



PROSPECTUS 2023



“ Education is not Preparation for
Life; Education is Life itself ”



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VISION



Shalamar Medical & Dental College will be a leading institution of the future. It will be a world leader in education, research, and clinical care known for promoting the spirit of lifelong learning, innovation, and compassionate healthcare. We shall be focusing on the integration of research and education and the fusion of technology and clinical care in an endeavor to produce graduates who can provide cutting-edge healthcare that is cost-effective and affordable for the ordinary citizen. We shall imbibe in our students the highest values of medical ethics to be exemplary physicians who can be a source of enlightenment for others and be leaders in their fields.

MISSION



Shalamar Medical & Dental College aims to equip medical students and healthcare professionals from diverse backgrounds with the knowledge, skills, and attitudes required to meet the primary needs of the region and nation. It also aims to train the selected young men and women with quality medical education having the highest moral and ethical standards that are necessary in disciplined health professionals. The mission will be achieved through a commitment to the values of quality, excellence, compassion, integrity, and moral responsibility.

INTRODUCTION

The journey of Businessmen Hospital Trust (BHT) began with Chaudhry Nazar Mohammad (Late) who set out to create the "Businessmen Hospital Trust (BHT) in 1974. He envisioned a facility offering quality healthcare to the community and was joined by like-minded visionaries including Ch. Mohammad Husain and Mr. Shahbaz-ud-Din Chaudhry.

The evolution of the facility and where it stands today has only been possible through the tireless efforts of the capable & professional team who have worked with the trustees to implement the vision of Chaudhry Nazar Mohammad (Late) to create an institution to serve the needs of the community.

Over time BHT has evolved into 500-bed Shalamar Hospital, Shalamar Nursing College, Shalamar Medical & Dental College and Shalamar School of Allied Health Sciences.

SHALAMAR HOSPITAL

Shalamar Hospital is a Not-For-Profit hospital situated in the heart of Lahore city. The Hospital was instituted by the Businessmen Hospital Trust in 1978, following the unwavering determination, great vision and generous contributions of its founders. Shalamar Hospital is committed to providing quality health care to every individual in society who needs it.

Shalamar Hospital has evolved into 500 beds health care facility with state-of-the-art medical equipment. The Hospital provides high-quality multi-disciplinary services in 27 specialities including Pathology Lab and Radiology. Besides this, hospital has established a community outreach program to serve underprivileged masses. The Hospital is equipped with 11 modern operating rooms for patients undergoing surgery, gynaecological procedures and cases of trauma.

Shalamar Hospital cares for almost 600,000 patients every year with more than 1700 personnel caring workforce. The Patient Welfare Department ensures relief to those patients who are in need. Shalamar Hospital is the largest contributor in Sehat Sahulat program initiative of the government in the city. Our Sehatcard contributions and welfare efforts are well-known and acknowledged by the concerned authorities.

The Shalamar Hospital is accredited by Pakistan Medical & Dental Council, Pakistan Nursing Council and College of Physicians and Surgeons Pakistan for training purposes. At present, more than 100 residents are completing their Post-graduate training in multiple disciplines.

SHALAMAR NURSING COLLEGE

Nursing is the backbone of healthcare and the role of a nurse in a health facility is crucial. The Shalamar Nursing College (SNC) was established in 2006 to meet the growing demand for nursing professionals both locally and internationally.

The SNC campus is located within the SIHS premises offering training programs that serve as a foundation for long-term career opportunities in the field. The training at SNC prepares nursing graduates to follow a path towards nursing or other career opportunities like teaching, research, and advanced practice nursing through a rigorous structure of instruction and training.

SHALAMAR MEDICAL & DENTAL COLLEGE

Conceptualized in the year 2007, Shalamar Medical & Dental College (SMDC) inducted its first set of students in the academic year 2009-10. The priority of SMDC is to provide an environment conducive to students for academic learning and clinical training. Academic training at SMDC is constantly innovating and evolving. The upgradation of its teaching structure to the modular system is a reflection of that ethos. The curriculum now includes problem-based learning, small group discussions, and interactive learning supplemented by the latest educational aids taught by highly qualified faculty members. To foster the ideals of morality and ethics in every medical student, the teaching Behavioral Sciences and Medical Ethics is of fundamental importance and is stressed at the institution. Today, with 750 students, SMDC inspires lifelong learning and dedication to the principles of health care.

SHALAMAR SCHOOL OF ALLIED HEALTH SCIENCES

In 2015, the Shalamar School of Allied Health Sciences (SSAHS) was launched, making the Shalamar Institute of Health Sciences an establishment offering a complete spectrum of health education, to create a skilled healthcare workforce for the welfare of the community. SSAHS offers Doctor of Physical Therapy (DPT) Bachelors in Medical Lab Technology (MLT), Bachelors in Medical Imaging Technology (MIT), Bachelors in Optometry & Orthoptics (OPT), and Bachelors in Operation Theatre Technology (OTT) at the undergraduate level.



BOARD OF TRUSTEES



Mr. Shahid Hussain

Chairman Board of Trustees
Businessmen Hospital Trust



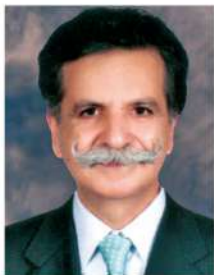
Mr. Syed Babar Ali



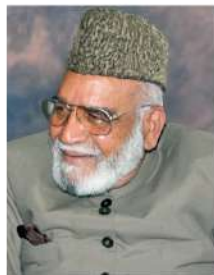
Mr. M. Munir Chaudry



Mr. Ibrar A. Mumtaz



Mr. Mian Altaf M. Saleem



Mr. Shahbaz-ud-Din Ch



Mr. Omar Saeed

MESSAGE



Prof. M. Zahid Bashir

Principal

Shalamar Medical & Dental College

Welcome to Shalamar Medical & Dental College.

I welcome you all to Shalamar Medical & Dental College, Lahore. It gives me great pleasure to be a team leader along with our faculty and students to bring the college to the forefront of medical colleges in the region.

We aspire to build the most dynamic academic nexus to become a center of excellence in teaching, medical research, and clinical training. We train our students to be competitive, innovative, knowledgeable, passionate, and caring healthcare professionals.

A problem-based learning (PBL) system has been implemented which familiarizes students to clinical medicine in the initial years of their studies. Our students are also encouraged to be involved in clinical and basic research. It is expected of them to excel not only as physicians but also as scientists with the ability to contribute to furthering knowledge, particularly in disease-related fields relevant to the community.

Most of our graduates are currently in -post-graduate programs in and outside Pakistan. We are in the process of establishing a comprehensive alumni program. In addition, we advocate an open door policy and our main objective is to build trust between faculty members and students.

We welcome you to join us in our endeavors to make SMDC recognized internationally.

ABOUT SMDC

Shalamar Medical & Dental College is a constituent unit of Shalamar Institute of Health Sciences and is ranked among the top-tier medical colleges in Pakistan. In a short time period, the institution has garnered a reputation for providing quality education, a tradition of excellence, and inculcating a passion for medicine in its students.

The institution was completed in 2009 and was the third project of the Businessmen Hospital Trust. First batch of medical students was enrolled in the academic session 2009-10. From 100 students in the first year of admission, the enrollment has now grown to 150 pupils each year.

SMDC is among the few medical colleges in Pakistan with a dedicated teaching hospital providing hands-on training to the students. The college grooms its students to adapt to the continuously changing landscape of modern medicine. The curriculum is developed taking into consideration both the academic and clinical training of the students.

The curriculum is upgraded from time to time and now includes problem-based learning, small group discussions, and interactive learning supplemented by the latest educational aids taught by experienced faculty members. SMDC takes pride in its exceptional faculty who share the institutional values of excellence in education and lifelong learning. The purpose-built centrally air-conditioned campus makes sure that the staff and students are facilitated with the latest amenities and facilities to ensure there are no obstacles in their academics or research.

SMDC is affiliated with the University of Health Sciences (UHS), and is recognized by Pakistan Medical and Dental Council. The College is listed in the directory of Medical Schools of the World Health Organization. To date, more than 1137 students have accomplished the dream of becoming medical professionals at SMDC.

SMDC is recognized by the College of Physicians and Surgeons Pakistan (CPSP) for postgraduate training in multiple disciplines including Medicine, Surgery, Gynaecology and Obstetrics, Paediatrics, Orthopaedics, Otorhinolaryngology (ENT), Anaesthesia, Dermatology, Cardiology, Radiology, and Ophthalmology. Currently, more than 100 post-graduate residents are trained in various specialties.

The institution's success is not limited to its academic standard only, SMDC is also recognized for its extracurricular & co-curricular activities which help create an environment of creation, cooperation, and collaboration fostering growth and lifelong friendships.

In about a decade, SMDC has created new standards of medical education in Pakistan and has realized the dreams of its founders to excel in education, research, and clinical care.

ACCREDITATION STATUS

- Recognized & Registered by Pakistan Medical and Dental Council
- Affiliated with the University of Health Sciences, Lahore
- Approved by Ministry of Health, Government of Pakistan
- Recognized by the College of Physicians and Surgeons Pakistan (CPSP)
- Included in the WHO Avicenna Directory of Medical Colleges
- Included in International Medical Education Directory by FAIMER
- Global Education in Medical Exchange (GEMx) partner institute in Pakistan
- Educational Commission for Foreign Medical Graduates



WHY CHOOSE SMDC?




Included In International Medical Education Directory By FAIMER



Included In WHO Avicenna Directory of Medical Colleges




Recognized By The College of Physicians & Surgeons Pakistan




750

CURRENT STUDENTS



109

FACULTY



1137

Alumni Body

MBBS CURRICULUM

Year-I <ul style="list-style-type: none"> > Anatomy & Histology > Physiology > Biochemistry 	Year-II <ul style="list-style-type: none"> > Anatomy & Histology > Physiology > Biochemistry > Islamic Studies / Ethics & Pak Studies 	Year-III <ul style="list-style-type: none"> > Pharmacology & Therapeutics > General Pathology > Forensic Medicine > Behavioral Sciences
Year-IV <ul style="list-style-type: none"> > Community Medicine > Special Pathology > Otorhinolaryngology (ENT) > Ophthalmology (EYE) 	Year-V <ul style="list-style-type: none"> > Medicine (2 Papers) > Surgery (2 Paper) > Obstetrics & Gynecology (2 paper) > Paediatric Medicine 	

SMDC offers courses in research, communication skills and medical ethics and Professionalism as longitudinal themes spread over the five-year program.

MEDICAL ENRICHMENT PROGRAM

Shalamar Medical & Dental College, Lahore has always been at the forefront of a major transformation in medical education. Shalamar Medical and Dental College (SMDC) and Lahore University of Management Sciences (LUMS) are initiating a seven star medical education plan similar to the ones offered internationally in renowned medical colleges.

The six years Medical Enrichment Program will equip students with the knowledge to stand out and pave the way to an exciting and rewarding career in the healthcare. The students who get admission at SMDC will have an option to spend first year of their medical education at LUMS and then continue their 5 year MBBS program at SMDC. Students who opt for this program will study critical thinking and logic, basics of cell and molecular biology and methods laboratory courses at LUMS. Students will also learn to use the tools for modern molecular diagnostics.

Program Benefits

1. This program will help strengthen the fundamental concepts biology required to understand disease development, disease progression and diagnostics.
2. Studying these courses will enable SMDC graduates to be globally competitive and at par with international medical graduates.
3. Graduates from this program will be equipped with the knowledge and skills to contribute towards research.
4. Imparting such knowledge and skills in MBBS students will help initiate quality research in medical colleges and universities. This will help Pakistan to contribute towards new knowledge generation and discoveries in medicine.

EDUCATION FACILITIES

LECTURE HALLS

Developed to house 150 students, lecture halls at SMDC are fully air-conditioned and equipped with multimedia facilities which include Wi-Fi, computers, and overhead projectors. The design of the lecture hall ensures flawless acoustics resulting in an environment favorable for both learning and teaching. The exceptional lecture halls highlight SMDC's top priority to facilitate students in learning.



MUSEUMS



The academic component of medical education is not complete without museums which comprise models of the human anatomy, specimens, and mannequins.

SMDC has an extensive collection of the above mentioned in the respective departmental museums of Community Medicine, Anatomy, Pathology, and Forensic Medicine & Toxicology; a requisite for proper training of students.

AUDITORIUM

The auditorium at Shalamar Medical & Dental College is named after the founding members of the Business Hospital Trust, Ch. Nazar Mohammad(Late) & Ch. Mohammad Husain(Late).

The auditorium is esigned to comfortably accommodate 500 people, and is equipped with the latest audio-visual conferencing facilities enabling discourse and discussion with other local & international institutions.

The facility has been utilized for multiple international conferences, workshops, symposia, and seminars with eminent scholars, world-renowned faculty, and academicians. The auditorium is also the mainstay for the majority of the student performances during their extra-curricular activities.



LIBRARY

There is an extensive collection of textbooks, reference books, illustrated collections, and up-to-date journals which serves as a guide to both students and faculty alike.



Library also has a vast collection of audio, videos, CDs, and DVDs to further support the educational and research experience.

The library is regularly updated with the latest journals and manuscripts to meet the needs of the academicians and students of SMDC.

The main library is further supplemented by the departmental libraries which house relevant literature to enhance the learning experience. The rarli-brary is also linked with HEC Digital Library.

Library timings are 8:00 a.m. - 12:00 Midnight.

COMPUTER LAB

The spacious and state-of-the-art computer laboratory currently 75 computers catering to the needs of the students on campus. The computer lab facilitates learning resources and offers high-speed internet at all times ensuring that the students face no hurdles in their academic pursuits.

The venue serves as not only an information resource center but also for students to interact and develop their presentations, assignments, and projects for their academics.



LABORATORIES

Modern medical education requires fully equipped laboratories for multiple subjects to impart practical training to students in their respective subjects. The laboratories at SMDC are equipped with multimedia facilities, a power lab, and the latest apparatus required for each specific subject. Currently, SMDC has 6 laboratories which include laboratory for Anatomy (Histology), Forensic Medicine, Pathology, and Physiology, Biochemistry, Pharmacology, and a separate lab for advanced research.



SKILLS LAB

The Skills Laboratory at SMDC offers students to develop their practical clinical techniques and be able to correctly examine, diagnose and treat their future patients. Cardiopulmonary resuscitation, pelvic, breast, and head mannequins are some of the teaching tools available for training. Dummy arms, legs, and backs are used to teach skills such as phlebotomy, inserting intravenous drips, executing a lumbar puncture and applying sutures, etc.



GYMNASIUM

A healthy mind, body, and soul are imperative for growth both personally and professionally. SMDC believes in the wellness of its students, faculty, and staff members and an air-conditioned gymnasium has been set up on campus. The gymnasium is equipped with the latest equipment and has separate timings for males and females. The coaching staff is also available in the gymnasium for training and guidance.



HOSTELS

We understand the importance of a comfortable and secure living environment, especially for our students. Our hostels are designed to provide a nurturing atmosphere that complements your academic journey. With well-appointed rooms, modern amenities, and dedicated staff, we ensure that your stay here is not just convenient, but also enjoyable. Our hostels encourage a sense of community, where lifelong friendships are forged and cultural exchange thrives.



FOOD COURT

The food court at SMDC meets the dietary needs of the students, faculty, and staff of the institution. The food court is located in the basement of the college with large windows bringing in ample sunlight creating an inviting atmosphere. The food is prepared under strict hygienic conditions in a professional-grade kitchen.

The food court offers an assortment of food items at reasonable rates for breakfast, snacks, lunch, and dinner. The food court is also licensed by the Punjab Food Authority.



CO-CURRICULAR ACTIVITIES

SMDC is not only dedicated to academic excellence but also to fostering holistic development among our students. Through a diverse range of co-curricular activities, we aim to provide a well-rounded educational experience that goes beyond the classroom. From student-led clubs and organizations covering various interests, and sports events that promote teamwork and fitness, to cultural celebrations that embrace diversity, there's something for everyone to get involved in. These activities not only enhance your skills and talents but also provide a platform for networking, personal growth, and lifelong memories.

Students can join the following student-run societies and clubs

- Arts & Photography Club
- Music Club
- Adventure Club
- Sports Committee
- Debating Society
- Dramatics Society
- Literary Society
- Horticulture Society
- Patient Welfare Society



DEPARTMENTS

BASIC SCIENCES

- Anatomy
- Biochemistry
- Bioethics
- Community Health Sciences
- English Linguistics and Communication
- Forensic Medicine & Toxicology
- Medical Education
- Pathology
- Pharmacology
- Physiology
- Research & Innovation

CLINICAL SCIENCES

- Anaesthesia
- Burns & Plastic Surgery
- Cardiology & Cardiovascular Surgery
- Dermatology
- General Surgery
- Internal Medicine
- Obstetrics & Gynaecology
- Ophthalmology
- Orthopaedics
- Otorhinolaryngology (ENT)
- Paediatrics
- Psychiatry & Behavioral Sciences
- Radiology
- Urology

DEPARTMENT OF ANATOMY

Knowing yourself is the beginning of all wisdom (Aristotle).

Human Anatomy is the study of the structure of the human body and the relationship between its parts. Human anatomy is the introduction to medicine, it is Polaris and Lexicon. It is central to all medical learning. It is an integral component of medical education as an introduction to the language of Medicine, Pathology, and Surgery.

The department of anatomy at SMDC facilitates Undergraduate students in pursuing a career in the field of Medicine, Surgery, Nursing, and Allied Health Sciences and in understanding the structure of the human body. The faculty of the department is qualified, skilled, motivated, and energetic with a deep zest for imparting knowledge of the subject.

The department applies a dynamic and progressive teaching approach, and utilizes all teaching methodologies. These approaches in the dissection hall, museum, and histology laboratory are a stimulating way to educate the students about collaborative learning and improve their communication skills.

The Department boasts a departmental museum, dissection hall, and a Histology laboratory to educate and train the students. The museum of the department has a variety of synthetic models and prosecuted specimens which develop surgical skills and enhance the understanding of the subject.

Dissection is an integral part of medical education and an unmatched effective method of learning and teaching the structure of the human body. The dissection hall is a well-ventilated, purpose-built facility with a fully functioning mortuary that can accommodate six cadavers.



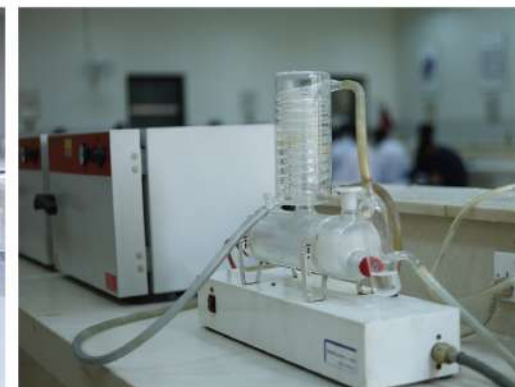
DEPARTMENT OF BIOCHEMISTRY

Biochemistry is the application of chemistry to the study of biological processes at the cellular and molecular levels. It has become the foundation for the understanding of the causes of many diseases in humans animals and plants, the investigations required, prevention and management of them. The department of Biochemistry at SMDC has competent and experienced research-oriented faculty committed to providing quality teaching and environment Medical, Allied Health Sciences, and Nursing students. The objective of the department is to teach students the molecular basis of all biochemical processes with clinical correlation. Biochemistry is taught in integration with other subjects both horizontally and vertically. Department is also committed to ingproviding a forum for research to undergraduate and postgraduate students

The faculty provides training to students via lectures, labs/practicals, small group discussions, and problem-based learning sessions so they understand the fundamental principles of the subject and toapply scientific reasoning to solve the problems of biochemistry and biochemical processes. Flip classroom technique and effective feedback mechanism are also a part and parcel of the curriculum. Faculty members are also trained to deliver online lectures, tutorials, quizzes, assignments, and assessments.

The department has a state-of-the-art laboratory completely furnished with equipment including PCR, ELISA, Gel Electrophoresis, Microlab, Spectrophotometers, -80 Refrigerator, Ultracentrifuge, Centrifuge, Microscopes, High-grade distillation units and Incubators allowing students to carry out experiments and understand the practical application of the subject. The students are encouraged to participate in the research projects of the department and are facilitated to present their work at international and national conferences.

The department is focused on creating a learning environment for the students and is creating opportunities for academic & professional development and community service. The department is recognized for M.Phil. and FCPS training by accrediting bodies.



DEPARTMENT OF BIOETHICS

Bioethics is the study of the ethical issues emerging from advances in biology and medicine. Shalamar Medical and Dental College launched the department of Bioethics in 2017. Bioethics, an emerging subject worldwide is fast becoming an integral part of medical education. SMDC has made it a part of the curriculum for both undergraduate and postgraduate students. The department runs a postgraduate Diploma in Healthcare Ethic & Professionalism (DHEP), a blended learning program for healthcare professionals, since 2021. The department of Bioethics is a member of the International Network of the chair in the Bioethics/World Medical Association Cooperation Center. The goals of the department include:

Curriculum Development

The undergraduate Bioethics curriculum at Shalamar Medical & Dental College has been adapted from UNESCO's core curriculum and is being taught on a longitudinal theme. The post-graduate curriculum is clinically oriented.

Research

Research Ethics is an essential part of the healthcare profession. The department of Bioethics has developed interactive workshops for professionals to understand the ethics of doing research in healthcare and to understand the guidelines and process of the Institutional Review Board.

Personal Moral Development

Department of Bioethics encourages students to understand and respect diverse views along with exploration of their own beliefs and biases.

Leadership

Department of Bioethics aims to promote ethical professional values among health care providers so that they become better leaders in the future.



DEPARTMENT OF ENGLISH LINGUISTICS AND COMMUNICATION

The Department of English Linguistics and Communication aims and aspires to play the leading role in improving the level of English language proficiency of SIHS students as well as its faculty to meet the national and international linguistic communication standards. The focus is on the scientific study of the English language to equip the students and faculty with the communication tools required for higher education, specialization, and job opportunities worldwide. For this purpose, the department to educate final year MBBS students for IELTS/OET which is mandatory for PLAB. The department is also committed to creating a community of professional health caretakers exhibiting effective communication skills required in diverse, global environments and cross-cultural settings.



DEPARTMENT OF COMMUNITY HEALTH SCIENCES

Community Medicine is a broad-based specialist branch of medical science and is defined as “a science and art of promoting health, preventing diseases and prolonging life by a range of interventions (promotive, preventive, curative, rehabilitative and palliative) in close partnership or association with health care delivery systems and with active community participation and inter-sectoral coordination.” The major aims of Community Medicine are to prevent a disease before it occurs, promote the health and wellbeing of the population, and protect the community at large.

Community Medicine focuses on the determinants of health, local health issues, community-oriented primary health care, and the zorganization of healthcare services to attain the optimal quality of health. The practice of Community Medicine requires a multidisciplinary approach. The core subjects in Community Medicine are epidemiology, basic clinical sciences, and the healthcare delivery system including primary health care. Biostatistics, public health nutrition, demography, social, behavioral, environmental, occupational, and management sciences are other critical areas within the discipline of Community Medicine. The knowledge and expertise in any of the aforementioned areas can be applied to any setting – be it a community, a workplace, an organization, or a country.

The Department of Community Medicine at SMDC enables undergraduate students to comprehend the disease not only in human beings but also in its dynamics in the community. The subject of community medicine is taught in line with the Pakistan Medical & Dental Council (PM&DC) and the University of Health Sciences (UHS) curricular requirements. The teaching is comprised of the following elements:

- 1. Lectures** - covering the theoretical aspects of the syllabus.
- 2. OSPE** - covering the applied aspects of the syllabus in the form of PowerPoint images and Community Medicine Museum Models.
- 3. Practical Research Skills** - comprising of teaching core research methods, developing research projects and presenting the work, critically reviewing published literature, and presenting their assessments during the Journal Club sessions.
- 4. Community / Household Surveys** - after the necessary IRB approvals, the students undertake data collection, compilation, and analysis and write their survey reports.
- 5. Newspaper / Press Clipping** - these are meant to keep the students up-to-date on important public health matters.
- 6. Community Visits / Field Visits** - under the supervision of faculty members, the students visit various community-based organizations, and ercenters to understand their contributions and services in the context of the wider healthcare system and zrecognize the role of determinants of health in communities.

Formative and summative evaluation of the students is undertaken in line with the standards established by the UHS. The end product is a well-rounded student who can apply their knowledge and skills

for the betterment of their communities and the health systems.

The department maintains an active research agenda and takes pride in publishing scores of original research articles in indexed health journals since its inception. Well-experienced departmental faculty members have been involved in delivering continued medical education in the fields of health research methodologies and biostatistics. The faculty members actively participate in and conduct workshops on medical education to impart the emerging theories of student learning. The departmental faculty also regularly participates in coordinating co-curricular activities like dramatics, indoor games, and athletics with the rest of the college faculty.



DEPARTMENT OF FORENSIC MEDICINE & TOXICOLOGY

Forensic medicine and toxicology is an important and integral part of medical education and is practiced at the interface with law. It is playing a pivotal role in aiding justice. It aims at the search for truth.

A medical graduate is supposed to apply his knowledge of medicine and ethics to solve different civil and criminal issues in liaison with law enforcement agencies. A doctor serving Government Medical Officer is required to do medico-legal examination of the living and autopsy of the dead relating to common offenses. These medical examinations are required by law for dispensing justice.

The subject of forensic medicine and toxicology is taught in the 3rd year of MBBS . Because of its distinct nature, various effective educational strategies are employed to teach the subject. The department is custom built featuring a forensic medicine museum, tutorial, and demonstration rooms. The extensively housed forensic museum encompasses weapons of assault, models, charts, toxicological specimens, and different radiographs covering the spectrum of medico-legal aspects essential for undergraduate students.

The department has a well-equipped laboratory aimed to keep the students abreast with the latest techniques used in forensic science. For clinical exposure, students visit the forensic medicine department of King Edward Medical University and enhance their skills to apply the subject clinically. Till today several severalgraduates of SMDC are successfully providing their services in the subject area in Pakistan and abroad because of the training they received at this prestigious institute.

During COVID 19 pandemic, when all the educational activities were suspended by the government, the management of SIHS made the necessary arrangements to continue the educational activities through different online modalities. There have been 34 webinars and 20 Moodle sessions in which all students participated wholeheartedly, evident from their attendance and results of the assessment/ tests. Moreover, the department is also involved in organizing journal club meetings on regular basis, in which faculty members present quality research articles published in index journals, keeping them abreast with the latest innovations in the subject.

Under the astute leadership of the Head of the Department, the faculty of the department focuses on inculcating a sense of moral responsibility within the students and ensures they are trained to reflect the standards of excellence set at the institution.



DEPARTMENT OF MEDICAL EDUCATION

The mission of the department is to "Improve the Quality of medical education".

The Department of Medical Education (DME) works tirelessly to develop practices in line with emerging teaching techniques to enrich and enhance medical education for students. The department is actively involved in research, teaching courses, and educational support in areas of curriculum development & assessment. DME focuses on the following key areas to create an environment of learning for students: **Curriculum Development and modification**

The Department plays a central role in developing a curriculum that integrates multidisciplinary teaching in medicine at SMDC.

E-Learning

Department of Medical Education encourages the incorporation of E-learning as a teaching/learning modality during curriculum development. DME initiated the E-learning program for all the students of medical college. The department trains and facilitates students and teachers to conduct online teaching activities over Zoom and webinars. DME also manages Learning Management Software (Moodle) to provide a secure environment for the teachers and students for conducting the assessment.

A wide array of resource information in the form of presentations, courses, and video links are made available for each student that they can access anywhere on their devices. The department also facilitated Nursing and Allied Health Sciences in conducting online education during COVID 19.

Skills Lab

DME supervises the Skills lab of SMDC which contains mannequins and basic life support models for simulations. The goal is to improve the clinical skills of medical students before embarking on actual patient encounters.

Faculty Development

DME conducts periodic workshops for the personal and professional development of faculty in areas of teaching, assessment strategies, leadership, professionalism, and communication skills.

Problem Based Learning

Problem-based learning is a student-centered approach that prepares students for academic, personal, and professional success. It allows students to take charge of their learning and fosters team building, critical thinking, and communication skills while developing leadership skills. DME dedicatedly incorporates this methodology during curriculum development.

Mentorship Program

The mentorship program at SMDC bridges the gap between faculty and the students creating avenues for advice in career development, improved academic performance, and addressing any concerns/issues that may be raised by students.

Assessment Cell

SMDC aims to provide an accurate and fair assessment to the students. Assessment Cell has been established with this goal in mind to make the examinations standardized. The assessment cell is equipped with OMR (optical mark reader) to improve the efficiency of result checking and to analyze the results to improve further in this area.

Course Evaluation

Consistent improvement is imperative for the growth and development of the institution. To this end, DME organizes periodic online anonymous faculty evaluations from the students to help remedy any areas that may need improvement. Lately, an exercise on SWOT analysis was conducted to find out gaps in teaching/learning, curriculum, and assessment.

Career Advising

DME offers guidance on career growth and international examinations such as USMLE, and PLAB through workshops and one-on-one meetings.

Personal & Professional Growth

DME has initiated longitudinal teaching to instill in medical students the importance of professionalism, ethical and moral values, and leadership and self-study skills.

Research

DME is working with faculty members from basic and clinical sciences to create a platform for research at Shalamar Medical and Dental College. This will result in medical students being introduced to research from the beginning of their careers in medicine.

Quality Assurance in medical education

A committee of Quality assurance has been identified to look after the Quality of teaching, learning, assessment, etc. The Committee is chaired by the Head of DME. The Committee plans and implements the processes to improve the quality of medical education.



DEPARTMENT OF PATHOLOGY

The mission of the Pathology Department at SMDC is to excel in teaching, patient services, academic activities, and research. Department strives to impart high standards of ethical values to students, in-training physicians, and laboratory staff for exemplary professional conduct and empathy towards patients. Department emphasize the concept of "patients first" and make an effort to organize laboratory services in a patient-centered manner. Department educate students to be responsible citizens of the world and teach them the link between disease prevention and improvements in environmental and food standards.

Pathology is an integrative discipline encompassing multidisciplinary study at molecular, genetic, and sub-cellular levels, and thus may involve obtaining body tissues, body fluid, and/or blood samples for analysis. Pathological studies aim at understanding how and why diseases develop, their signs and symptoms, and the complications of specific diseases. The ultimate objective is to improve the management of these diseases in the clinical setting, to enable and guide treating physicians and surgeons to deliver the best possible healthcare to patients.

The academic functions of Pathology Department involve teaching students of SMDC, Shalamar School of Allied Health Sciences (SSAHS), and Shalamar Nursing College(SNC). SMDC houses a gross pathology museum, student pathology laboratories, and a state-of-the-art medical library, all of which support the educational activities of the students.

The pathology laboratory located at Shalamar Hospital provides clinical service to inpatients, out-patient clinics, and the community. The hospital laboratory is recently upgraded and equipped with modern/ automated medical equipment in the sections of histopathology, chemical pathology (including special chemistry and immunology), hematology & blood bank, microbiology, and molecular biology. The molecular biology section also has a fully equipped COVID-19 testing facility.

The diverse faculty and laboratory staff are trained internationally and nationally with recognized degrees including Ph.D. (USA, UK, Pak), American Boards in Pathology(USA), Fellow of Royal College in Pathology (UK), FCPS (Pak), and M. Phil (Pak). These highly-trained faculty members specialize in various subspecialties of pathology and carry on the mission of the department with dedication.



DEPARTMENT OF PHARMACOLOGY

Pharmacology is a branch of science concerned with drugs including their origin, composition, pharmacokinetics, therapeutic use, and toxicology.

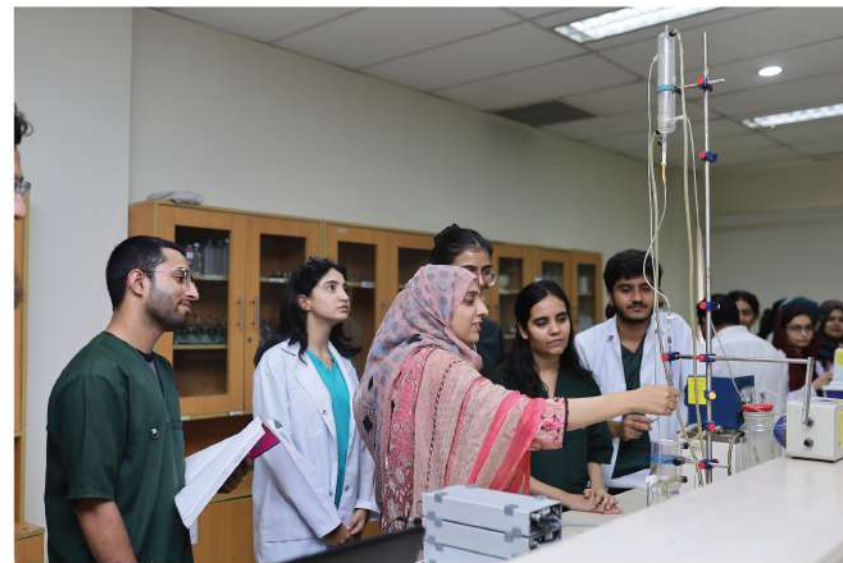
Pharmacology is a core part of medicine that over time has helped develop drugs and medicines that have saved countless lives.

The department of Pharmacology at SMDC is involved in teaching undergraduate students of Medicine, Allied Health Sciences, and Nursing. Grooming an aptitude for research and data gathering, the department concentrates on teaching in a practical setting.

The department comprises a well-trained, competent primary & research faculty, graduate students, and technical support staff. All team members work together to create an atmosphere of academic excellence and a thirst for exploration.

The department is equipped with the latest -to- equipment required for research and practical application. This includes three digital data recording systems for experimentation and research on living tissue.

The Department also features an animal house for pharmacological research which is accessible to both staff and students to conduct experiments for research purposes. The department actively participates in the development of a coordinated curriculum in collaboration with the medical education department for undergraduate studies. The Department zrecognized for M-Phil training in the subject by the University of Health Sciences (UHS) which demonstrates the quality and competency of the department.



DEPARTMENT OF PHYSIOLOGY

Physiology is the functioning of the human body and is the foundation of modern Medicine. It is the branch of biology that aims to understand the mechanisms of living things, from the basis of cell function at the ionic and molecular level to the integrated behavior of the whole body.

Physiology is taught in the first two years of the MBBS and is integrated with subjects of Anatomy, Biochemistry, Medicine, Surgery, Eye, ENT, and Community Medicine. Physiology is taught by well-experienced faculty members who are well versed not only in teaching but in research as well. They are trained to build a solid preliminary base of medicine in the students as they progress in their learning over the years at the institution. The department teaches post-graduate students of FCPS (Physiology), undergraduate students of MBBS, Allied Health Sciences, and Nursing, utilizing modern teaching techniques to conduct lectures, tutorials, interactive sessions, problem-based learning, presentations, and case-based discussions. SeLMS, webinars, and zoom sessions are also used for online physiology teaching.

The Physiology department has a state-of-the-art laboratory for practical and research work of post-graduate and undergraduate students. The physiology lab is equipped with the latest gadgets, apparatus, and instruments along with power labs allowing students to conduct experiments in an environment at par with any medical institution in the region.

The department is committed to instill a passion for research in its students and this commitment can be seen in the establishment of the research lab and students' participation in national and international conferences. The research lab is designed to facilitate and encourage the students to go beyond their curricula and develop aspiration toward research.



DEPARTMENT OF RESEARCH & INNOVATION

The Department of Research & Innovation (R&I) was established at Shalamar Institute of Health Sciences (SIHS) in May 2019. The department aims to manage and progress the strategic initiatives regarding Research and Development (R&D) in this institute. It has been focusing on creating a resourceful environment for students, faculty, and researchers to conduct rigorous research in healthcare, and to grow its research output qualitatively and quantitatively every year.

The roles of the department include:

Research

Department of Research & Innovation has expert manpower and well-established laboratories at par with that of the developed world to promote, support, and guide the diverse research interests of faculty and researchers on interdisciplinary projects.

The Department believes in empowering students by providing comprehensive support to enable them to complete their research projects, write their theses, and reports, and publish articles as part of their degree program.

Institutional Review Board

The Institutional Review Board (IRB) is an integral part of the R&I department and is the clearing house for all non-funded and funded research studies. It ensures the scientific and ethical integrity of research proposals to be conducted by researchers of SIHS either within the institute or in collaboration with other institutes, at the community, regional or national level. The board also acts as a facilitating body for researchers, either from SIHS or from other institutes.

Training & Development

The R&I department is actively involved in teaching Research Ethics to students of SIHS. The department is also active in organizing and facilitating workshops on Research Methodologies, and Research Ethics both for undergraduate researchers and faculty.

The Department of Research & Innovation conducts hands-on training workshops for students, researchers, and in-job technologists, to learn Laboratory techniques.

Research Grants:

The department in collaboration with other departments locally, nationally, or internationally, is actively involved in securing grants.



DEPARTMENT OF ANAESTHESIA

Anesthesia is a state of controlled, temporary loss of sensation or awareness that is induced for medical purposes which would otherwise be painful and complicated.

The goal of the Anaesthesia department at SMDC is to ensure patient safety and follow a patient-centric philosophy of compassionate and dedicated care. This vision is instilled in both the undergraduate and post-graduate students who train under the competent faculty of the department.

This department provides clinical services to all surgical specialties, obstetrics, Gastroenterology, and critical care areas as well as acute and chronic pain management including epidural analgesia services during labor. There is 8 bedded Surgical ICU being run by the Anaesthesia Department for the management of critically ill surgical patients. The team's multidisciplinary approach to chronic pain and interventional pain management allows competent and effective care.

The team takes pride in its approach to teaching which combines practical training with academic learning and research. This approach has shown exceptional results and more than 35 physicians have completed their post-graduate training and are now placed in top-tier institutes locally and internationally creating a name for themselves and the institution. Currently, 15 physicians are completing their post-graduate program based on competency-based teaching and training.

It is not surprising that Shalamar Hospital is one of the top choices for post-graduate studies in Anaesthesia in the country. The Anaesthesia department of Shalamar Medical & Dental College is fully recognized by the College of Physicians and Surgeons Pakistan (CPSP) for training.



DEPARTMENT OF BURNS & PLASTIC SURGERY

Plastic Surgery is a surgical specialty that is dedicated to the reconstruction of facial and body defects due to birth disorders, trauma, burns, and disease as well as for cosmetic effects.

The Burns & Plastic Surgery department began its journey as 10 bedded Child Reconstructive Surgery and Research Centre (CRSRC) in collaboration with the House of Charity, an American non-profit organization. It was founded to help impoverished children to receive quality medical care. To meet the growing needs of patients requiring critical care, it was revamped and upgraded in 2017 as the Hashmat Effendi Burn & Plastic Surgery department.

The department offers reconstructive, cosmetic, hand, microsurgical, and complex craniofacial surgeries with special emphasis on pediatric burn care. The Hashmat Effendi Burn & Plastic Surgery department acts as a regional referral center for acute pediatric burns.

The unit features a 4 bedded Burn Intensive Care Unit with ventilators and an isolation room. The Burns ICU caters to pediatric patients with major burns. The department also has an 11 bedded general ward in addition to dedicated plastic surgery operating rooms, procedure/dressing room, tub/hydro therapy room, physical and occupational therapy room, child life & clothing room, counseling room, outpatient clinic, medical photography section, and a healing garden. The department plans to add a skin bank in the future. Various faculties from across the globe visit the department of Plastic Surgery to enhance the teaching of doctors.

The department functions on the principles of compassion with empathy as they serve individuals suffering from physical defects, birth disorders, and burns. The medical students are trained in burn injuries including rules for its estimation and basic burn reconstruction. As part of the general surgery curriculum, the students are given an introduction to reconstruction and basic principles of plastic surgery. Also, knowledge about pediatric cleft surgery is given during their final year of medicine. In addition, electives are offered to final-year medical students to introduce them to plastic surgery as part of surgery rotation. Also, the rotation has been offered to 3rd and 4th-year medical students giving plastic surgery as a taster for their future careers. In light of Covid-19, webinar sessions have been arranged by faculty with contributions from overseas experts covering major aspects of Plastic Surgery & Burns.



DEPARTMENT OF CARDIOLOGY & CARDIOVASCULAR SURGERY

Cardiovascular diseases and Cardiology is a branch of medicine for conditions affecting the heart and blood vessels.

The Department of Cardiovascular Diseases, the largest clinical unit within the Department of Medicine, has garnered a reputation for exemplary services and treatment in a short time. Equipped with state-of-the-art technology, coronary angiography lab, operation theatres, cardiac emergency, outpatient clinics along with an independent 15 -bedded Cardiac Care Unit (CCU) and a 10 bedded Rasheeda Begum Cardiac Centre (RBCC), allows the department to offer an extensive range of cardiac services. Our highly trained and compassionate cardiologists and cardiac surgeons deliver cutting-edge preventive, diagnostic, and therapeutic services to patients with coronary artery disease, valvular heart disease, arrhythmia, heart failure, and peripheral vascular disease.

The department offers 24-hour emergency cardiac services including round-the-clock coronary angiography and angioplasty for patients with heart attacks. Thousands of routine non-invasive procedures including ECG, transthoracic and trans-esophageal echocardiography, cardiac stress testing, 24-hour Holter, and ambulatory blood pressure monitoring is done each year. Similarly, a large number of invasive procedures including coronary angiography, angioplasty, pacemaker insertions, and peripheral angiography and angioplasty are performed. The cardiac surgical unit performs coronary artery bypass grafting (CABG), heart valve surgery, and vascular procedures including hemodialysis fistula for hundreds of patients each year.

In addition to clinical services, the department is an excellent educational resource to medical students, house officers, and cardiology PG trainees. The department has taken the leading step to teach cardiovascular diseases to our medical students from the very beginning of their career, initially incorporated in basic sciences and later on cardiovascular disease pathology and patients' management during clinical rotation from 3rd year onward. Medical students also benefit from Basic Life Support (BSL) and Advanced Cardiac Life Support (ACLS) courses; ECG and Echocardiographic workshops. During CCU clinical rotations, medical students also get exposed to cardiovascular procedures in Cath Lab such as coronary angiography, and angioplasty.

The comprehensive training ensures that a student has a thorough understanding of cardiovascular diseases. The cardiovascular department under its leadership is continuously developing novel plans for the expansion of patient care, excellence in teaching, and training of future physicians and cardiologists and research. The goal is to continue hard work to grow the department to loftier heights in the coming years.



DEPARTMENT OF DERMATOLOGY

Dermatology is the branch of medicine concerned with the diagnosis, prevention, and management of diseases of the skin, hair, and nails. These could be diseases primarily involving the skin or cutaneous manifestations of other systemic diseases.

The department of Dermatology was set up to treat basic skin diseases and now it comprises full fledged teaching faculty including a Professor, an Associate Professor, and a Senior Registrar.

The facility offers clinical services and multiple therapeutic and aesthetic procedures under its umbrella. These include cryotherapy, cauterization, peeling procedures, and phototherapy services along with diagnostic tests, fungus scraping, and skin biopsies. Aesthetic procedures such as PRP for the face and scalp and skin rejuvenation with Lasers are also available at the facility. Laser Hair removal with the latest NdYAG Laser Machine and treatment of scars, facial wrinkles, and fine lines with CO2 Fractional Laser was started almost two years ago and both have shown excellent results so far. The team has also introduced the Q-Switch NdYAG Laser for pigmentation, birthmarks, and rejuvenation of the face.

The undergraduate students of SMDC are trained in diagnosing and treatment of skin, hair, and nail disorders. Students benefit from the exposure they gain from almost 200-250 patients visiting the outpatient department daily as well as from regular rounds on inpatient dermatologic patients. This allows the students to see a variety of patients suffering from different skin diseases and learn how to effectively diagnose and manage them.

The objective of the department of Dermatology is to impart clinical training to both post-graduate and undergraduate students in a manner that increases their dermatological knowledge and creates avenues for critical thinking through academic rounds, seminars, and workshops held at the department.

The dermatology department is fully recognized by the College of Physicians and Surgeons Pakistan (CPSP) since 2015 for the Fellowship of College of Physicians & Surgeons (FCPS).



DEPARTMENT OF GENERAL SURGERY

General surgery is a medical discipline that involves performing various types of surgical procedures to treat a broad range of health problems and diseases. Established four decades ago in 1974, the Department of General Surgery is an integral part of Shalamar Hospital and has been providing surgical training to both undergraduate and postgraduate students.

Medical students are trained a competent faculty who focus on introducing surgical interventions methodically to the undergraduates. The surgical training is carried out at Shalamar Hospital and Fauji Foundation Hospital.

The department of Surgery trains undergraduate students throughout the five years of MBBS studies. The foundation of surgery rests on a firm understanding of basic medical sciences. The curriculum has been designed based on a blended curriculum. The students are regularly assessed through Objective Structured Clinical Examinations (OSCE), Multiple Choice Questions (MCQs), and Short Answer Questions. Log Books record the training activities of the students which are assessed and scored at the end of each rotation.

The faculty envisions preparing minds which are not only competent to perform procedures but are empathic towards the patients, can communicate with them effectively and understand their problems intelligently.

Operation Theater Complex is quipped with 9 state-of-the-art operation theatres, and exceptionally skilled faculty performs surgical procedures for all major and minor procedures. The department is persistently innovating offering new surgical procedures and developing specialized endocrine, oncology, and bariatric centers.

The faculty consists of highly qualified surgeons who aim to be recognized locally and internationally as frontrunners in the surgical profession. The department is recognized by the College of Physicians & Surgeons (CPSP) for the training of postgraduates in surgery further endorsing the technical expertise and competence of the team.



DEPARTMENT OF MEDICINE

The subject of medicine is the practical application of all the basic sciences that medical students learn in their initial years of education and training. The first three years of medical studies entail an understanding of the basic sciences which include anatomy, physiology, biochemistry, forensic medicine, community health sciences, and pathology. With this foundation of basic sciences, the department of medicine trains students to apply their knowledge to understand signs, symptoms, and laboratory studies to diagnose and treat their patients.

During clinical training in all academic years of MBBS, students are taught how to take patient history, how to perform a clinical examination, and further training on investigation tools and treatment modalities. Besides this, students are also allowed to observe different medical procedures such as GI endoscopies, bronchoscopies, echocardiogram, hemodialysis, mechanical ventilation, lumbar punctures, pleural and peritoneal aspirations, and biopsies of various organs.

Department of Medicine covers General Medicine and all the related subspecialties including Cardiology, Gastroenterology, Pulmonology, Neurology, Rheumatology, Nephrology, Endocrinology, Dermatology, Psychiatry, and Hematology/Oncology.

The highly qualified faculty of Medicine focuses on creating a bridge for students from theoretical to practical training. The department of medicine is also responsible for introducing the students to research within the field and ensuring their active participation in supervised research projects. These activities help to improve the critical thinking process of the students and during training, medical students are regularly assessed by tools such as multiple choice questions (MCQs), clinical examinations including table viva, short case, long case, and objective structured clinical examination (OSCE).

The Medicine department of Shalamar Medical & Dental College is fully recognized by the College of Physicians and Surgeons Pakistan (CPSP) for FCPS training.

The department of Medicine at Shalamar Hospital provides healthcare facilities not only to the residents of Lahore but to patients who travel from across Punjab seeking treatment for medicine and sub-specialties. This enhances the student's exposure to multiple pathologies and their management, hence supplementing their proficiency in the profession.



DEPARTMENT OF OBSTETRICS & GYNAECOLOGY

The branch of medicine specializes in the care of women during pregnancy and childbirth and the diagnosis and treatment of diseases of the female reproductive organs.

The Department of Obstetrics and Gynaecology has grown to encompass multiple sub-specialties. Department handles more than 3000 deliveries each year which highlights the department's strength and potential to handle such huge numbers.

Medical students are immersed in hands-on training along with academic studies on the subject by the highly experienced faculty exposing them to the functioning of the department, procedural training, and an understanding of this branch of science.

The department conducts structured teaching and training for undergraduate medical students as well as postgraduate students. This includes regular tutorials, case presentations, and journal club meetings. Perinatal and maternal morbidity and mortality meeting being held every month.

The Department is equipped for the care of low-risk and high-risk Obstetrics and Gynaecological patients and has all the essential amenities, equipment, and apparatus. There is an outpatient department, which has five separate examination rooms, with a facility for antenatal and postnatal care, ultrasound, colposcopy, vaccination, neonatal examination, family planning, and infertility management. Sub-specialty clinics are also functional which include a urogynaecology clinic, infertility clinic, feto-maternal medicine, and a gynaecologic oncology clinic with plans to establish a menopause clinic and in-vitro fertilization unit.

The Gynaecology department's operation theatre is fully equipped to carry out emergency, conventional, laparoscopic/endoscopic surgeries. A recent addition is an endoscopy unit which is now functional. The facility has separate rooms for resuscitation and observation for newborns, epidural, ultrasound, eclampsia, and procedure rooms.

The competency of the faculty can be evaluated by the research studies published in world-renowned indexed journals including The Lancet s, highlighting the academic strength of the team. All faculty members have been certified for the Advanced Trauma Life Support (ATLS) and Advanced Life Support in Obstetrics (ALSO) programs conducted by the College of Physicians and Surgeons of Pakistan (CPSP).

The department of Obstetrics and Gynaecology also offers training in -post-graduate studies and is recognized by the College of Physicians and Surgeons Pakistan (CPSP).



DEPARTMENT OF OPHTHALMOLOGY

Ophthalmology is a branch of medicine and surgery that deals with the diagnosis and treatment of eye disorders.

For more than 20 years, The Department of Ophthalmology has been treating patients from all walks of life and persistently modernizing with new techniques and procedures. This has resulted in a facility that provides extreme care for patients with eye diseases along with training and teaching of undergraduates, postgraduates, and allied vision science students.

The direct interaction of the students with a large number of patients having a diversity of ophthalmic diseases helps in clear orientation about the management of ophthalmic disorders. The students are allowed to assist faculty members to enhance learning experience while observing and assisting them in minor procedures. The hands-on experience supervised by the faculty allow students to evaluate, investigate, treat or refer the patient to the appropriate specialist.

The department is equipped with the latest diagnostic and therapeutic equipment ensuring the unit expertly diagnose and treats diseases with maximal precision. The resources available at the department allow for academic learning which is at par with international standards utilizing modern teaching techniques including lectures, discussions, seminars, and conferences. The students are encouraged to develop critical thinking and be active in research in collaboration with the staff.

The department of Ophthalmology is also recognized for -post-graduate training by the College of Physicians and Surgeons Pakistan (CPSP).



DEPARTMENT OF ORTHOPEDICS

Orthopedics is the branch of medicine concerned with the musculoskeletal system and treating injuries of bones, joints, ligaments, or tendons. The department of Orthopaedics was established to provide excellence in healthcare services. The department currently offers tertiary level clinical services, which include management of acute and neglected trauma, adult reconstruction surgeries including joint replacement surgery, arthroscopic surgery of the shoulder, hip, and knee joints as well as Paediatric Orthopaedics. The department maintains the highest standards of preoperative, perioperative, and postoperative orthopedic care and continuously seeks advances in surgery and diagnostics.

The well-qualified and experienced faculty of orthopedics is supplemented by state-of-the-art operation theatres and the latest equipment to perform complicated surgical procedures. This combination of technical expertise backed by technology offers medical students a rare insight into the field exposing them to a variety of orthopedic cases ranging from minor ailments to complicated surgeries.

The students are tutored in the subject throughout the five years of their education via integration with basic science subjects and later through clinical rotations in the department. During the rotation, students are trained through tutorials, clinical examinations, and presentations. Orthopedic cases of clinical interest are discussed in the CME programs. The students are also exposed to pre-operative planning of surgical cases giving them an introduction and basic understanding of the subject. The team aims to be recognized as a leader in innovation and to become a center of excellence in the field of healthcare services, training, and clinical research. The department of Orthopaedics is recognized by The College of Physicians and Surgeons Pakistan (CPSP) for the training of Fellows of the College of Physicians & Surgeons (FCPS).



DEPARTMENT OF OTORHINOLARYNGOLOGY (ENT)

Otorhinolaryngology is a surgical subspecialty of medicine that deals with conditions of the ear, nose, and throat and related structures of the head and neck.

The Department of Otorhinolaryngology (ENT) has become synonymous with utilizing cutting-edge technology and instrumentation to ensure precision and accuracy. The field is an integral part of learning for undergraduates as during their clinical practice the graduates will see numerous cases of patients dealing with the nose, ear, and throat issues.

The faculty is focused on effective training of students on how to evaluate, investigate and treat these issues. The department provides an excellent opportunity for undergraduate students to acquire hands-on psychomotor and clinical skills in this specialty. The Audiology section of the department is well equipped to provide facilities for hearing evaluation and vestibular testing through pure tone audiometry, play audiometry, and tympanometry.

The ample patient base provides students an opportunity to interact with patients directly, allowing them to recognize diseases and manage and treat these ailments while communicating with the patients about future prevention and care.

Taught in the 3rd and 4th year of MBBS, Otorhinolaryngology focuses on grasping the basics of patient evaluation and management and gradually being exposed to complicated head and neck surgery techniques. The faculty is highly trained offering services from minor issues to major surgical procedures of the head and neck.

The department of Otorhinolaryngology (ENT) is also recognized by the College of Physicians and Surgeons Pakistan (CPSP) for post-graduate training.



DEPARTMENT OF PAEDIATRICS

The branch of medicine that deals with the health and medical care of infants, children, and adolescents from birth up to the age of 18. The Department of Paediatrics at SMDC is fully equipped to impart clinical training and learning to the medical students of the institution. The department not only aims to train the students to understand the complexity of physical ailments but also to invigorate the spirit of compassion among the students so that they can also deal with the emotional needs of the child and their families.

With a focus on hands-on training, the Paediatric Unit of Shalamar Hospital, is furnished with a purpose-built neonatal nursery, children ward, general and private outpatient departments, vaccination center, well-baby clinic, pediatric ER and pediatric intensive care unit.

The subject of pediatrics is taught to the MBBS students from the 3rd year onwards until they graduate. The department of pediatrics at Shalamar Hospital consists of highly qualified faculty which incorporates educational activities like bedside training, case-based learning, clinical conferences, and perinatal mortality and morbidity meetings to ensure that the students excel in their training as they become a part of the medical profession and serve their patients.

The pediatrics department is recognized by the College of Physicians and Surgeons Pakistan (CPSP) for the training of MCPS & FCPS. The department has also conducted workshops in collaboration with the University of Birmingham, UK.

The Department is also recognized by the Royal College of Paediatrics and Child Health (RCPCH) of the United Kingdom for MRCPCH training which is a testament to the pediatric department's quality of training and education.



DEPARTMENT OF PSYCHIATRY & BEHAVIORAL SCIENCES

Psychiatry and Behavioural Sciences is a medical specialty devoted to human actions behavior, diagnosis, prevention, study, and treatment of mental disorders.

The department has been offering services in psychiatry since 1996; inculcating in the communities the awareness of mental health issues and the need to create a safe environment for patients suffering from psychological disorders. The faculty of Psychiatry and Behavioural Sciences provides evidence-based psychiatric treatment services which include counseling, behavioral therapies, and medication whilst adhering to international ethical guidelines.

The students of SMDC are educated in this field throughout the five years of learning at the institution ensuring that once the students graduate they are not only able to diagnose physical disorders but also mental health issues. The students are trained to effectively utilize their knowledge to communicate with patients suffering from mental health issues and their relatives with an approach rooted in attention, understanding, and compassion.

The rigorous curriculum of the subject during the five years course of study ensures that the students have a thorough understanding of the mental health problems faced by the communities around them. This is accomplished by a structured training program that includes comprehensive exposure to psychiatry and behavioral sciences lectures, two weeks of clinical rotation, group discussions, and tutorials.

The department provides mental health services six days a week with regular outpatient clinics. These clinics are held both in the morning as well as in the evening. The aim is to deliver affordable and comprehensive mental healthcare to the community. Student counseling service is also provided. Designated staff facilitates the students who require counseling at any stage during their stay at the institution.



DEPARTMENT OF RADIOLOGY

Radiology represents a branch of medicine that uses imaging in the diagnosis and treatment of diseases within the body.

Radiology is a field of science that helps with the diagnosis and management of diseases in literally all fields of medicine. From the use of a simple x-ray to highly complex imaging studies, it has helped clinicians of all specialties of the medical profession to reach their diagnoses. The field of therapeutic and interventional radiology has also revolutionized the practice of medicine.

The Radiology department of Shalamar Hospital is one of the busiest units of the facility with an annual turnover of over 100,000 patients with round-the-clock services. The department is well-equipped with state-of-the-art machines.

The department offers diagnostic services in Computed Radiography, Ultrasonography- 4D, Portable X-Ray/ USG, Fluoroscopy, Doppler Imaging, Computerized Tomography (CT scan), Interventional Radiology, MRI & Mammographic Imaging. The curriculum of medical students includes "system based" teaching in the first two years of their training. Basic Radiology interpretation skills are then taught in the 3rd year followed by expert imaging modalities in the corresponding year. The final year starts with specialty modules by rotations in medicine and surgery along with Radiology teaching takes place as well as ward-based teaching.

The faculty not only teaches medical students of Shalamar Medical and Dental College but is also in charge of training and teaching Medical Imaging Technology (MIT) to Allied Health Students of the institute. The department is fully recognized for FCPS.



DEPARTMENT OF UROLOGY

Urology is a branch of medicine that deals with surgical & medical diseases of the male and female urinary tract system and male reproductive organs.

Established in 1990, the department of Urology is dedicated to providing quality care to its patients. The department offers a wide range of procedures including, innovative high-end laser procedures for stones, prostate and tumors, PCNL, flexible ureteroscopy, oncological upper and lower tract surgeries, and microscopic surgery for male infertility. The department is at par with any facility in the country and has recently been upgraded with renovated operation theatres, and outpatient facilities along with the acquisition of a new laser which is the most powerful in its class. The facility is expanding to incorporate cutting-edge laser surgery for Prostate and Retrograde Intrarenal Surgery (RIRS) for kidney stones.

The well-trained faculty emphasize the need for medical students to accompany the senior consultants on the morning rounds helping them to understand the complexities of Urology and enriching the student learning experience during their clinical rotation in the department. The students are also encouraged to follow patients post-operatively. This allows for the students to have a comprehensive understanding of diseases in the area of adult and pediatric urology. The students are given opportunities to pursue research-based activities.

The department plans on expanding its training structure given its technical expertise. The department is fully recognized for FCPS.



THE OFFICE OF STUDENT AFFAIRS

The Office of Student Affairs is entrusted with all administrative matters of student during their academic term at Shalamar Medical & Dental College (SMDC). Department Office of the student affairs aims to produce successful graduates, well-rounded people as well as in academic pursuits.

SMDC students come from all over the world with myriad cultural backgrounds, gender, and abilities. The Office of Student Affairs supports, celebrates, and embraces its students' differences.

The Office of Student Affairs is committed to providing a friendly, educational, and collaborative experience for undergraduate students with faculty, academic advisors, and administrative staff.

The office acts as a link between the student body, faculty, and the administration; coordinating activities ranging from admissions, examinations, and class schedules to extra-curricular activities and a student's physical and mental wellbeing.

The Office of Student Affairs is also responsible for the following tasks:

- Initiation and completion of the admission procedures of all the colleges' i.e. Shalamar Medical & Dental College; Shalamar Institute of Allied Health Sciences; Shalamar Nursing College
- Implementing the values, missions, and policies of SMDC
- Catering to the needs of the student body and creating an environment of collaboration and cooperation
- Ensuring the campus facilitates professional and personal development of the students
- Promote diverse campus learning communities for the student body
- Serve as a resource for faculty in their work with individual students and student groups.
- Advise faculty members on issues related to students and the steps needed to be taken to rectify them
- Allow for personal and social development of students through coordination of extracurricular activities
- Create avenues for the intellectual growth of the students
- Implement policies which create a safe and secure environment for the students within the campus
- Serve as a support system for both faculty and students for the general welfare of the members of the campus which include but are not limited to academic support, counseling, housing and health services, academic recognition activities, and recreational activities.

Student success is our primary motivation. We are here to make sure that each student has opportunities for success.

It is highly recommended that students ensure that they are informed about their curriculum and graduation requirements.

If students have any questions or concerns, they are welcome to call or email the staff in the department. Department staff assist students with an array of services related to program of study. The office is located in the SMDC-College building ground floor.



AFFILIATED HOSPITALS

SHALAMAR HOSPITAL

Shalamar Hospital is a 500 bedded tertiary care hospital that was opened in 1978. It is one of the largest and oldest hospitals in the north of Lahore. The hospital was initiated with six departments and today has grown to become a multi-disciplinary tertiary care facility. Shalamar Hospital now offers services in all clinical specialties which are backed by highly trained clinicians, nurses, and paramedic staff, specialty clinics, state-of-the-art equipment, and modernized operation theatres in an infection-free environment at par with international standards.

The inception of Shalamar Hospital would not have been possible without the generous donations of its founders namely Chaudhary Nazar Mohammad, Ch. Mohammad Husain and Syed Babar Ali. These philanthropists not only contributed monetarily but worked tirelessly with the team to create a facility dedicated to the social uplift of the community.

Around 500,000 patients from Lahore and the province of Punjab are treated every year at the hospital making it one of the busiest hospitals in the city. The ability to cope with such a large number diligently and efficiently is key to Shalamar Hospital's success.

The emphasis placed on patient care with compassion and empathy by every team member of the facility is one of the many reasons why such a large number of patients trust Shalamar Hospital for all their healthcare needs.

The hospital offers diagnostic and therapeutic services in Anaesthesia, Burns & Plastic Surgery, Cardiology & Cardiovascular Surgery, Dermatology, Endocrinology, General Surgery, Gastroenterology, Internal Medicine, Neurology, Nephrology, Obstetrics & Gynaecology, Ophthalmology, Otorhinolaryngology (ENT), Orthopaedics, Paediatrics, Pulmonology, Psychiatry & Behavioral Sciences, Pathology, Radiology, Rheumatology, and Urology.

Shalamar Hospital has state-of-the-art operation theatres with an infection-free environment fitted with cutting-edge equipment suited for patients undergoing surgery, gynecological procedures, and cases of trauma. The hospital offers a comprehensive list of surgical procedures required for diagnostic, elective, and emergency purposes.

Shalamar Hospital is a teaching hospital affiliated with the Shalamar Medical & Dental College and provides training to undergraduate students of medicine, allied health sciences, and nursing. Additionally, Shalamar Hospital is training more than 100 postgraduate residents in the fields of Medicine, Surgery, Gynaecology and Obstetrics, Paediatrics, Orthopaedics, orhinolaryngology (ENT), Anaesthesia, Dermatology, Ophthalmology, Cardiology, and Urology.

The facility has been recognized by the Pakistan Medical and Dental Council for House jobs since 1984 and by the College of Physicians & Surgeons for MCPS and FCPS training.



AFFILIATED HOSPITALS

FAUJI FOUNDATION HOSPITAL

Fauji Foundation Hospital is affiliated with Shalamar Medical & Dental College for the training of medical students. This is a 275-bedded facility spread over 52 Kanals with more than two hundred thousand square feet of constructed space. The facility was built to cater to the healthcare needs of the families of retired armed forces personnel who are entitled to free services at the hospital. The hospital also provides services to civilians from all walks of life.

Fauji Foundation Hospital has an annual patient turnover of more than 250,000 patients who walk through the doors of the facility seeking healthcare. The facility operates via a filter clinic where every patient is examined by an experienced medical officer to be forwarded to appropriate consultants after preliminary examination, diagnoses, and investigations. This allows for increased efficacy in the treatment and results in every patient receiving care and proper management. The hospital also uses a state-of-the-art paperless MEDIX system for consultation, investigation, treatment, and record keeping of the patients.

The Fauji Foundation Hospital is registered with the Pakistan Medical and Dental Council to carry out teaching for the students of the Shalamar Medical & Dental College. The students of SMDC have clinical rotations at the facility from the 3rd year onwards which allows the students to be exposed to a diverse set of patients from two facilities.

The affiliation has not only increased the bed strength but has also increased the number of case studies for clinical practice. This helps the students to have a firmer grasp of the science of medicine and its application in a practical setting.

Fauji Foundation offers the following clinical departments/services:

- Medicine
- Surgery
- Obstetrics and Gynaecology
- Paediatrics
- Neonatal Intensive Care
- Otorhinolaryngology
- Ophthalmology
- Orthopaedics
- Anesthesiology
- Dermatology
- Pathology
- Radiology
- Immunization clinic
- Private Clinics
- Intensive Care Unit



PARTNERSHIPS JOHNS HOPKINS MEDICINE INTERNATIONAL

To promote and facilitate women's health, prevent disease and facilitate treatment Shalamar Institute of Health Sciences is seeking guidance from Johns Hopkins Medicine International (JHMI) to build Pakistan's first Women's Health Center at Shalamar Hospital.

Under this agreement the JHI is providing consultation services for the establishment of Shalamar Health Center for Women. The scope of services knowledge transfer activities such as

- i. Conducting a remote assessment of existing women's health services at Shalamar Hospital
- ii. The development of a comprehensive report containing recommendations steaming from such remote assessment,
- iii. Developing a roadmap to enhance clinical services at Shalamar Hospital

Shalamar Health Center for Women aims to better serve the helath needs of women in convenient and personalized settings. The Center will offer an integrated holistic care plan for women through integrating services and a commitment to improved health and wellness.

This collaboration between Shalamar Institute of Health Sciences will help to build faculty capacity and improve the quality of care to women.

PARTNERSHIPS LUMS AND SHALAMAR MEDICAL AND DENTAL COLLEGE

Shalamar Medical and Dental College (SMDC) and Lahore University of Management Sciences (LUMS) are pleased to announce the signing of a Memorandum of Understanding (MoU) to collaborate on healthcare education and practice. This partnership marks a significant milestone in our shared mission to enhance the capacity of healthcare professionals in Pakistan.

Through this strategic partnership, SMDC and LUMS will:

- Establish joint centers to foster innovative research and education in healthcare
- Facilitate the exchange of valuable training resources and opportunities
- Harness the collective expertise of both institutions to pave the way for transformative advancements in the healthcare sector
- Ensure the delivery of high-quality medical services to our communities



SUCCESS STORIES



DR. IFRAH NAEEM

SMDC introduced me to excellent educators and mentors who believed in me and helped set concrete foundation. In hindsight, the career goals that the first-year-me set for her was achieved due to the strong sense of faith and perseverance that, I truly believe, came from that foundation. I feel honoured to be an alumnus of the institute that not only acknowledges the hard work of its students but also ensures instilling the confidence to achieve their dreams. While progressing through my Internal Medicine Residency training in the US, I feel a sense of gratitude accompanied by a hint of nostalgia towards SMDC, and a strong sense of belonging, as it continues to fuel my newfound aspirations and dreams.

MALIK MUHAMMAD UZAIR KHAN, MD

Shalamar played a focal role in my medical career, from my first day as a medical student to the last day of my demonstrator-ship in the Department of Anatomy, I felt wholly supported by my institute. Since 2020, I have also had the honour of being the President of the Shalamarians' Alumni Association. I have been working closely with many of our graduates currently residing in the US, UK, and Pakistan, to create a social network of our alumni to better facilitate our juniors in their future endeavours. Currently, I am working as a Resident Physician in Internal Medicine in Philadelphia, PA, USA. My future plans include initiating and implementing primary prevention strategies and programs in Pakistan so that we can identify and manage risk factors before they have an impact large enough to cause significant diseases.



Iqra Arshad

I am working as a graduate Resident in Internal medicine at Lincoln Hospital NY, USA. I have no words to describe my gratitude towards my institution. SMDC brings the best out of me and has become my recognition forever. I am truly grateful to all my professors for their guidance; for making me a good clinician and helping me to recognize my true potential.



SHINING STAR OF SMDC



Muhammad Mubashir aspired to become a doctor from an early age; following his dream he was admitted to Shalamar Medical & Dental College based on his academic achievements and qualifications and his aspirations became reality.

He demonstrated a thirst for knowledge and his innate sense of curiosity throughout his five years of college education, led to his academic success at SMDC when he undertook the University of Health Sciences (UHS) Professional examinations competing with students of 32 Medical Colleges of the country.

He secured 2nd position in the Second Professional Part-II MBBS Exam 2018 and third position in fourth Professional MBBS Exam 2020, in UHS examinations.

Dr. Muhammad Mubashir achieved a total of 10 distinctions and 10 subject positions in the Professional examinations of UHS for MBBS during the 5 years of study. In addition, he had the distinction of achieving 04 first-class positions at SMDC.

Dr. Muhammad Mubashir's academic excellence was rewarded with him being conferred the honor of best graduate at the 2022 Annual SMDC Convocation.

Dr. Muhammad Mubashir's accomplishments exhibit his passion, dedication, and commitment to the Medical Profession which allowed him to reach his potential. It also reflects highly on the standard of education and training at Shalamar Medical & Dental College.

CODE OF CONDUCT

Any student, who fails to clear the First Professional MBBS examination in four chances, availed or un-availed after becoming eligible for such examination, shall cease to become eligible for further medical education in Pakistan.

Any student, who fails to clear the second Professional MBBS examination in four chances, availed or un-availed after becoming eligible for such examination, shall cease to become eligible for further medical education in Pakistan.

The passing marks for professional examinations are 50%, each in theory and practice of every subject. No grace marks or any such increase in marks in any other manner will be permissible.

In case a student fails to pass the Professional MBBS Examination in the second annual examination, his/her provisional promotion to the next higher class shall stand automatically canceled and he/she shall revert to the previous class. All lectures and practicals etc. attended during his / her provisional promotion shall also stand canceled.

If a student appears in the second annual examination for the first time as he/she did not appear in the first annual examination and fails in any subject in the second annual examination, he/she will not be promoted to the next class.

The Principal reserves the right to detain any student from appearing in the Professional MBBS University Examination at any stage, if in his opinion, the student is found to be short of attendance in theory or practice of any subject or his work is reported to be unsatisfactory by any Professor or if in the opinion of the Principal, the character and conduct of the student are unsatisfactory.

Academic honesty is expected of all students. Students are responsible for knowing how to maintain academic honesty and for abstaining from cheating, the appearance of cheating, and permitting or assisting in another's cheating. The college will not tolerate academic dishonesty. This zero-tolerance policy on academic dishonesty protects the integrity of the education that students receive at the college.

Before appearing in the University Examination, the students will be required to produce No Dues Certificate from the College Cafeteria, College Accounts Office, College Book Shop, Library, Hostel Warden, Sports Society, Transport Contractor, and respective Basic and Clinical departments and any other department as notified. Students unable to produce the same will be liable to be detained by the Principal from appearing in the University Professional examination.

ATTENDANCE POLICY

All students are expected to attend the lectures, practicals, tutorials, demonstrations, and hospital clinical wards with regularity and punctuality.

A minimum of 90% attendance out of lectures delivered and practicals / clinical sessions conducted during the academic year, in each of the examination subjects individually, is Mandatory for students to become eligible to appear in the professional examinations. The academic year for subjects taught over 2-3 years shall mean the entire period of instruction spread over a number of years and shall not be construed as limited to final year subjects with a minimum of 90% attendance in the final year only, but 90% attendance shall be counted as spread over the entire period

of instructions.

The margin of 10% of absence in lectures, practicals, tutorials, demonstrations, and clinical wards is discouraged but is intended to cover those unavoidable absences, which result on account of sickness or special emergencies.

In case of an intended absence, leave should be applied by the student recommended by the head of year committee and approved by the Principal for consideration of any remediation of academic activities during the period of leave. In all cases, leave taken will be at the student's own risk so far as the percentage of attendance is concerned and even a medical certificate will not condone any deficiency in attendance. Repeated absence from lectures, practicals, tutorials, demonstrations, and hospital clinical wards, without any justified/ cogent reasons, will make a student liable for disciplinary action as well as the risk of falling short of a minimum of 90% attendance, in each of the examination subjects. The students must periodically check their attendance records from the concerned department or Notice Boards.

The students who do not meet the required 90% of attendance (as mentioned above) due to late admission or even otherwise will have to make up for their deficiencies by attending special classes during summer vacation or preparatory holidays. The schedule of such special class will be notified on Notice Boards and it shall be the responsibility of the students who are short of 90% attendance to enroll in such classes and complete the shortfall and SMDC shall not be responsible for any lapse on the part of any such student.

In the case of clinical rotations, students who fail to meet the minimum of 90% attendance will have to do remedial rotations. In case of attendance between 65-89.9%, half of the rotation will have to be repeated. In case the attendance is below 65%, the entire rotation will have to be repeated. Students will only be eligible to appear in the end of rotation examination if they fulfill the required 90% attendance. Students who have not cleared all the end of rotation examinations for that particular year for each rotation individually will not be sent up for the ensuing university professional examination of that year. The students who fail to meet the required attendance will have to fulfill the shortage during the academic breaks.

In subjects taught over a period of more than one year e.g. Community Medicine, Behavioral Sciences, Medicine, Surgery, ENT, Eye, Obstetrics & Gynaecology, Paediatrics etc., students are required to have & maintain overall 90% attendance during the whole period of instructions and 90% attendance in any one of such years shall not be considered as meeting the requirement of SMDC regulations and any student having less than 90% attendance and/or the required achievement in internal assessment, over the entire period of instructions, spread over more than one year, in lectures, practical/clinical, separately in each examination subject of a professional examination will not be eligible to be admitted to that examination. It is made clear that 90% or more attendance in just one and/or last year of the subject, which is taught over more than one year, shall not entitle a student to claim eligibility on this basis.

Please note: It is the responsibility of the student to keep themselves updated regarding their attendance and assessment record during study in a particular subject with the concerned department.

DETAINED STUDENTS ATTENDANCE / ASSESSMENT POLICY

A detainee student will repeat the year with the preceding class for all failed & non-examination subjects. He / She will have to complete 90% attendance and 60% assessment in the new session. The attendance and assessment for such students shall be considered from the date of the day after the declaration of the Supplementary examination's result.

Students who could not meet the requirements to appear in the annual & supplementary examination will repeat the session with 90% attendance & 60% assessment. The attendance/assessment for such students shall be counted from the day after the determination of Non-eligibility for the supplementary examination.

A student who could not pass the course in the annual examination and subsequently appeared in the supplementary examination shall be given credit for next year's attendance equivalent to the actual number of days of supplementary examination in which He / She appears.

A student, not eligible to appear in the annual examination due to insufficient attendance and / or assessment, and subsequently cleared the examination in the supplementary attempt, their next year's attendance/assessment shall be considered day after the conclusion of the supplementary examination.

Attendance /Assessment of late admitted 1st-year students shall be considered from the date of their admission.

In the case of clinical rotations, the students have to complete the minimum requirement of 90% attendance for all offered rotations during the academic year. No credit on any account shall be granted to the students. The students who were debarred from appearing in a Professional examination due to insufficient attendance/assessment in lectures and/or clinical rotations will have to complete/make up for their deficiencies for their clinical rotations during the academic breaks.

Please note: It is the responsibility of the student to keep themselves updated regarding their attendance and assessment record during study in a particular subject with the concerned department.

ASSESSMENT POLICY

Institutions have a responsibility of controlling the quality of students that graduate and become part of a profession. This becomes even more important in the medical profession as the graduates will be dealing with something as precious as human lives.

In order to ensure that each of the medical students passing out of SMDC has the necessary knowledge, skills and attitudes as a doctor and is a high quality professional, it is imperative that quality control mechanisms are in place and remain effective.

Internal assessment of students that ensure the acquisition of necessary proficiency in the cognitive, psychomotor and affective domains is one such quality control mechanism. This also is the first line of defense; with the university examinations being the second line for ensuring that the right people enter the profession.

A minimum of 60% pass marks in the internal assessment (i.e. 60% marks in theory and 60% in practicals) are Mandatory for being sent up for the university examinations. This is to be calculated on a cumulative basis by determining the average score over all the examinations conducted in that subject in the session or over the entire period of instructions in the case of subjects taught over a period of more than one year.

Please note, for subjects taught over more than one year, but examined by UHS only at the end of the last year of the entire period of instruction, the internal assessment forming the basis of being sent up for university examinations will be the cumulative internal assessment calculated for all assessments conducted in the particular subject which is taught over the 2-3 years period of instruction of that subject.

To ensure that the objectives of clinical rotations are being met and the student is prepared to take on the higher order learning objectives of the subsequent clinical rotation in the same or related subject, it shall be Mandatory to clear the end of rotation examination in the particular year failing which being sent up for the university examination for that year will be withheld.

In case a student fails to maintain the required internal assessment, an opportunity for remediation may be given during the summer break or other such periods as feasible.

In the case of clinical rotations, this shall be done during the academic breaks occurring after a clinical rotation. However, in case of a concomitant shortage of attendance, the internal assessment will follow the mandated remedial rotation.

Students, who do not clear/pass the end of rotation examination in the first attempt, will have to appear at the end of rotation assessment with the subsequent batch or during the academic break as feasible.

Award of Grace Marks or any such increase in marks by any other manner shall not be permissible under any circumstances in any subject or examination. "A student must have 90% attendance in PBL separately to be considered as eligible for taking professional examination".

Please note: It is the responsibility of the student to keep themselves updated regarding their attendance and assessment record during study in a particular subject with the concerned department.

ADMISSION INFORMATION

ELIGIBLY AS PER PMDC ADMISSION REGULATIONS 2023-24

- Have passed the MDCAT examination 2023 with at least 55% marks.
- Local / open merit applicants must obtained a Higher Secondary School certificate (FSc. Pre-Medical) qualification ("HSSC") or an equivalent 12th grade qualification in Pakistan (as determined by IBCC) and having obtained a minimum of sixty percent (60%) marks.
- Passed the mandatory subjects of biology and chemistry. The student may opt to qualify either physics or mathematics in the examination of the Higher Secondary School Certificate or an equivalent 12th grade qualification recognized in Pakistan:
- For foreign applicants desirous to take admission on foreign / overseas quota seat require to pass their FSc/HSSC/equivalent from outside Pakistan with mandatory subjects of biology and chemistry and physics / Mathematics.

Provided that the mandatory requirement of MDCAT shall not apply to students seeking admission on a special program seat predefined exclusively for foreign students and on the seats reserved for overseas Pakistanis. Such students shall qualify SAT-II with minimum score of 550 in each of the three subjects i.e. Biology, Chemistry and Physics / Mathematics or a foreign MCAT examination or UCAT examination with 50% marks as prescribed in PMDC Admission 2023 Regulation 3 (c).

WEIGHTAGE FOR MERIT DETERMINATION

- | | |
|-------------------------|----------|
| 1. Matric or equivalent | 10% |
| 2. F. Sc. or equivalent | 40% |
| 3. MDCAT (2023) | 50% |
| 4. MMI | 20 Marks |

FEE AND OTHER DUES

PLEASE NOTE

- UHS / PMDC fee and any government taxes as applicable will be required to be paid by the student.
- College Management reserves the right to revise/change the fee in later years of studies.
- SMDC dues refund policy will be as per the policy of PMDC / UHS.
- The hostel/boarding fee has to be paid on quarterly basis (3 months) in advance.
- A fine of Rs. 500/- per day shall be charged on all kinds of fee payments after the due date

HOW TO APPLY?

Our online application system (OAS) is an essential part of how we run our admissions for the MBBS Undergraduate Program and how we will communicate with you during the admissions process. A link to the online admission system will be available on our website once the admission process starts.

ANNUAL FEE STRUCTURE ACADEMIC YEAR 2023-24 LOCAL STUDENTS

Sr. No	Fee Head	1st Year (2023-24)	2nd Year (2023-24)	3rd Year (2023-24)	4th Year (2023-24)	5th Year (2023-24)	Total
1	Admission Fee	38,500	-	-	-	-	-
2	Tuition Fee	1,925,000	2,213,750	2,545,813	2,927,685	3,366,838	12,979,085
3	College Fee Total	1,963,500	2,213,750	2,545,813	2,927,685	3,366,838	13,017,585
4	UHS @5.5 % (or as applicable)	107,993	121,756	140,020	161,023	185,176	715,967
5	PMDC Registration (or as applicable)	10,000	-	-	-	-	10,000
6	UHS Registration (or as applicable)	16,000	-	-	-	-	16,000
7	Documents Verification Charges	6,000	-	-	-	-	6,000
8	Admission Registration Fee	2,000	-	-	-	-	2,000
9	UHS Examination Fee (or as applicable).	8,750	8,750	8,750	8,750	8,750	43,750
10	Medical Treatment Student	6,000	6,600	7,260	7,986	8,785	36,631
	Total:	2,120,243	2,350,856	2,701,842	3,105,444	3,569,548	13,847,933

OPTIONAL FEE & CHARGES PKR.

Sr. No	Fee Head	1st Year (2023-24)	2nd Year (2023-24)	3rd Year (2023-24)	4th Year (2023-24)	5th Year (2023-24)
1	Hostel Rent Charges (Annual)	258,860.40	297,693	342,338	393,687	452,737
2	Hostel Rent Charges (Monthly)	21,572	24,808	28,528	32,807	37,728
3	Transport Charges:	As per actual.				
4	Food Charges (Hostel Residents):	As per actual.				

Note:

- An amount of Rs. 50,000/- will require to be deposited as refundable Hostel Security in case of availing the Hostel facility.
- Fee structure will be reviewed if the official / documented inflation goes above 15 %.
- Section 9 (3) of Medical and Dental Undergraduate Education (Admissions, Curriculum and Conduct) Policy and Regulations, 2023 provides as under:

"9(3) A student shall have the right to pay the tuition fee on a quarterly, six monthly or annual basis to the college. A Student paying the college on a six monthly basis in advance shall be granted a two percent discount in the tuition fee and a student paying the college on an annual basis in advance shall be granted a four percent discount in the tuition fee"

ANNUAL FEE STRUCTURE ACADEMIC YEAR 2023-24 FOREIGN STUDENTS

Sr. No	Fee Head	1st Year (2023-24)	2nd Year (2023-24)	3rd Year (2023-24)	4th Year (2023-24)	5th Year (2023-24)	Total
1	Admission Fee (2% of Tuition Fee) in US \$	360	-	-	-	-	-
2	Tuition Fee in US \$	18,000	20,700	23,805	27,376	31,481	121,362
3	College Fee in US \$ (Admission Fee + Tuition Fee)	18,360	20,700	23,805	27,376	31,481	121,722
4	UHS @5.5 % (or as applicable) in US \$	1,010	1,139	1,309	1,506	1,731	6,695
	Total College Fee in US \$.	19,370	21,839	25,114	28,881	33,213	128,417

OTHER CHARGES IN PKR.

Sr. No	Fee Head	1st Year (2023-24)	2nd Year (2023-24)	3rd Year (2023-24)	4th Year (2023-24)	5th Year (2023-24)	Total
5	PMDC Registration (or as applicable) in PKR.	10,000	-	-	-	-	10,000
6	UHS Registration (or as applicable) in PKR.	16,000	-	-	-	-	16,000
7	Documents Verification Charges in PKR.	6,000	-	-	-	-	6,000
8	Admission Registration Fee in PKR.	2,000	-	-	-	-	2,000
9	Medical Treatment Student in PKR.	6,000	6,600	7,260	7,986	8,785	36,631
10	UHS Examination Fee (or as applicable).	8,750	8,750	8,750	8,750	8,750	43,750
	Total Other Charges In PKR.	48,750	15,350	16,010	16,736	17,535	114,381

OPTIONAL FEE & CHARGES PKR.

Sr. No	Fee Head	1st Year (2023-24)	2nd Year (2023-24)	3rd Year (2023-24)	4th Year (2023-24)	5th Year (2023-24)
1	Hostel Rent Charges (Annual)	258,860	297,693	342,338	393,687	452,737
2	Hostel Rent Charges (Monthly)	21,572	24,808	28,528	32,807	37,728
3	Transport Charges:	As per actual.				
4	Food Charges (Hostel Residents):	As per actual.				

Note:

- An amount of Rs. 50,000/- will require to be deposited as refundable Hostel Security in case of availing the Hostel facility.
- Fee structure will be reviewed if the official / documented inflation goes above 15 %.
- Section 9 (3) of Medical and Dental Undergraduate Education (Admissions, Curriculum and Conduct) Policy and Regulations, 2023 provides as under:
"9(3) A student shall have the right to pay the tuition fee on a quarterly, six monthly or annual basis to the college. A Student paying the college on a six monthly basis in advance shall be granted a two percent discount in the tuition fee and a student paying the college on an annual basis in advance shall be granted a four percent discount in the tuition fee"

ANNUAL FEE STRUCTURE ACADEMIC YEAR 2023-24 LOCAL STUDENTS 6 YEAR MBBS MEDICAL ENRICHMENT PROGRAM

Sr. No	Fee Head	1st Year (2023-24) MBBS 1st Year	2nd Year (2023-24)	3rd Year (2023-24) MBBS 2nd Year	4th Year (2023-24) MBBS 3rd Year	5th Year (2023-24) MBBS 4th Year	6th Year (2023-24) MBBS 5th Year	Total
1	Admission Fee	38,500	-	-	-	-	-	-
2	Tuition Fee	1,925,000	2,213,750	2,545,813	2,927,685	3,366,838	-	12,979,085
3	College Fee Total	1,963,500	2,213,750	2,545,813	2,927,685	3,366,838	-	13,017,585
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6	UHS Registration (or as applicable)	16,000	-	-	-	-	-	16,000
7	Documents Verification Charges	6,000	-	-	-	-	-	6,000
8	Admission Registration Fee	2,000	-	-	-	-	-	2,000
9	UHS Examination Fee (or as applicable).	8,750	8,750	8,750	8,750	8,750	-	43,750
10	Medical Treatment Student	6,000	6,600	7,260	7,986	8,785	-	36,631
	Total:	2,120,243	2,350,856	2,701,842	3,105,444	3,569,548	-	13,847,933

OPTIONAL FEE & CHARGES PKR.

Sr. No	Fee Head	1st Year (2023-24)	2nd Year (2023-24)	3rd Year (2023-24)	4th Year (2023-24)	5th Year (2023-24)	6th Year (2023-24)
1	Hostel Rent Charges (Annual)	258,860	297,693	342,338	393,687	452,737	520,647
2	Hostel Rent Charges (Monthly)	21,572	24,808	28,528	32,807	37,728	43,387
3	Transport Charges:	As per actual.					
4	Food Charges (Hostel Residents):	As per actual.					

Note:

- An amount of Rs. 50,000/- will require to be deposited as refundable Hostel Security in case of availing the Hostel facility.
- Fee structure will be reviewed if the official / documented inflation goes above 15 %.
- Section 9 (3) of Medical and Dental Undergraduate Education (Admissions, Curriculum and Conduct) Policy and Regulations, 2023 provides as under:
"9(3) A student shall have the right to pay the tuition fee on a quarterly, six monthly or annual basis to the college. A Student paying the college on a six monthly basis in advance shall be granted a two percent discount in the tuition fee and a student paying the college on an annual basis in advance shall be granted a four percent discount in the tuition fee"

ANNUAL FEE STRUCTURE ACADEMIC YEAR 2023-24 FOREIGN STUDENTS 6 YEAR MBBS MEDICAL ENRICHMENT PROGRAM

Sr. No	Fee Head	1st Year (2023-24) MBBS 1st Year	2nd Year (2023-24)	3rd Year (2023-24) MBBS 2nd Year	4th Year (2023-24) MBBS 3rd Year	5th Year (2023-24) MBBS 4th Year	6th Year (2023-24) MBBS 5th Year	Total
1	Admission Fee (2% of Tuition Fee) in US \$	360	-	-	-	-	-	-
2	Tuition Fee in US \$	18,000	20,700	23,805	27,376	31,481	-	121,362
3	College Fee in US \$ (Admission Fee + Tuition Fee)	18,360	20,700	23,805	27,376	31,481	-	121,722
4	UHS @5.5 % (or as applicable) in US \$	1,010	1,139	1,309	1,506	1,731	-	6,695
	Total College Fee in US \$.	19,370	21,839	25,114	28,881	33,213	-	128,417

OTHER CHARGES IN PKR.

Sr. No	Fee Head	1st Year (2023-24) MBBS 1st Year	2nd Year (2023-24)	3rd Year (2023-24) MBBS 2nd Year	4th Year (2023-24) MBBS 3rd Year	5th Year (2023-24) MBBS 4th Year	6th Year (2023-24) MBBS 5th Year	Total
5	PMDC Registration (or as applicable) in PKR.	10,000	-	-	-	-	-	10,000
6	UHS Registration (or as applicable) in PKR.	16,000	-	-	-	-	-	16,000
7	Documents Verification Charges in PKR.	6,000	-	-	-	-	-	6,000
8	Admission Registration Fee in PKR.	2,000	-	-	-	-	-	2,000
9	Medical Treatment Student in PKR.	6,000	6,600	7,260	7,986	8,785	-	36,631
10	UHS Examination Fee (or as applicable).	8,750	8,750	8,750	8,750	8,750	-	43,750
	Total Other Charges in PKR.	48,750	15,350	16,010	16,736	17,535	-	114,381

OPTIONAL FEE & CHARGES PKR.

Sr. No	Fee Head	1st Year (2023-24)	2nd Year (2023-24)	3rd Year (2023-24)	4th Year (2023-24)	5th Year (2023-24)	6th Year (2023-24)
1	Hostel Rent Charges (Annual)	258,860	297,693	342,338	393,687	452,737	520,647
2	Hostel Rent Charges (Monthly)	21,572	24,808	28,528	32,807	37,728	43,387
3	Transport Charges:	As per actual.					
4	Food Charges (Hostel Residents):	As per actual.					

Note:

• An amount of Rs. 50,000/- will require to be deposited as refundable Hostel Security in case of availing the Hostel facility.

• Fee structure will be reviewed if the official / documented inflation goes above 15 %.

• Section 9 (3) of Medical and Dental Undergraduate Education (Admissions, Curriculum and Conduct) Policy and Regulations, 2023 provides as under:

"9(3) A student shall have the right to pay the tuition fee on a quarterly, six monthly or annual basis to the college. A Student paying the college on a six monthly basis in advance shall be granted a two percent discount in the tuition fee and a student paying the college on an annual basis in advance shall be granted a four percent discount in the tuition fee"

SCHOLARSHIP & AWARDS

The College disburses merit Scholarships to students showing outstanding performance in the examinations held by the University of Health Sciences Lahore. The scholarship is only for positions obtained at the University level amongst all the institutions affiliated with the University of Health Sciences Lahore.

The following Scholarships are awarded to the students obtaining first, second and third positions in the University Examinations among all the participating students:

- Ch. Nazar Mohammad Award; equal to 100% (Full) Tuition Fee for SMDC students standing First in the University Examination.

- Ch. Mohammad Husain Award; equal to 75% Tuition Fee for SMDC students standing Second in the University Examination.

- Prof. Muhammad Akhtar Khan Award; equal to 50% Tuition Fee for SMDC students standing Third in the University Examination.

This scholarship is awarded for one year and is reviewed after the subsequent professional examination.

7TH INTERNATIONAL CONFERENCE "SHARING SOLUTIONS"

Shalamar Medical College proudly hosts seven international conferences, embarking on this remarkable journey with the inaugural "Innovations in Healthcare" in 2017, which drew 1,138 enthusiastic participants and featured 17 pre-conference workshops. In 2018, we continued our voyage with the second International Conference, "Beyond Horizons," attended by 2,167 participants and showcasing 42 pre-conference workshops. The momentum surged in 2019 with the third International Conference, "Navigating the Future," boasting 2,441 registered participants and a rich offering of 49 pre-conference workshops. In 2020, we faced the "Challenge of Change" during the fourth International Conference, with 2,700 attendees and an impressive array of 49 hands-on workshops.

The year 2021 presented a unique twist as our fifth International Conference, "Together towards Tomorrow," embraced a virtual format, spanning three insightful days and attracting over 4,500 participants. Meanwhile, in early 2022, our sixth International Conference, "Breaking Barriers," continued the virtual trend, gathering more than 5,000 attendees.

The 7th multi-day conference featured 24 parallel scientific sessions and 34 pre-conference workshops; these academic sessions provided a unique chance for attendees to tap into the expertise of a diverse lineup of national and international speakers. The pinnacle of the academic program was the concluding session, featuring six plenary sessions. Esteemed keynote speakers such as Dr. Mohammad Al Eraky, Dr. Ahsan Sthi, Prof. Piet De Boer, Dr. Naveed Yousaf, Prof. Farhat Moazam, Prof. Salman Yousuf Guraya, Dr. Faisal Wasim Ismail, Dr. Stuart Blincko, Prof. Flavio Rocha, Dr. Hiromichi Ito, Dr. Maurizio Cutolo, and Ms. Lisa Hadfield-Law shared their invaluable views and experiences with the immense audience. Topics ranged from healthcare system transformation, the significance of faculty development programs, professionalism, ethics, maternal health, student engagement in academics and research, to the role of Artificial Intelligence.

Shalamar Medical and Dental College, under the visionary guidance of Prof. Zahid Bashir, is at the forefront of ushering in transformative change. We take pride in being one of the few institutes in Pakistan actively fostering undergraduate and postgraduate research competitions as part of our International conferences. The conference concluded with the closing remarks of the Conference Chairperson, Dr. Sarah Khaild, and the Principal SMDC, Prof. Zahid Bashir.



1ST INTEGRATED CONVOCATION

The Integrated Convocation of constituent units of Shalamar Institute of Health Sciences was held on Saturday, 3rd December 2022 in which passing out graduates of Shalamar Medical and Dental College, Shalamar Nursing College and Shalamar School of Allied Health Sciences were conferred with degrees by the Vice-Chancellor University of Health Sciences; Prof. Dr. Ahsan Waheed Rathore.

Keynote Speaker Dr. Arshad Ahmed (Vice Chancellor LUMS) lauded the efforts of healthcare workers in the Covid-19 pandemic. He also appreciated the efforts to integrate medicine, nursing and allied health education at the Shalamar Institute of Health Sciences.

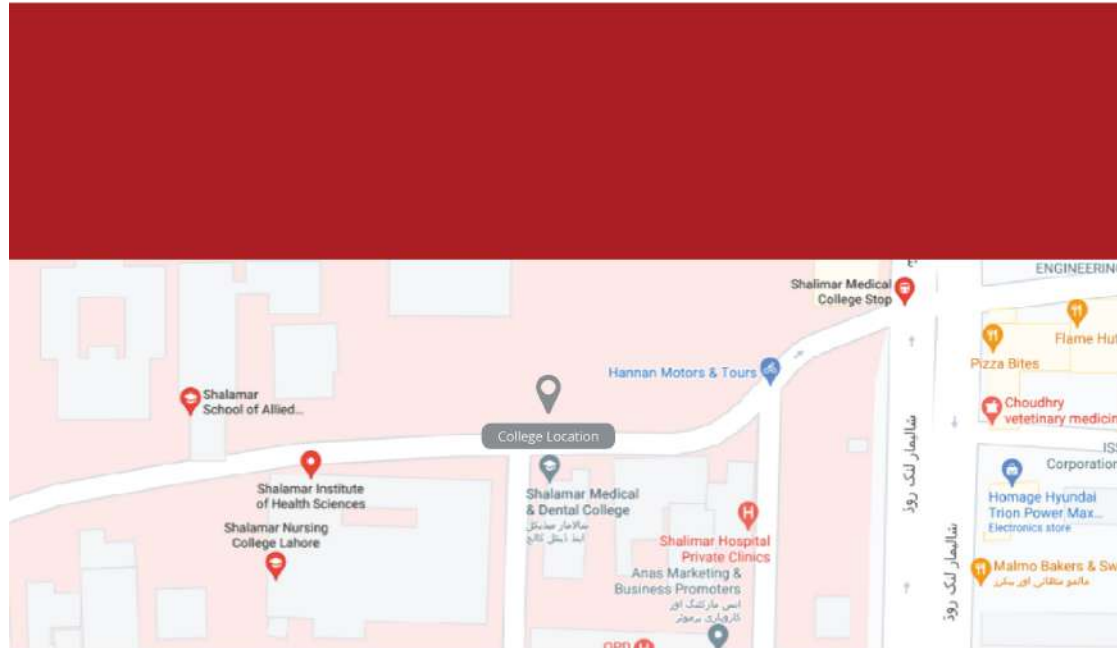
The Chairman Board of Trustees Mr. Shahid Hussain shared that Shalamar Institute of Health Sciences has maintained its enviable position in all three facets; medical education; provision of medical care to patients and research. It has produced competent Doctors, Allied Health Professionals and Nursing staff to serve the country.

The Principal Shalamar Medical & Dental College, Prof. M. Zahid Bashir shared the partnerships developed with internationally and nationally acclaimed institutes to bring world-class education and research to the country.

The Keynote Speaker, Dr. Arshad Ahmad (Vice Chancellor-LUMS) awarded Gold; Silver & Bronze Medals for their academic achievements to:

- Dr. Muhammad Mubashir, Dr. Sameen Tariq of Shalamar Medical and Dental College;
 - Mr. Mubeen Saeed, Ms. Saira Ali, Ms. Fatima Sanaullah, Ms. Ayesha Wajid, Ms. Arfa Sayab, Ms. Sumayya Shahid of Shalamar Nursing College;
 - Ms. Ramsha Akbar, Hafiza Ayesha Babar, Ms. Zufa Shafiq, Noor Fatima, Syeda Khadija Ejaz, Ms. Aqsa Yasin, Ms. Shumaila Jabeen, Ms. Neha Shakeel, Mr. Hussain Javed, Ms. Arfa Batool, Ms. Wajeeha Akram, Ms. Ayesha Anayat, Mr. Aqil Hareem Butt of Shalamar School of Allied Health Sciences;
- Chief Operating Officer Shalamar Hospital Dr. Ayesha Nauman; Principal Shalamar Nursing College Mrs. Nasim Rafiq, Principal Shalamar School of Allied Health Sciences Dr. Riffat Javed; Faculty, doctors, and parents of the students also attended the convocation.





Get in Touch !

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