relevant fields
- To strengthen logical and analytical skills.
- To prepare scholars for careers in Academia, Regulatory Affairs, Pharmacovigilance, Clinical study coordination, drug safety monitoring, Immunology, etc.



# Scheme of Studies Ph.D. Pharmacology

COMPRISING SEMESTER 1 & 2		
Course Code	Course Title	CH(s)
PPMC 8193	Signalling and the Control of Gene Expression	3
PPMC 8203	Modern Techniques in Advanced Pharmacology	3
PPMC 8213	Advances in Immunopharmacology	3
PPMC 8223	Neuroinflammation as a target for Neurological Disease	3
PPMC 8233	Systems Pharmacology	3
PPMC 8243	Seminars in Pharmacology – I	3
PPMC 8253	Seminars in Pharmacology – II	3
PDDD 8013	Advances in Drug Discovery and Development	3
PPMC 8273	Cancer Biology and Methods	3
PPMC 8283	Epigenetic Regulation	3
PPMC 8293	Infectious Diseases Pharmacotherapy	3
PPMC8303	Molecular Medicine and Genetics	3
PPMC 8313	Systemic Pharmacology	3
PPMC8323	Pharmacogenomics & Personalized Medicine	3
PPMC8333	Advances in Oxidative Stress and Inflammation	3
PBST8023	Biostatistics - II	3
PRMT8013	Research Methodology – II	3
PFUQ8001	Understanding of Quran – I	1
PFUQ8011	Understanding of Quran – II	1

## Mandatory requirements:\*

1. Completion of 20 credit hours for course work
2. Qualification of Comprehensive examination
3. Completion of thesis work
4. Assessment and acceptance of thesis by atleast 2 external evaluators.
5. Atleast one publication from Ph.D research work (in H.E.C approved "W" category journals)
6. Successful pre-defense seminar
7. Public defense of Ph.D Thesis/Dissertation

\* As per program structure.

\*\* Additional and non-credited seminars based courses may be offered to enhance the research skills of learners.

\*\*\* Departmental Research Advisory Committee (DRAC)

LIST OF ADDITIONAL, NONCREDITED COURSES	
Course Code	Course Title**
PNAT 8040	Ethics in Science & Research
PNAT 8050	Instructional and Assessment Methodologies
PNAT 8060	Academic Writing
PNAT 8070	Entrepreneurship & Technopreneurship

COMPRISING SEMESTER 3 to 6 & continued		
Course Code	Course Title	CH(s)
PDRW 9006	Doctoral Research work	30
<b>To be assessed by DRAC*** through biannual progress reports</b>		<b>30</b>

PROGRAM SUMMARY	
Ph.D. Program	Credit Hours
First Semester	10
Second Semester	10
<b>Total Course Work</b>	<b>20</b>
Third & ongoing till completion of eligibility of final defense of thesis exam	30
<b>Total Research Work</b>	<b>30</b>
<b>Total CH(s)</b>	<b>50</b>

# **Doctor of Philosophy Pharmaceutical Chemistry**

## **[Ph.D. (Pharmaceutical Chemistry)]**

### **3-6 years program**

#### **Degree in brief**

NQF Level:	<b>8 (Doctorate)</b>
No. of semesters/ calendar year:	<b>2</b>
Total Credit Hours (CH):	<b>50</b>
Min. duration:	<b>6 semesters /3 Years</b>
Max. allowable duration:	<b>12 semesters /6 Years</b>
Clinical training:	<b>No</b>
Research/ dissertation based:	<b>Yes</b>



# Ph.D. in Pharmaceutical Chemistry

## Introduction:

The Department of Pharmaceutical Chemistry is a vital part of SCPS which stands out for the provision of foundational knowledge of Pharmaceutical Sciences. This department is offering various courses related to organic, inorganic, medicinal, analytical and biological chemistry at both undergrad and postgrad levels. These courses have been designed to produce substantial human resources to bridge the existing gaps in healthcare, academia and research sectors. The PhD program in Pharmaceutical Chemistry is designed to inculcate necessary research skills and specialist knowledge in learners. This program is devised for the training of individuals to improve their theoretical concepts and critical thinking, to generate innovative ideas and contribute to diverse areas of pharmaceutical chemistry. Research in pharmaceutical chemistry encompasses a broad spectrum of activities including synthesis, design, purification, characterization, testing and development of drug molecules. The wide scope and diversity of the program would provide adequate freedom to the PhD scholars for execution of translational research. The research scholars would have the opportunity to work in conventional grounds of chemistry along with inter-disciplinary fields including material sciences, chemical physics, protein science, bioengineering and computational modelling. This approach will empower the individuals to work independently in various processes of drug discovery, development and introduction in the therapeutic mainstream. Overall, the scholars would be exposed to the cognitive concepts along with practical expertise in fundamental, advanced and applied chemistry to gain the required expertise in their selected areas of interest.

## Mission Statement of Program:

Mission Statement of Program: The M.Phil. Pharmaceutical Chemistry program being offered at the Department of Pharmaceutical Chemistry, SCPS has been designed to develop the research skills of the scholars based on a deeper understanding of drug discovery and designing, stability study of formulations, exploring new methods in drug development and their validation through quality control parameters. This unique program would help graduates to work as pharmaceutical chemists with competencies to meet the national pharmaceutical challenges by inculcating critical analytical and scientific skills for appropriate drug discovery and development.

## Program Objectives:

The objectives of the Ph.D. Pharmaceutical Chemistry Program; are in line with the pharmacy council of Pakistan regulations, 2005, as follows.

- To train the candidates as ambitious and productive academicians, researchers, scientists, and managers for academia, Pharma-industry, and the healthcare profession.
- To help the candidates to develop critical thinking and learn about innovative techniques and methods for designing, synthesizing, and identifying novel drug candidates of therapeutic importance.
- To develop problem-solving and analytical skills in the candidates, by imparting theoretical and practical based scenarios.
- To induce time management and organization skills by designating individual and team based projects for the learners.
- To create an environment and opportunities for candidates to acquire stable positions among the competing institutions within the country and abroad in conformity to the international standards of education & research

# Scheme of Studies Ph.D. Pharmaceutical Chemistry

COMPRISING SEMESTER 1 & 2		
Course Code	Course Title	CH(s)
PCHM 8213	Advances in Pharmaceutical Organic Chemistry – II	3
PCHM 8223	Advances in Natural Products Chemistry	3
PCHM 8233	Advances in Medicinal Chemistry	3
PCHM 8243	Drug Designing	3
PCHM 8253	Advanced Spectroscopic Analysis	3
PCHM 8263	Advanced Chromatographic Techniques	3
PCHM 8273	Crystal Engineering	3
PDDD 8013	Advances in Drug Discovery and Development	3
PBCH 8083	Advances in Pharmaceutical Biochemistry – II	3
PBCH 8093	Advances in Nutritional Biochemistry	3
PPMC 8263	Macromolecular Drugs Targets	3
PCEU 8243	Polymers in Drug Delivery	3
PBST 8023	Biostatistics – II	3
PRMT 8013	Research Methodology – II	3
PFUQ8001	Understanding of Quran – I	1
PFUQ8011	Understanding of Quran – II	1

## Mandatory requirements:\*

1. Completion of 20 credit hours for course work
2. Qualification of Comprehensive examination
3. Completion of thesis work
4. Assessment and acceptance of thesis by atleast 2 external evaluators.
5. Atleast one publication from Ph.D research work (in H.E.C approved "W" category journals)
6. Successful pre-defense seminar
7. Public defense of Ph.D Thesis/Dissertation

\* As per program structure.

\*\* Additional and non-credited seminars based courses may be offered to enhance the research skills of learners.

\*\*\* Departmental Research Advisory Committee (DRAC)

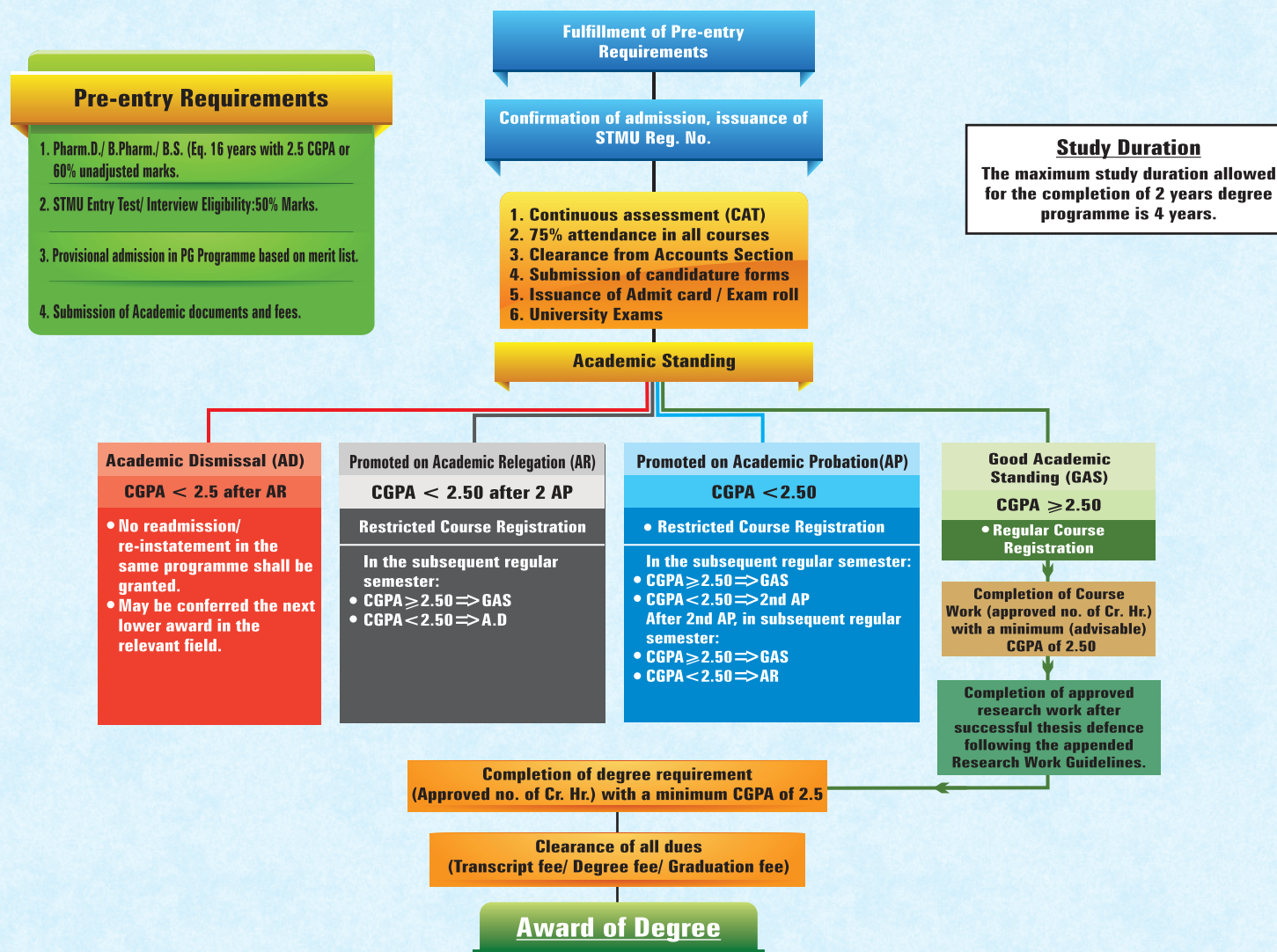
LIST OF ADDITIONAL, NONCREDITED COURSES	
Course Code	Course Title**
PNAT 8040	Ethics in Science & Research
PNAT 8050	Instructional and Assessment Methodologies
PNAT 8060	Academic Writing
PNAT 8070	Entrepreneurship & Technopreneurship

COMPRISING SEMESTER 3 to 6 & continued		
Course Code	Course Title	CH(s)
PDRW 9006	Doctoral Research work	30
<b>To be assessed by DRAC*** through biannual progress reports</b>		<b>30</b>

PROGRAM SUMMARY	
Ph.D. Program	Credit Hours
First Semester	10
Second Semester	10
<b>Total Course Work</b>	<b>20</b>
Third & ongoing till completion of eligibility of final defense of thesis exam	30
<b>Total Research Work</b>	<b>30</b>
<b>Total CH(s)</b>	<b>50</b>



# Guidelines to Earn a Postgraduate Degree\*



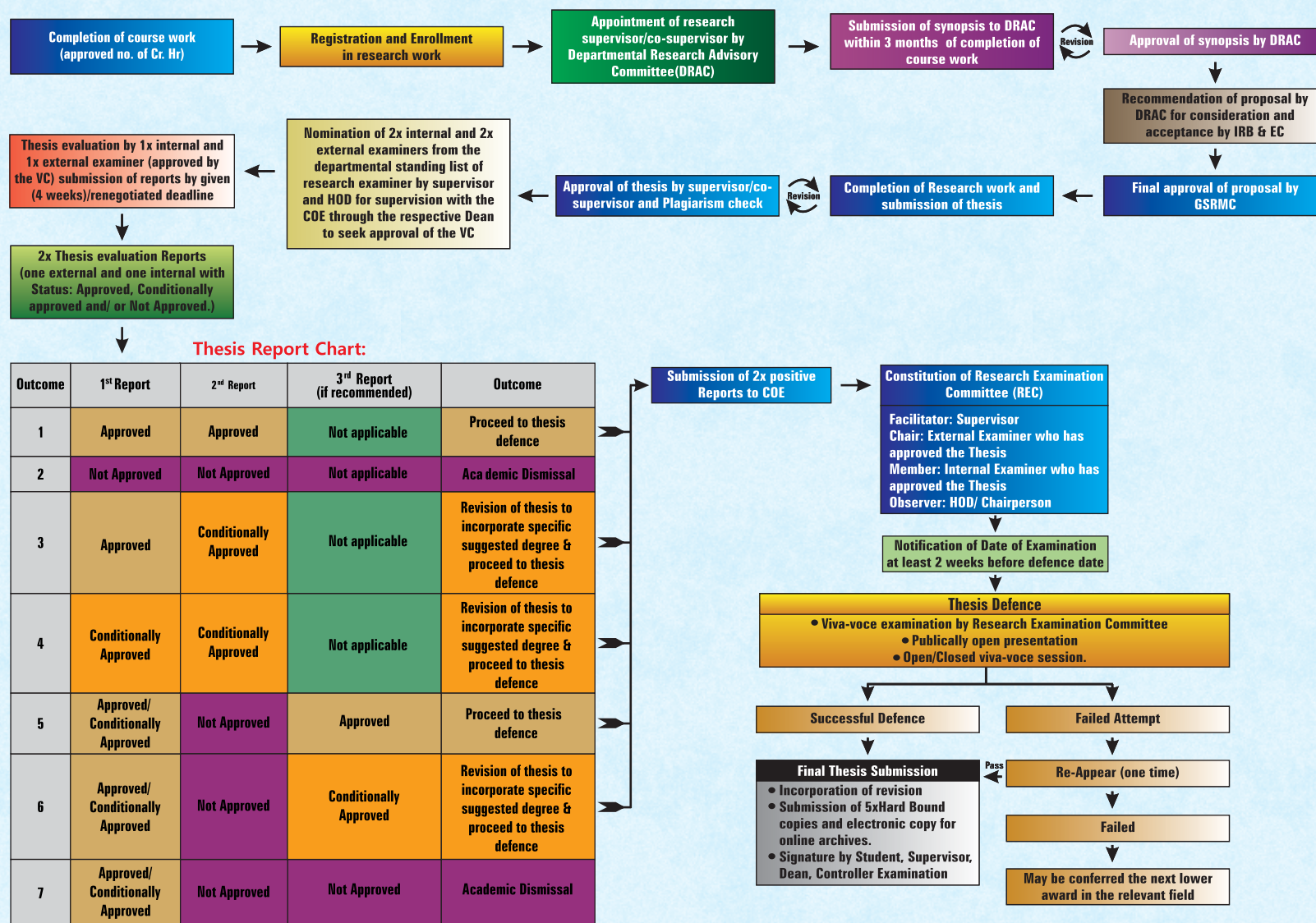
Note:

- The guidelines shall be read in conjunction with the M.S./M.Phil. Regulations, 2018 of the university or as may be determined/notified from time to time.
- Students are advised to regularly consult their respective course advisors regarding their academic performance and improvement throughout their course of studies in the University/Department.
- Course offering shall be made by the department concerned as per the recommendation of Academic Affairs Committee.

\* Program specific regulations to be implemented for PhD programs <https://stmu.edu.pk/wp-content/uploads/2024/09/RN-0112-2024-final-38-pages.pdf>

# Research Work Guideline for Postgraduate Studies at STMU\*

(To be read in conjunction with Guidelines: How to earn a PG Degree of a Semester Calendar Program)





# Examination and Grading Policy for MS/M.Phil. Programs

- Each course shall carry 100 marks.
- 60 marks shall normally cover classwork (continuous assessments) and 40 for the University examinations (terminal assessment).
- Breakup of these 100 marks shall be determined through the respective programme regulations.
- 75% attendance in each course is the minimum eligibility to appear in the End Semester Exam (ESE) of the respective course(s).
- 100% attendance in clinical rotations is mandatory to appear in the End Semester Exam (ESE) of the respective course(s).

All the examinations are conducted in line with the Examination Regulations provided in the Conduct of Examinations and Academic Regulations of STMU. In case a student does not follow the decorum of the examination center or s/he is found in possession of any academic material during the exam, s/he would be liable to a disciplinary action as recommended by the Examination Disciplinary Committee which might range from warning to expulsion from STMU.

## Grading Policy

Letter Grade	Percentage	Grade Point
A	85-100	4.00
A-	80-84	3.66
B+	75-79	3.33
B	70-74	3.00
B-	67-69	2.66
C+	64-66	2.33
C	60-63	2.00
F	Below 60	0.00
W	Withdrawn	-
I	Incomplete	-
(Grade)	Replaced Grade	-
NC	Non-Credit	-
AU	Audit	-
Pass or Fail	Pass/Fail	-

Total points earned = Sum of grade points of individual courses X Sum of gradable credit hours.

Grade Point Average (GPA) = Total points earned / Total Gradable credit hours.

# Examination and Grading Policy for Ph.D. Programs

- Each course shall carry 100 marks.
- 60 marks shall normally cover classwork (continuous assessments) and 40 for the University examinations (terminal assessment).
- Breakup of these 100 marks shall be determined through the respective programme regulations.
- 75% attendance in each course is the minimum eligibility to appear in the End Semester Exam (ESE) of the respective course(s).
- The minimum pass marks in a course shall be 64% or a C grade.

All the examinations are conducted in line with the Examination Regulations provided in the Conduct of Examinations and Academic Regulations of STMU. In case a student does not follow the decorum of the examination center or s/he is found in possession of any academic material during the exam, s/he would be liable to a disciplinary action as recommended by the Examination Disciplinary Committee which might range from warning to expulsion from STMU.

## Grading Policy

Letter Grade	Percentage	Grade Point
A+	90-100	4.00
A	85-100	4.00
A-	80-84	3.66
B+	75-79	3.33
B	70-74	3.00
B-	67-69	2.66
C	64-66	2.33
F	Below 64	0.00
W	Withdrawn	-
I	Incomplete	-
(Grade)	Replaced Grade	-
NC	Non-Credit	-
AU	Audit	-
Pass or Fail	Pass/Fail	-

- Grade Point Average (GPA) =  $\frac{\text{Sum overall courses taken in a semester / term (Course Credit Hours x Grade Points Earned)}}{\text{Total Credit Hours in the Semester / Term.}}$
- Cumulative Grade Point Average (CGPA) =  $\frac{\text{Sum overall courses taken in all semesters / term (Course Credit Hours x Grade Points Earned)}}{\text{Total Credit Hours in the Semester / Term.}}$



# Admission Procedure

Shifa Tameer-e-Millat University is an equal opportunity higher seat of learning/educational institution. There is no discrimination on the basis of sex, religion, race, colour, creed or domicile. Anyone who qualifies for the admission and fulfills the eligibility criteria to the courses of study offered by the institute is encouraged to apply. There are no quotas and/or reserved seats, except as advised through notifications issued by the Higher Education Commission (HEC), Pharmacy Council of Pakistan (PCP) and the Government of Pakistan.

The selection of students is meticulously done by the Admission Committee on merit basis and approved by the Dean / Principal of Faculty of Pharmaceutical and Allied Health Sciences/Shifa College of Pharmaceutical Sciences.

## Admission Process Flow:

Applicants aspiring to get admission in relevant program at Shifa Tameer-e-Millat University, need to register online by following the step-by-step guide below;

**Step 1:** Head to the University website (<https://stmu.edu.pk>) -or- NTS Application Portal (<http://www.nts.org.pk/SCP/>). Register yourself by providing general information. Once registered, please fill in the required academic details along with scanned copies of your picture, academic transcripts/documents and any valid entry test in which you might have appeared during the current admission session (if applicable). In case you have not appeared in any entry test, select N/A.

**Step 2:** Complete all the steps and take a print of the application fee voucher. Submit the application fee voucher through easypaisa, jazz cash and any other banking app or in designated bank (mentioned on

the fee voucher) at any branch throughout Pakistan.

**Step 3:** Wait patiently for the application fee voucher to be verified by the NTS. Once the fee voucher is verified, your entry test card will be generated on the NTS admission portal and an email will also be sent on your registered email for information. Please take a print of entry test card for presenting to the test invigilation staff on the test day.

**Step 4:** Appear for the entry test on the day and centre as prescribed on the entry test card, and wait for the result announcement. After result announcement the short listed candidates will be called for interview. The final merit list will be uploaded on the STMU website.

**Step 5:** After display of merit list, if you find your name on the merit list you must visit SCPS admission office on the date mentioned on the merit list for further processing. You will be offered provisional admission after successfully clearing your financial dues and codal formalities of the college.

Application for admission will only be considered unless it is made on the designated prescribed form (hard copy or online). If any of the certificates/documents provided are found to be false or forged, legal action will be taken against the student and his/her admission will be cancelled.

## Admission Policy

Initially, all admissions in Shifa Tameer-e-Millat University (STMU) will be provisional. If the Particulars / Certificates or any other document



submitted in the SCPS admission office are found to incorrect, invalid or forged, after verification from the respective examination board, the name of the student will be struck off from the college even if the candidate has been admitted.

No show cause notice will be necessary for any action under this admission procedure. The candidate who fails to report for interview on the prescribed date shall be considered to have forfeited his/her chance of admission in the respective discipline and shall no longer be eligible to claim his/her merit position during that admission cycle.

The students from other provinces of Pakistan can also apply if they have appeared in the entry test of their respective province and will provide the result of the test. Previous year's entry test will NOT be accepted.

If any student during his studies at STMU does not follow college rules or found violating disciplinary rules, will be liable to be expelled from the respective college. All cases of expulsion will be processed by the Dean/Principal after recommendations by the respective disciplinary committee and will be forwarded to the Registrar for final line of action.

Application forms and photocopies of the documents of candidates who are not selected will not be returned.





# Eligibility Criteria/ Prerequisites

## Doctor of Pharmacy (Pharm.D.) Program

Any one of the following qualifications is necessary for an application to be eligible for consideration. All foreign qualifications must be supported by an Equivalence Certificate issued by the IBCC\*.

- 60% overall and unadjusted score in pre-medical group of Intermediate Certification (F.Sc.) in Pakistan. However, much higher scores prove competitive. B.Sc. group with F.Sc. pre-medical or equivalent are also eligible to apply.

(or)

- British Advanced Level (A-Level) Certification with Biology, Chemistry and Physics. The achievements should be over 60% (pre-medical) in IBCC\* Equivalence Certificate.

(or)

- US Grade-12 Diploma (minimum GPA 3.0) accompanied by an Equivalence Certificate from the IBCC\* of at least 60% F.Sc pre-medical qualification (that will require inclusion of Biology, Chemistry, Physics and English in the final 3 years). Higher Secondary School Certificate from other countries with Biology, Chemistry and Physics accompanied by an Equivalence Certificate from IBCC\* of at least 60% F.Sc Pre-medical qualification.

\*The Equivalence Certificate will be obtained from the Inter Board Committee of Chairmen (IBCC). This office attempts to translate foreign qualifications into Pakistani equivalents. It has its own requirements to be met and it can take time. The University has no connections with that office and is, therefore, unable to provide any information or assistance in this connection. It is the applicants' responsibility to obtain the Equivalence Certificate before an offer of admission could be formalized. International applicants are advised to visit the website of IBCC at [www.ibcc.edu.pk](http://www.ibcc.edu.pk) and establish contact with it on the following address to seek information and guidance:

## Inter Boards Coordination Commission (IBCC)

Plot No. 25, Street No. 38, Sector G-10/4,  
Near Federal Govt. Employees Housing Foundation (FGEHF)  
Islamabad, Pakistan. Tel : (051) 111 114 222  
Web: <http://www.ibcc.edu.pk>

## M.Phil Programs

The following qualifications are necessary for an applicant to be eligible:

- Pharm.D / B.Pharm or Equivalent (NQF Level 6) and relevant discipline duly recognized by the concerned regulatory body (if any) and / or University Admission Committee with at least 60% or CGPA 2.5/4.0 overall unadjusted score in Annual or Semester system respectively.

AND

- Minimum 50% cumulative score in GAT-General (pharmacy) or minimum 50% cumulative score in University based subject test.
- For M.Phil. (CPP): Only Pharm.D / B.Pharm (NQF Level 6) recognized by the concerned regulatory body with at least 60% or CGPA 2.5/4.0 overall unadjusted score in annual or semester system respectively. Candidates are required to possess a current active license / registration from relevant provincial pharmacy council to practice pharmacy in Pakistan.

AND

- Minimum 50% cumulative score in GAT-General (pharmacy) or minimum 50% cumulative score in University based subject test.

## PhD Programs

- M.Phil. / MS or Equivalent (NQF Level 7) and relevant discipline duly recognized by the concerned regulatory body (if any) and / or University Admission Committee with at least 60% or CGPA 3.0/4.0 overall unadjusted score in Annual or Semester system respectively.

AND

- Pharm.D / B.Pharm or Equivalent and relevant discipline duly recognized by the concerned regulatory body (if any) and / or University Admission Committee with at least 60% or CGPA 2.5/4.0 overall unadjusted score in Annual or Semester system respectively.

AND

- Minimum 60% cumulative score in GRE/HAT General equivalent test or GRE/HAT Subject test (in case of intra disciplinary admissions) with minimum 60% cumulative score developed at the University.





# Fee and Charges

## Doctor of Pharmacy (Pharm.D.) Program

Heads	Payment Schedule $\Delta$	1 <sup>st</sup> Bi-Annual	2 <sup>nd</sup> Bi-Annual
Prospectus Fee	At the time of seeking admission	2,100	-
Application / Test Fee		3,200	-
Admission Fee	One-time charges (After confirmed admission)	35,000	-
University Registration Fee		13,500	-
Security (Refundable)		13,500	-
Pharmacy Council Reg.		2,000	-
Enrolment Fee <sup>#</sup>	Recurring fee for every year	7,900	7,900
Tuition Fee <sup>#</sup>		302,000	302,000
Examination Fee <sup>#</sup>		8,400	8,400
Co-Curricular Activities Fee		1,400	1,400
Medical Check-up for Clinical Rotations at SIHL	To be collected in 3rd, 4th and 5th year	7,300	-
Research Project Supervision Fee	To be collected in 5th year	13,500	-
	Transcript Fee	5,250	-
	Degree Fee	9,100	-
	Graduation Fee	9,800	-
<b>Incidental Case</b>			
Revised /Duplicate Transcript Fee		5,250	Fee Admissible in Case needed
Revised /Duplicate Degree Fee		9,100	
Degree / Transcript Verification Fee		2,100 (Local applicants) 70 USD (International applicants)	
Retotaling Fee		7,000	
No Objection Certificate (NOC)		3,150	
Transfer / Migration Fee		7,000	

$\Delta$  Fee and charges shall be subject to review and revision as may be prescribed by the University from time to time. Fee challan will be issued biannually.

<sup>#</sup> 1. Only exam fee for the remedial (2nd Annual Exam in case of failure) shall be charged Rs. 16800/-.

## M.Phil. Program

Heads	Payment Schedule <sup>△</sup>	1 <sup>st</sup> Semester	2 <sup>nd</sup> Semester
Prospectus Fee	At the time of seeking admission	2,100	-
Application / Test Fee		3,200	-
Admission Fee	One-time charges (After confirmed admission)	35,000	-
University Registration Fee		11,500	-
Security (Refundable)		13,500	-
Semester Enrolment Fee	Recurring fee every Semester	7,900	7,900
Tuition Fee / Credit Hour (@ Rs. 15,222/CH) <sup>#</sup>		182,664	182,664
Examination Fee		8,400	8,400
Co-Curricular Activities / Recreational Activities		1,400	1,400
	Degree Fee	9,100	-
	Transcript Fee	5,250	-
	Graduation Fee	9,800	-

△ Fee and charges shall be subject to review and revision as may be prescribed by the University from time to time.

# The number of credit hours may vary according to the course offering of the given academic session/semester keeping in view the availability of resources and other such limitations.

+ Medical checkup fee (**Rs. 7,300**) is admissible only for the program requiring Clinical observership/ Clerkship/ Internship.



# Ph.D. Programs

## Doctoral (Ph.D.) Programs in Pharmaceutical Sciences <sup>△</sup>

Semesters	Heads	Charges (Rs.)	Payment Schedule
1 <sup>st</sup> Semester (9 CH) <sup>#</sup>	Prospectus fee	2,100	At the time of seeking admission
	Application / Processing fee	3,200	
	Admission fee	35,000	One time Charges
	University Registration Fee	11,500	
	Security (Refundable)	13,500	
	Semester Enrollment Fee	7,900	Recurring fee for every Semester
	Tuition Fee / Credit Hour (@ Rs. 24,503/CH) <sup>#</sup>	220,527	
	Examination fee	8,400	
Total (1 <sup>st</sup> Semester)		302,127/-	
2 <sup>nd</sup> Semester (9 CH) <sup>#</sup>	Semester Enrollment Fee	7,900	Recurring fee for every Semester
	Tuition Fee / Credit Hour (@ Rs. 24,503/CH) <sup>#</sup>	220,527	
	Examination fee	8,400	
Total (2 <sup>nd</sup> Semester)		236,827/-	
3 <sup>rd</sup> to 5 <sup>th</sup> Semester (06 CH) <sup>#</sup>	Semester Enrollment Fee	7,900	Recurring fee for every Semester
	Research fee / Credit Hour (@ Rs. 24,503/CH) <sup>#</sup>	147,018	
	Bench fee** / Credit Hour (@ Rs. 2,345/CH) <sup>#</sup>	14,070	
Total		168,988/-	

Semesters	Heads	Charges (Rs.)	Payment Schedule
<b>6<sup>th</sup> or Last Semester (which ever is later) (12 CH) #</b>	Semester Enrollment Fee	<b>7,900</b>	Recurring fee for every Semester
	Bench fee** / Credit Hour (@ Rs. 2,345/CH) #	<b>28,140</b>	
	Thesis evaluation & Defense	<b>383,576</b>	At the time of submission of thesis for evaluation
	Transcript fee	<b>5,250</b>	One time Charges
	Degree fee	<b>9,100</b>	
	Graduation fee	<b>9,800</b>	
<b>Total</b>		<b>443,766/-</b>	

△ Fee and charges shall be subject to review and revision as may be prescribed by the University from time to time.

# The number of credit hours may vary according to the course offering of the given academic session/semester keeping in view the availability of resources and other such limitations.

\*\* Bench fee and semester enrollment fee shall be admissible in case of extension in research work.



# Financial Assistance and Merit Award Program

## Financial Assistance:

1. A committee constituted by the Syndicate for the purpose of Financial Assistance shall select students for the scholarships and other funds on the basis of their applications on the prescribed form.
2. For the purpose of fund collection, a form will be circulated to all the members of STMU/Shifa Family and collected before the 30th September each year (contribution to be added to separate endowment fund).
3. A student would be eligible for only one financial award, in one category, at any time (the prize award is not included in this category).
4. 20% discount will be granted in the tuition fee for the second and onward siblings.
5. 20% discount will be granted in the tuition fee for the children of the current full-time employees of the University and its teaching hospital (Shifa International Hospitals Ltd).
6. 25% waiver will be granted in the tuition fee for a student whose father/legal guardian has died during the course of study of the program in which the student is enrolled at that time.
7. In some special cases committee will be authorized to decide and grant the financial aid.
3. The amount of prize money shall be calculated on the regular Tuition fee of the same semester/Year in which the position is determined and shall be distributed as follows:
  - a. First Position = 15%
  - b. Second Position = 10%
  - c. Third Position = 5%
4. The evaluation criteria shall be as follows:
  - a. Semester System: On securing the CGPA of 3.00 or above on the 4.00 scale.
  - b. Annual System: On securing at least 80% aggregate in the annual professional examinations in any year.

## Prize Money for Undergraduates:

1. The prize money will be a separate category i.e., it shall be evaluated on the basis of academic achievements and shall not be mixed with the other financial assistance and/or benefits.
2. All the cases related to award of the prize money shall be dealt by a standing committee whose decision shall be considered final.
5. There shall be only three prizes in the category of Prize Money. However, if there are two students who secure first position then both the students shall be awarded the prize money of the first position and the remaining one prize shall be awarded to the second position holder(s) with the prize money of the second position and no prize shall be awarded to the third position holder(s). Provided further that if there are three or more students on the first position then all the students shall be awarded the prize money of the first position and no prizes shall be awarded to the second and third positions holders. The same criterion shall be applied on the second and third positions if more than one student is securing such position(s).



6. The prize winners shall be awarded the money in the form of cheque or scholarship on account of their tuition fee of the next semester/year. Position holders of the final semester/year shall be awarded the prizes in the form of cheque.
7. In case of any disciplinary issue against the prize/scholarship holder during the semester/year, he/she shall not be awarded any prize or scholarship.
8. The prize money certificates shall be distributed to the position holders in the convocation or other events as feasible.

#### **Payment of Fee and Charges in Installments:**

1. Depositing of fee and charges in installments shall only be a privilege and not the right of the students.
2. No more than 10% of the students of a batch shall be allowed to pay their fee and charges in installments for a regular academic session (year or semester as the case may be).
3. A student may be allowed to deposit his/her fee and charges of a semester/session in maximum two installments. The first installment shall be payable within the stipulated time before the start of the classes of the semester/session. The amount of the first installment shall not be less than 50% of the total payable amount of the semester/session. The second installment shall be payable before the end of mid of the semester/session. The student shall have to apply on the prescribed form for submission of fee in installments within the stipulated time period before the start of the classes of the semester/session.

4. The applications for deposit of fee and charges in installments shall be evaluated by a Committee strictly on need-cum-merit basis. The recommendations of the Committee shall be forwarded by the Principal/Head of the respective college/department to the Treasure/CFO for further processing. Late fee charges shall be applied in case the payments are made after the stipulated time.
5. The employees of Shifa Family and their dependent children who are students of the university may be allowed to deposit their fee and charges on monthly installments provided that nothing shall be outstanding at the time of terminal examinations of the academic session (year or semester as the case may be). Provided further that these students shall not be counted towards the number/percentage mentioned in section 16 above.

#### **Funding Sources:**

The treasurer's office of the University tabs both individual sponsors and Trust organizations for memorandums to financially accommodate and facilitate needy students. The same is pursued through eligibility for various government financing schemes such as "Punjab Educational Endowment Fund (PEEF)" and institutional funding programs etc.



### Statutes Regarding Fee Refund:

1. Fee shall be refunded to candidates who desire to migrate/discontinue studies upon prior application and approval in writing for the same.

2. The fee shall be refunded as follows:

Timeline	Percentage of Fee
Upto 10 <sup>th</sup> day of commencement of classes	100% fee refund
Upto 15 <sup>th</sup> day of commencement of classes	80% fee refund
Upto 20 <sup>th</sup> day of commencement of classes	60% fee refund
Upto 30 <sup>th</sup> day of commencement of classes	50 % fee refund
31 <sup>st</sup> day onwards of commencement of classes	No Refund

3. Percentage of fee shall be applicable on all components of fee, except for security and admission charges including prospectus, admission processing, admission fee, etc.
4. Timeline shall be calculated continuously—i.e., covering both weekdays and weekend.
5. No refund including security deposit may be permissible if the admission/registration of a student is cancelled upon any disciplinary grounds/violation of the code.
6. The Security Deposit to the graduates shall be refunded when the respective graduation ceremony is done.

**Note:** This policy has been formulated in accordance with HEC guidelines.



# Students Conduct and Discipline

For detailed regulations, kindly contact Student affairs office or visit <https://stmu.edu.pk/academic/academic-regulations/>.

Every student shall observe the following code of conduct in the University premises or its constituent colleges teaching/practicing places/ during official tours/assignments and in the University administered hostels (on and off-campus) and places of other activities being held under the auspices of the University/constituent colleges:

- a. Loyalty to Pakistan and refraining from doing anything which is repugnant to its honour and prestige in any way.
- b. Respect for convictions and traditions of others in matters of religion, conscience and customs.
- c. Truthfulness and honesty in personal dealings and dealings with other people.
- d. Respect for elders and politeness to all, especially to women, children, the weak and the helpless.
- e. Special respect for teachers and administration of university.
- f. Cleanliness of body, mind, speech and habits.
- g. Helpfulness to fellow beings.
- h. Devotion to studies and prescribed co-curricular activities.
- i. Observance of thrift and protection of public property.
- j. Observance of the rules and regulations of the university in force from time to time.

## Prohibited Acts

The following acts are prohibited for students:

- a. Smoking in the university premises except on designated places, if any.
- b. Consumption of alcoholic drinks or other intoxicating drugs within the university or during instructions, sports or cultural tours or entering such places or attending any such tour or coming to university intoxicated/drunk.
- c. Organising or taking part against the university in any agitational activity inside the campus or organizing any clubs or societies of students which do not conform to the university's policies and regulations.
- d. Collecting any money or receiving funds or pecuniary assistance for or on behalf of the university except with the written permission of the Head of department or any other person authorized on management's behalf.
- e. Staging, inciting or participating in or abetting any walk-out, strike or other form of agitation against STMU, its constituent colleges, institutes and departments or its teachers, officers or authorities; inciting others to violence; disruption of the peaceful atmosphere in any way; making inflammatory speeches or gestures which may cause resentment; issuing of pamphlets or cartoons which cast aspersions on the teachers or staff or University authorities/bodies; doing anything in a way likely to promote rift and hatred amongst the students; issuing statements in the press; making false accusations against or lowering the prestige of STMU or its teachers, administrators, staff or bodies.



## Acts of Indiscipline

A student shall be deemed to have committed an act of indiscipline, if he / she.

- a. Commits a breach of Student Code of Conduct as specified or commits a prohibited act as specified in the code.  
Disobeys the lawful orders of a teacher or other person in authority.  
Habitually neglects work or absents himself/herself from the
- b. classroom without valid reason  
Damages public property or the property of fellow students or
- c. any teacher or employees of STMU and its Constituent Colleges/Institutes/Departments.
- d. Does not pay the fees, fines, or other dues payable under the laid
- e. down rules and regulations.  
Uses indecent language; wears immodest dress; makes indecent
- f. remarks; gestures; behaves in a disorderly manner; commits any criminal, immoral or dishonorable act (whether committed within the university or outside) or any act which is prejudicial to the interests of STMU.

## Action against Misconduct

Every member of the faculty, admin, University, college management and staff shall have the power to check any disorderly or improper conduct of, or any breach of the regulations, by students in any part of the premises of the university and its constituent colleges/institutes or outside when the visit is sponsored or organized by it. Misconduct in a classroom when a student is under the charge of a teacher shall not be allowed and a punitive action such as a fine, removal from the classroom or a punishment of greater magnitude may be imposed as decided by the authority so empowered.

## Penalties

A student guilty of an act of indiscipline shall be liable to the penalties specified below or promulgated through written orders/notifications:

- a. Removal from classroom, laboratory, or field work, for a maximum period of two contact hours.
- b. Expulsion from games or field work for not more than one week.
- c. Suspension from classes for a period not exceeding one week.
- d. Fine not exceeding Rs 10,000/- for any offense.
- e. Removal from a position of authority on the advice of the Student Advisor / HOD.
- f. Expulsion from the hostel
- g. Cancellation of remission of fees / assistantship / scholarship etc.
- h. Rustication for one or more semester
- i. Expulsion from the university.

## Procedure in Case of Breach of Discipline

A teacher, staff member or officer whose presence or in relation to whom an act of indiscipline has been committed or who gets to know of such act, may deal with the case himself/herself, or if in their view the case is one which can be more appropriately dealt by another authority or which warrants a penalty of greater magnitude than they are competent to impose, shall proceed as follows:

- a. Refer the case to the Head of Department/Program Coordinator or the higher authority as the case may be.
- b. All cases of serious breach of discipline will be referred to the Disciplinary Committee for investigation which will either impose the penalties if within its powers or recommend heavier punishments to the Principal/Director of the Colleges/Institutes as the case may be.
- c. When a case against a student is referred to the Disciplinary Committee, it may, if it deems fit, suspend the student from the



classes till the finalization of the case, with the approval of the Head of the College/Institute.

### **Offences during Examination**

Cases of indiscipline in or around the Examination Hall, and use of unfair means, shall be dealt with by the Examination Committee in accordance with examination regulations.

Chairpersons of Independent Teaching Departments of the university shall have same power as those of Head of Constituent Colleges/Institutes of STMU.

### **Dress Code**

Dress code will be based on the general principles of decency and in conformity with the social norms of the country. Dress prescribed for particular learning environment or occasion like apron, lab coat, gown etc shall be mandatory as per guidelines of the colleges.

### **Student Card**

Students will be issued University Identity Cards. They will be required to display their ID Cards at all times in the campus and present to authorised persons on demand.





# Contact Us

Title	Contact Person	Contact Number	Email Address
Dean's Office	Mr. Asim Ahmed (PS to Dean)	051-8438061-65 (Ext 102)	ps.dean.scps@stmu.edu.pk
Academic Advisor	Prof. Dr. Sagheer Ahmed	051-8438061-65 (Ext 501)	sagheer.scps@stmu.edu.pk
Student Affairs Office	Ms. Maimoona Shah Zaman	051-8438061-65 (Ext 103)	maimoona.sao.scps@stmu.edu.pk
Advisor Student Affairs	Dr. Mustafeez Mujtaba Babar	051-8438061-65 (Ext 502)	studentaffairs.scps@stmu.edu.pk
Admissions Office	Mr. Muhammad Humayun Tahir	051-8438061-65 (Ext 104)	humayun.sao.scps@stmu.edu.pk
Online Admissions Query	Mr. Muhammad Ali	0334-0048441	ali.mis@stmu.edu.pk
In-charge Admissions (Undergraduate)	Dr. Fawad Naeem	051-8438061-65 (Ext 303)	fawad.scps@stmu.edu.pk
Member of Admission Committee	Dr. Kainat Almer Sunny	051-8438061-65	kainat.scps@stmu.edu.pk
Finance and Accounts Office	Mr. Faisal Kiani	051-8493057	faisal.kayani@stmu.edu.pk
In-charge Hostel	Mr. Muhammad Azam	051-8464590	admin.secretariat@stmu.edu.pk
Admission Queries on WhatsApp	Mr. Muhammad Humayun Tahir	0349-9217277	admissions.scps@stmu.edu.pk



Postal Address: 72 Jaffar Khan Jamali Road, Adjacent FBISE, Sector H-8/4, Islamabad  
Website: <https://stmu.edu.pk>





Shifa Tameer-e-Millat University

شفا تعمیر ملت یونیورسٹی

9<sup>th</sup> Convocation

# CONVOCAATION







Shifa Tameer-e-Millat University  
شفا تعمیرِ ملت یونیورسٹی

10<sup>th</sup> Convocation

# CONVOCAATION





11<sup>th</sup>



Shifa Tameer-e-Millat University

شفا تعمیر ملت یونیورسٹی

# CONVOCATION



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