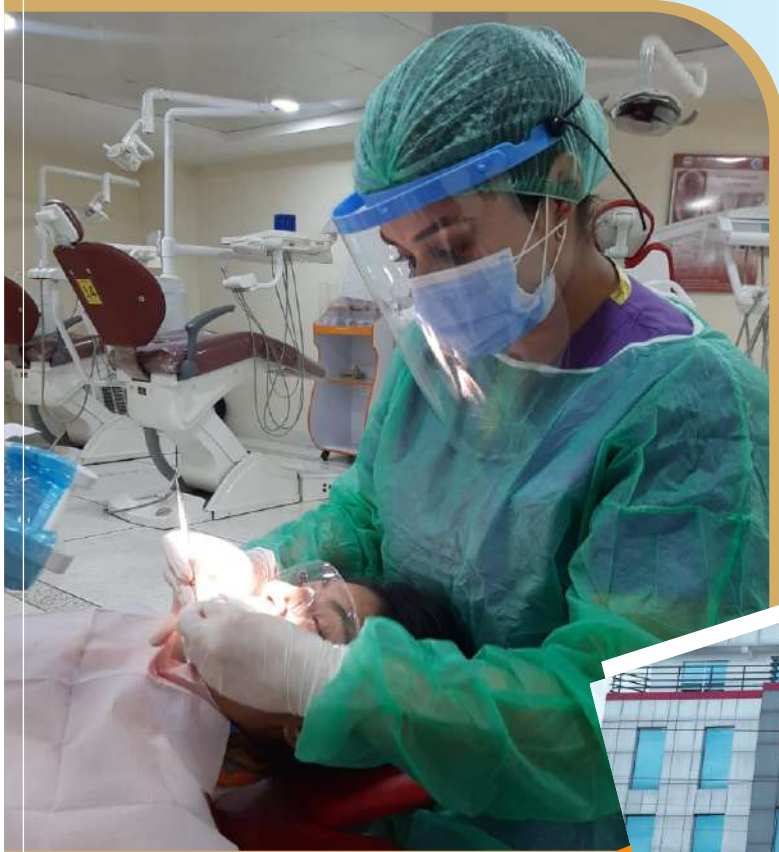




Shifa Tameer-e-Millat University

شفا تعمیرِ ملت یونیورسٹی



Prospectus
2024



**Shifa College of Dentistry
Islamabad**
A Constituent College of STMU

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

رَبِّ هَبْ لِي حُكْمًا وَأَلْحِقْنِي بِالصَّالِحِينَ وَاجْعَلْ لِي لِسَانَ صِدْقٍ فِي الْآخِرِينَ

*Oh my Lord! Bestow wisdom on me, and join me with the righteous.
Grant me honorable mention on the tongue of truth among the latest (generations)*

26 (Ash-Shu'ara):83 - 84



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WELCOME MESSAGES



MESSAGE FROM THE CHANCELLOR



Dr. Manzoor H. Qazi

MBBS, Diplomat American Board
(Internal Medicine & Cardiology)
Chief Executive Officer (SIH)

I feel pride and pleasure in welcoming you as the 5th batch of Shifa College of Dentistry. Alhamdulillah! Our first batch is graduating this year. Looking back - there were tough challenges, but today we have become the most prestigious dental institution in the country. Looking ahead – we do see a brighter future and see shifa college of dentistry as top ranking institution nationally and globally - by all standards, Academic, Research, Extra-curricular, Nation building, Role model, Trend setting – Yes! in all of them.

We are proud to claim that we have the best faculty, professionally as well as the role model for character building and grooming. They are role model in integrity, dedication, professionalism, compassion and empathy. Our education system, style of teaching, integrated curriculum are our pride and strength.

Special attention is given, in addition to academic excellence. Sports and other extracurricular activities are also integral part of our vision. Institution is preparing the future leaders, well rounded professionals, who will serve the Nation with optimism and pride. They will make Pakistan proud of them.

Shifa College of Dentistry is enriched by being part of Shifa family including, Shifa Tameer-e- Millat University, Shifa International Hospital, a JCI Accredited Hospital, Shifa College of Medicine, Shifa College of Nursing, Shifa College of Pharmacy, Rehabilitation and Medical Technology. Shifa Foundation, Tameer-e-Millat Foundation add value and another dimension to the enterprise.

Over the years the alumni from other colleges of the Shifa Tameer-e-Millat University are working nationally and globally in best institutions and we are seeing never ending success stories. They are making Pakistan proud of them. With our experience in these colleges, we are confident the new coming students of dentistry will enjoy even wider and deeper experience of learning and training and academic research and extracurricular activities.

I welcome you again to the Shifa College of Dentistry, one of the prime institution of Pakistan, and assure you that every effort will be made to help yours and your parents dreams come true.

Thank you and welcome aboard!



MESSAGE FROM THE VICE CHANCELLOR

I am privileged to lead Shifa Tameer-e-Millat University (STMU), Islamabad, as Vice-Chancellor. STMU was established with a vision to be a world-class institution for academic excellence geared towards the development of a prosperous society. STMU is striving hard to expand the frontiers of knowledge through outstanding teaching, scholarship, research, and the lifelong engagement of its students and alumni to contribute to society at large.

This University has come a long way in adding new dimensions to higher education in the country. The University is successfully running undergraduate, graduate, and doctoral programs in the fields of Medical Sciences, Dentistry, Nursing and Midwifery, Pharmacy, Rehabilitation Sciences, Medical Technology, Management Sciences, Clinical Psychology, Clinical Nutrition, Computer Sciences, Health Professions Education, Social Sciences, School of Universal Health Coverage (SUHC) and Education Development, vertically and horizontally. The university has developed meaningful research and academic ties with centers of excellence around the world. STMU is the only university running an international course for medical teachers, an international diploma in Mental Health, an international diploma in Bioethics, and an international course for university teachers. At STMU, we are committed to excellence and provide the best education and a congenial environment for the holistic growth & development of future leaders contributing nationally and globally. To achieve this, the curricula followed by various faculties are distinctively designed and continuously rationalized to reach all learners, using a combination of strategies to enhance learning and inspiration. Our skilled educators and researchers are committed to training the finest quality Professionals who would be acknowledged globally for their astounding professionalism, compassion, work ethics, teamwork, and leadership.

Shifa College of Dentistry (SCD) is one of the flagship constituent units of the University, which is not merely an addition to already existing dental institutions in the country, rather it was established and being run with the aim of solving the issues of dental and oral health which were still unsolved. With a frame of excellence in academia, research, and services, SCD has gained well-deserving respect in the country and abroad in a very short time. SCD is the premier dental institution in the country to initiate a comprehensive research-based doctoral program in dental sciences. I strongly believe that this institution will stand alone among others with respect to the quality of training, academic scholarship, and contextual environments which nurture a distinct character in our youth encompassing our national and faith responsibilities. The finest quality integrated, contextual curriculum and learning strategies developed and practiced by SCD are unrivaled and specifically designed to meet the future needs of learners, patients, and the community at large.

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

and leadership. I earnestly wish and hope for your incredible time at STMU and enduring bonds with your alma mater.



Prof. Dr. M. Iqbal Khan
MD, FRCS, MHPE, FCPS
Professor of Surgery



MESSAGE FROM THE DEAN, FHS



Prof. Dr. Mohammad Amir

MBBS, FCPS, FRCS (EDINBURGH)
Dean Faculty of Health Sciences
Principal Shifa College of Medicine
Professor of Surgery

It gives me immense pleasure to write this message for the new batch of students aspiring to join Shifa College of Dentistry, a constituent college of Shifa Tameer-e-Millat University. In a short span of 4 years, the college has already established a trend-setting mark in the field of dental education, both at undergraduate as well as postgraduate levels. We have already developed an integrated system-based curriculum for dental sciences education inspired from a similar system we established at Shifa College of Medicine 17 years ago. This curriculum was developed by the most experienced faculty in basic as well as clinical sciences and has been an excellent model to follow at national as well as international level.

There is a purpose built campus situated very near to the medical college campus facilitating integration between the two closely associated institutions. We have established state-of-the-art dental hospital for all the essential specialties in dental health care. The patient care and dental services offered here are at par with international standards. Apart from their clinical learning at this purpose –built dental hospital, the students will be rotating to Shifa International Hospital, a state-of-the art Joint Commission International (JCI) accredited 550-bed teaching hospital of the university. We expect similar enthusiasm and professionalism in this new discipline as is the hallmark of our other departments and colleges. We have inducted a very professional and experienced faculty who would be a role model for students in education as well as patient care.

I salute the untiring efforts of Dr. Anwar Ali Shah, the Principal of Shifa College of Dentistry in materializing the concept, development and establishment of the infrastructure and overseeing all other necessary steps in realizing this dream. I am quite confident that the Principal and his faculty and staff, with the help of university hierarchy, would continue to work in the same direction for the progress of an excellent institution of dental education.

Best regards and wishes for a great future of learning and excellence in your chosen career.



MESSAGE FROM THE PRINCIPAL, SCD

Welcome to Shifa College of Dentistry (SCD), a constituent college of Shifa Tameer-e-Millat University (STMU), Islamabad. I am very pleased to write this message for the fourth batch of BDS students.

Shifa College of Dentistry aims to be the leader in the dental education and alleviation of oral disease. Students of Shifa College of Dentistry are fortunate to study in this college, which is associated with Shifa International Hospitals Ltd and Shifa College of Medicine. Both these institutes have a national and international reputation for excellent patient care, medical education and training. Shifa International Hospital is one of the few hospitals in Pakistan, which are accredited by the Joint Commission International (JCI).



Prof. Dr. Anwar Ali Shah
BDS, PhD, FDSRCSEd,
MOrthRCSEng, FFDRCSI,
FDSRCSEd, FOrthRCSEng
Professor of Orthodontics

We have an integrated competency based dental curriculum at Shifa College of Dentistry. The foundation of this curriculum is based on the integrated curriculum of Shifa College of Medicine (SCM) and this will be a unique opportunity for the dental students to get exposed to the clinical environment in their first year training. Basic sciences and clinical skills teaching are integrated throughout the course and students learn clinical skills from the very beginning. We place great emphasis on professionalism and patient care, right from the first year, and we endeavor that the students of our college will not only be competent clinicians but also true professionals.

We also strongly believe in research, patient centered care and evidence based practice and, therefore, Shifa College of Dentistry has endeavored to combine these elements in the dental training. We have set a modern research lab in our school for our students.

The dental school setting and working environment is different from the environment of private practice in the rural areas. Keeping this in mind, we have opened an additional small dental set up in our Park Road Campus, outside the dental school. Students will rotate to this center to gain experience in the real life clinical set up where most of them would practice after graduation. This outreach training will be in addition to the clinical training at the dental school.

Shifa College of Dentistry is situated on the west service road, opposite to Sohan Interchange, with excellent access from the main Expressway. The college is at a distance of 5km, on the main Islamabad Expressway, from zero point, Islamabad.

I am pleased to write that in less than 3 years of its existence SCD has been approved for PhD Dentistry Program by HEC. As Principal, it is a privilege to lead a school with highly qualified, motivated and dedicated faculty, staff and such bright, hardworking and enthusiastic students. I extend a warm welcome to all the students and wish you success in your future pursuits.



SHIFA TAMEER-E-MILLAT UNIVERSITY



ABOUT SHIFA TAMEER-E-MILLAT UNIVERSITY

The vision of Shifa Tameer-e-Millat University is to provide a platform for research oriented quality education to students from all over Pakistan and across the globe. STMU is a non-profit entity and admission to the University programs is strictly granted on merit.

Establishment of Shifa Tameer-e-Millat University (STMU) is a result of the dedicated leadership and collaboration of Shifa Family that includes; Shifa International Hospitals Ltd., Tameer-e-Millat Foundation and Shifa Foundation. It was the vision of Shifa's leadership that has culminated in the formidable existence of this federally chartered university.

STMU is committed to excellence in the development and creation of knowledge. It aims to provide market-based modern education with the highest possible standards in a wide range of disciplines enabling our talented youth to compete both within and outside the country. The criteria for admission are independent of financial, social and ethnic backgrounds and provide equal opportunities to all according to defined merit.

Campuses

STMU is a multi campus general university. The campuses are equipped with modern educational and research facilities and facilitated by highly qualified and devoted faculty. Shifa Tameer-e-Millat University works within its parameters of charter to create and disseminate knowledge in the fields of Health, Engineering, Business, Basic and Social Sciences. Character building of its students in keeping with our religious, historical and cultural ethics remains an integral part of the STMU's philosophy. STMU has 5 faculties including Faculty of Health Sciences, Faculty of Nursery and Midwifery, Faculty of Pharmaceutical & Allied Health Sciences, Faculty of Computing and Faculty of Social Science & Humanities. The campuses of STMU include Shifa College of Medicine, Shifa College of Dentistry, Shifa College of Nursing, Shifa College of Pharmaceutical Sciences, Department of Physical Therapy, Shifa College of Medical Technologies, Allied Health Sciences and College of Business Administration along with various departments of Computer Sciences and Social Sciences at Park Road campus. The programs offered by these faculties include a number of undergraduate bachelor's programs, graduate masters and doctorate programs and a variety of certifications and diplomas in various fields.

University Management

The university management comprises of highly qualified and experienced educationists and professionals with strategic visionary approach to make this University one of the best in the country, especially in the field of Health Sciences. The faculty of the university is carefully selected from abroad as well as locally with highest enthusiasm and considering local and global needs of the future generation.

Graduates

The first batch of SCD will graduate this year and complete their house job by the mid of 2025. We have high hopes for the future of our graduates that they will serve as valuable addition to the healthcare sector of the country and excel in their professional journey.

Among the medical and allied graduates of STMU, the alumni of SCM and SCN are already contributing to adding up Medical and Nursing knowledge through their valuable research contributions nationally as well as internationally. The STMU Alumni have been shining in the world arena through their highest level of performance at various institutions in the world and now SCD graduates will also follow course.



SHIFA COLLEGE OF DENTISTRY

VISION

Shifa College of Dentistry will be globally known for excellence in dental education and provision of oral healthcare.

MISSION STATEMENT

The mission of Shifa College of Dentistry is to make substantial impact on oral health and well-being by adopting excellent education with world-leading research, and to produce truly professional dental graduates who will strive to improve the public's health through outreach programs with attention to less privileged communities.

Shifa College of Dentistry will train dental professionals who will not only commit to ethical clinical practice and lifelong learning but also keep abreast of the current evidence based clinical practice.



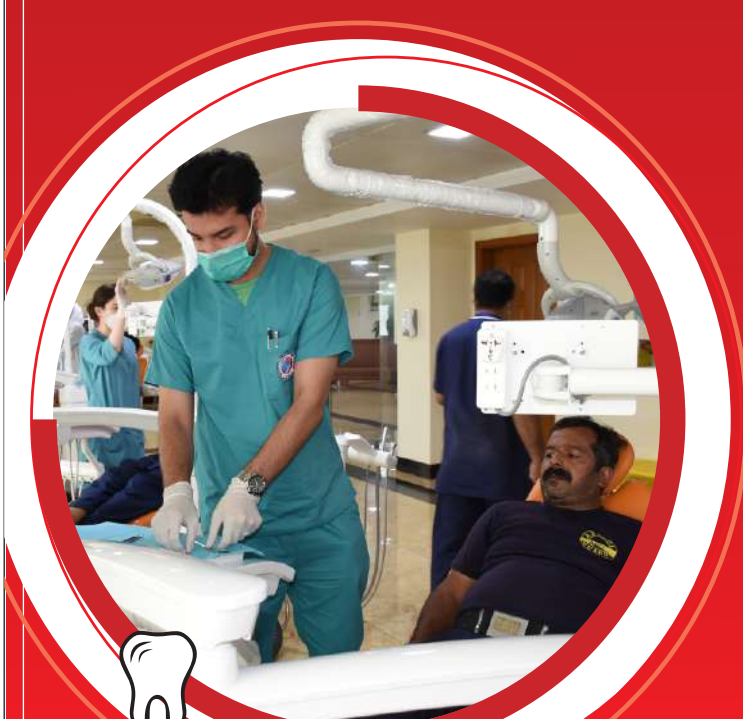
INTRODUCTION TO SHIFA COLLEGE OF DENTISTRY (SCD)

At Shifa College of Dentistry, we focus on developing lifelong competencies in our graduates. These competencies refer to our goals of developing a dental graduate who is a dental expert, collaborator, communicator, scholar, health advocate, manager and professional.

The curriculum at Shifa is learner centered, clinically oriented and will introduce you to patient presentations in all your learning from day one, which will progress to clinical clerkships where you will be shadowing clinicians. Our class rooms, laboratories and clinics have been designed with the curriculum in mind. Audio-Visual aids, on-demand internet, an all-in-one custom built resource-facility where you, the student, as well as the faculty can access multiple sources of learning, including powered mannequins, best-practice and an extensive library of audio and video files. To cater to your good mental health, we have a dedicated team of trained counselors ready to guide you.

At SCD you would learn the basics of clinical aspects and you would be introduced to the clinics from first year. You will learn how to operate a dental chair, how the sterilization is achieved and you would shadow your seniors as well. Our curriculum is based on the following model: from year one our clinical component will be introduced and this component will increase as you progress through senior year.

Shifa College of Dentistry is located in Islamabad, which is the capital city of Pakistan. The city is known for the presence of several parks and forests, including the Margalla Hills National Park and Shakarparian Park. The city is also famous for several landmarks, including the Faisal Mosque, Pakistan's National Monument, Democracy Square and Centaurus Mall.



PREMISES AND INFRASTRUCTURE FACILITIES

Shifa College of Dentistry has a campus with a covered area of 56,000 sq/ft on Islamabad Expressway. The campus building houses lecture halls, tutorial rooms, laboratories, faculty offices, library and student cafeteria. The campus has been planned in a manner to ensure the on-campus availability of all the curricular and co-curricular facilities.

Lecture Halls

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



Libraries

The students have access to a library on the fourth floor of SCD as well as access to 3 well-stocked libraries at SCM. The on-campus library has multiple books on subjects related to dental sciences. A central library stocked with 10,900 books is available in the STMU central building. SCD also has access to multiple online journals and magazines to provide the students an opportunity to gain latest information in their area of interest. All the books and journals are original manuscripts of highest printed quality available. The collection consists of titles related to dental sciences, medical sciences, humanities, social sciences and allied health sciences.

Laboratories

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

- Physiology lab
- Oral biology lab
- Histology lab
- Community dentistry lab
- Ceramics lab
- Dental Materials lab
- Biochemistry lab
- General pathology lab
- Oral pathology lab
- Prosthodontics lab
- Phantom head lab
- Research Lab



Shifa International Hospitals Ltd. (SIH), Islamabad

The students of Shifa College of Dentistry (SCD) would be trained at the Joint Commission International (USA) accredited Shifa International Hospitals (SIH), Islamabad. SIH is a world class, tertiary care teaching hospital. This 587 bed hospital is located in the heart of Islamabad and is renowned for a number of specialized services. There are 17 medical and 11 surgical specialties at SIH. A team of around 81 hospital and clinical pharmacists work alongside 300 consultants in various disciplines. Moreover, 249 PG medical trainees are currently enrolled for training at SIH. SCD in collaboration with the dentists and physicians at SIH have planned to devise a comprehensive training program for dental students to provide them unique opportunities at par with the international professional standards.



Student Centre and Cafeteria

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

Hostel and Transport Facility

The University offers separate hostels for male and female students with supportive wardens and management team. Seats are available in girls hostel as per availability. Limited hostel accommodation will be available for boys and girls separately, in rented premises, close to the College. A member of the faculty supervises each unit of residence. The facilities provided include shared rooms, toilets, sitting room and a kitchen. Essential staff like a cook, cleaner and security watch are provided. The hostel fee is payable in advance. Students will have the freedom to supervise and manage their own mess and menu under the guidance of the hostel warden. Security is available round the clock. Transport is available to the female students to and from the hostel. Dedicated buses are also available for transport between the campuses, hospitals and for excursion trips.

Information Systems (IS)

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



OVERVIEW OF THE CAMPUS



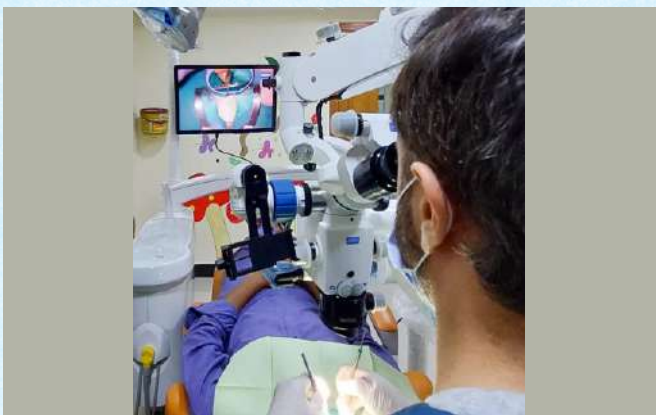
LECTURE HALLS



LIBRARY



PHANTOM HEAD LABORATORY



ENDODONTIC MICROSCOPE



EXECUTIVE CLINIC OF OPERATIVE AND ENDODONTICS DEPARTMENT



OVERVIEW OF THE CAMPUS



RECEPTION AREA



RADIOLOGY DEPARTMENT



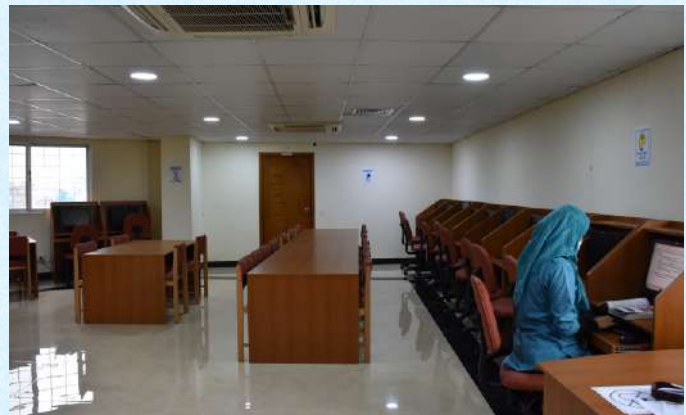
EMERGENCY ROOM



CSSD



CONFERENCE ROOM



COMPUTER LAB



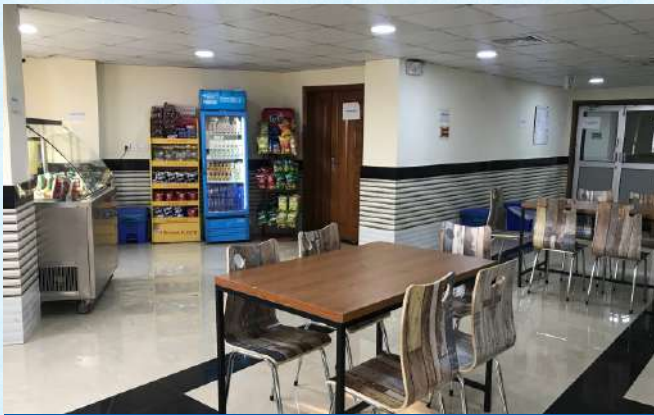
OVERVIEW OF THE CAMPUS



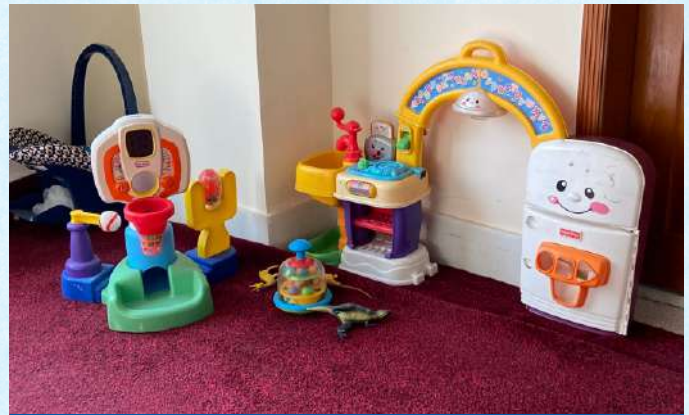
PORTABLE DENTAL UNIT



CEPH TRACING ROOM



CAFETERIA



DAYCARE



SEPARATE PRAYER ROOM FOR MALE AND FEMALE



PAEDS INHALATION SEDATION



AFFILIATED TEACHING HOSPITAL AND COMMUNITY CENTER



Shifa International Hospital, Islamabad
Has Earned the Joint Commission Gold Seal of Approval
an Internationally Recognized Symbol of Quality

SHIFA INTERNATIONAL HOSPITAL, ISLAMABAD

The idea of Shifa International Hospital was conceived in 1987 by a small group of Pakistani doctors and other health care professionals working in the USA. Since then Shifa has grown to be a public limited company. The Hospital is located on 11.2 acres in sector H-8/4 in Islamabad. It was established to become a center of health care excellence in Pakistan. Shifa International Hospital is a state of the art hospital in the heart of Islamabad, the Capital Territory of Pakistan. It has over the span of 20 years become one of the best tertiary healthcare facility within Pakistan. Shifa has been introducing newer ideas which, collectively have transformed the healthcare culture in the country and raised the bar for everyone in quality service delivery. It comprises of 500 + tertiary care beds and 100 critical care beds with 1500 outpatient visits daily. Shifa has the highest number of US trained consultants as compared to any other organization in Pakistan. With highly technical employee base of around 5000 it is the only center in the entire country and one of the very few in the world where Liver, Kidney, Bone Marrow and Corneal Transplants are being carried out.

SHIFA FOUNDATION COMMUNITY HEALTH CENTER

Shifa Foundation Community Health Center has both inpatient and outpatient departments that offer health care services to the less endowed people in the community. This center is located within the premises of Shifa International Hospital. The Center meets two objectives; to serve the community and to educate the students. Community Health Centre offers quality health services in Medicine, Surgery, Pediatrics, Gynecology / Obstetrics, Otolaryngology, Ophthalmology, Cardiology, Dermatology, Urgicare, Family Medicine, and Psychiatry at free or affordable cost to the patients according to their eligibility.

POSTGRADUATE TRAINING IN BASIC / CLINICAL SCIENCES

The PM&DC has already approved the Shifa International Hospital for house job training of medical graduates in Medicine, Surgery, Obs/Gynae and Paediatrics. The College of Physicians and Surgeons of Pakistan have given approval for training in the specialties of Physiology, Histopathology, Medicine, General Surgery, Radiation Oncology, Obs/Gynae, Paediatrics, Anesthesia, Hematology, Cardiology, Urology, Nephrology, Neurosurgery, Gastroenterology, Plastic Surgery, Neurology, Critical Care, immunology, ophthalmology, Emergency Medicine and Radiology, leading to FCPS qualification. It is also approved to offer training in the specialties of Obs / Gynae, Paediatrics and Anesthesia leading to MCPS.



COMMUNITY BASED EDUCATION

Shifaites Serving Humanity (SSH)

Learning through service & community, medical education has been broadly recognized as an effective method to engage medical students in active learning, while providing health services to underserved population. Shifa College of Medicine is a pioneer in this field. Our faculty and students have formed a philanthropic body, the Shifaites Serving Humanity (SSH). This provides a platform for faculty, students, and alumni of SCM for philanthropic endeavors. These projects include Shifa Homes (for flood victims), Welfare Medical Camps, Hep B, C & and HIV awareness Campaigns, Patient welfare Projects, Public Awareness Campaigns, and Disaster Medical Relief. SCD students will also be part of such community-based volunteering as it is essential to inculcate civic responsibility among our future dental graduates and to provide an avenue for sustainable linkages between the community and medical students.

Nurpur Shahan

The Shifa Rotary Community Health Care Center was established with the collaboration of Shifa College of Medicine (SCM) and Rotary Club Islamabad Metropolitan in 2007. It is a semi-urban settlement located at the foothills of the Margalla Range known as Nurpur Shahan near Bari Imam. The medical facilities provided in this clinic are geared towards provisions of Primary Health Care. It caters to 50-60 patients each day with general medical problems. It is manned by the Section of Family Medicine at SCM and is also a training site for undergraduate students of SCM to give them exposure to prevalent diseases in the community. Dentistry will be set up at Nurpur Shahan and dental students will rotate there to gain experience in this outreach center.

Shifa Falahi Community Health Center

SFCHC provides free treatment, advice, and medications to 500+ deserving patients daily. Those who need in-patient treatment are given the same facilities as paying patients in Shifa International Hospitals. Presently, thirty-five specialties and subspecialties are being offered including open heart surgeries, kidney transplants, and neurosurgeries either absolutely free of cost or at extremely subsidized rates. The dentistry students of SCD are also trained at the clinic to inculcate dentistry skills as a member of a Physician-dentistry-nurse-trio.

MOU's with Universities and Research Centers

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

Multipurpose Clinic at Park Road Campus, STMU

A newly established Multipurpose Clinic has been established at Park Road Campus which offers clinical services in the following areas.



■ Psychology

■ Rehabilitation Sciences

■ Dentistry

■ General Medicine

PROGRAMS OFFERED AT SHIFA COLLEGE OF DENTISTRY

1. BACHELOR OF DENTAL SURGERY (BDS)
2. DOCTOR OF PHILOSOPHY - DENTISTRY (PhD)



BACHELOR OF DENTAL SURGERY (BDS) PROGRAM



BACHELOR OF DENTAL SURGERY (BDS) PROGRAM

The Bachelor of Dental Surgery is a 4-year Program. The Program is designed in accordance with the guidelines of PM&DC.

Curriculum Overview:

Shifa College of Dentistry (SCD) curriculum instills all of the enduring qualities essential for clinical excellence in dental practice, while also including essential emerging competencies such as an understanding of community oral health, health care ethics, and patient safety in the dental practitioners of tomorrow.

The SCD curriculum is a blend of system based and competency-based approaches and is integrated horizontally and vertically, following the syllabus and guidelines laid by PM&DC. It has been developed taking into consideration cognitivist, behaviorist, and some elements of a constructivist approach. It allows students to construct their own knowledge based on what they already know and to use that knowledge in activities which require critical thinking and problem solving. Conscious efforts have been made to ensure that students develop a holistic approach towards the management and treatment of oral diseases. Specially designed longitudinal threads run throughout the curriculum to ensure that effective schema development takes place in the minds of our students.

The following table represents the placement of major subjects, additional skills and longitudinal threads in the SCD curriculum:

BDS Year 1	BDS Year 2	BDS Year 3	BDS Year 4
SUBJECTS			
Anatomy Physiology Biochemistry Oral Biology	Community Dentistry Dental Materials General Pathology Pharmacology	Community Dentistry Dental Materials General Pathology Pharmacology Oral Pathology Oral & Maxillofacial Surgery Operative dentistry & Pedodontics Prosthodontics	Operative Dentistry & Pedodontics Prosthodontics Oral & Maxillofacial Surgery Orthodontics
Preclinical Operative Dentistry Preclinical Prosthodontics			
CLINICAL THREADS			
Infection Control and Patient Safety		Forensic Odontology	
Medical Emergencies			
Clinical Practice		Entrepreneurship	
Radiology			
LONGITUDINAL THREADS			
Pakistan Studies and Islamiat			
Behavioural Sciences			
Research			
Ethics and Professionalism			
Communication Skills and Leadership			
Health Informatics			



Program Learning Outcomes of BDS (PLOs):

The program learning outcomes (PLOs) of the BDS program signify the expected level of professional achievement from a dental graduate of the Shifa college of dentistry, upon completion of their BDS degree. These are termed as Program Learning Outcomes (PLOs) and are listed below:

- Apply and integrate the relevant knowledge, skills, and attitudes of basic sciences with clinical dental practice.
- Plan a holistic approach for the diagnosis of oral diseases and systemic diseases with oral manifestations through effective history taking, data recording, and interpretation of clinical findings.
- Independently manage common, non-critical dental problems at an appropriate level of competence for a general dental practitioner.
- Practice safely and effectively, making the high-quality long-term care of patients the first concern.
- Apply the principles of oral health promotion and disease prevention through outreach programs with emphasis on prevalent diseases in the population.
- Demonstrate continuing professionalism through their education, training and practice and maintain high standards of ethics and conduct in all aspects of professional life.
- Effectively communicate and collaborate with dental team members, patients, and their families to deliver better patient outcomes.
- Describe and practice the principles of good research related to all aspects of oral health and interpret it for application as part of an evidence-based approach to clinical judgment, decision-making, and problem-solving skills in relation to oral health.
- Demonstrate effective clinical decision making, accurately assess their own capabilities and limitations, demonstrating reflective practice, in the interest of high-quality patient care and act within these boundaries.
- Manifest the attributes of lifelong learning and recognize its importance and apply it to practice. Employ critical thinking, creativity, and innovations in dental practice.

Modules:

Each module is further divided into themes which integrate multiple disciplines. Each module has its Module Learning Outcomes (MLOs) targeting the cognitive, psychomotor and affective domains, and are developed in line with the Program Learning Outcomes (PLOs) of BDS Program. The content of the module is reflected in the modular study guide.

Assessments:

There are broadly two types of examinations at SCD. These include the professional examinations conducted by the Shifa Tameer e Millat University and internal examinations conducted by the college.

The internal and external examinations consist of theory and practical components. Each modular unit is followed by end of module theory examination whereas skills are assessed in end of block practical/ clinical examination. These internal examinations carry 40% weightage in the final assessment of student, whereas 60% belongs to professional examination. In clinical years, students are assessed through competency tests. Achievement of these competencies is mandatory for all students, and they must have achieved the required number of specific competencies for each discipline before they are eligible to



appear in the block examination. Patient portfolios and logbooks are used as a means of continuous assessment and carry weightage in the internal assessments.

Progression and duration of BDS program

The students enrolled in the BDS program are expected to complete their academic and administrative requirements within 4 years of the program. The progression from one academic year to the next is dependent on the completion of minimum attendance (90%) and a prerequisite performance criterion. The completion of the degree program is marked by fulfilment of all academic and administrative requirements on part of the student.

Organization of Curriculum:

The SCD curriculum is a blend of system based and competency-based approaches. The curriculum is organized as an integrated modular curriculum spanning over four calendar years, with distribution as shown below

SR#	Module Name	Module Code
Block I		
1	Foundation Module	FDN 111
2	General Organization of Human Body	GHB 211
3	Immune System- I	IMS 311
4	Cardiovascular and Respiratory System -I	CVR 411
Block II		
5	Gastrointestinal System and Metabolism- I	GIT 521
6	Neuroendocrine System- I	NES 621
7	Head And Neck	HNK 721
8	Biology of Oral Cavity	BOC 821
Block III		
9	Trends in Oral Health	TOH 932
10	Cariology	CRG 1132
11	Basis of Disease	BOD 1032
12	Cardiovascular and Respiratory	CVR 1232
Block IV		
13	Evidence Based Dentistry	EBD 1342
14	Gastrointestinal System	GIT 1442
15	Dental Rehabilitation	DRT 1542
16	Neuroendocrine System	NES 1642
Block V		
17	Fundamental Principles of Patient Evaluation	FPE 1753
18	Orofacial Pain	OFP 1853
19	Oral Mucosa in Health and Disease	OHD 1953
20	Systemic Diseases in Dentistry	SDD 2053
Block VI		
21	Infections and Infectious Diseases	IID 2163
22	Dental and Orofacial Pathology	DOP 2263
23	Neurological and Bone Disorders	NBD 2364
24	Oral and systemic Disorders	OSD 2463
Block VII		
25	Comprehensive Treatment Planning I	CTP 2574
26	Dental Restorations and Rehabilitations-I	DRR 2674
27	Growth Development and Occlusion	GDO 2774
28	Dental Emergencies and Trauma	DET 2874
Block VIII		
29	Comprehensive Treatment Planning II	CTP 2984
30	Dental Restorations and Rehabilitations-II	DRR 3084
31	Interdisciplinary Management	IDM 3184



ACADEMIC CALENDAR

	Integrated Modules
	Clinical Dentistry Threads: Clinical Practice, Radiology, Infection Control, Medical Emergencies
	Preclinical Prosthodontics and Operative Dentistry
	Essential threads: Behavioral Sciences, Research, Pakistan Studies, Islamiat, Ethics
	Additional Sciences: Study Skills, Communication skills, Leadership and Management, Professionalism
Year 2	Integrated Modules
	Clinical Dentistry Threads: Clinical Practice, Radiology, Infection Control, Medical Emergencies
	Preclinical Prosthodontics and Operative Dentistry
	Essential threads: Behavioral Sciences, Research, Pakistan Studies, Islamiat, Ethics
	Additional Sciences: Study Skills, Communication skills, Leadership and Management, Professionalism
Year 3	Integrated Modules
	Clinical Rotations
	Essential threads: Behavioral Sciences, Research, Ethics
	Additional Sciences: Study Skills, Communication skills, Leadership and Management, Professionalism
Year 4	Integrated Modules
	Clinical Rotations
	Essential threads: Behavioral Sciences, Research, Ethics
	Additional Sciences: Enterprenuership, Study Skills, Communication skills, Leadership and Management, Professionalism, Forensic Odontology and Clinical Radiology



ADMISSION PROCESS FOR UNDERGRADUATE BDS PROGRAM

Allocated Seats

Shifa College of Dentistry has the capacity to admit up to 50 students annually from Pakistan and abroad. The admission on all seats is based on merit without discrimination of gender, color, creed, race, religion or domicile. If a seat in the first-year class is not confirmed by the due date, it will be offered to the next person on the waiting list of their respective category. No further claim of admission by the incumbent applicant will be admissible in such an eventuality. The provision of allocated seats for foreign category depends on the regulations established by PM&DC for the respective year.

Parents and relatives are cautioned not to encourage or force unwilling applicants into the dental field, which is expensive, as well as most demanding and challenging. To be forced to go through an extremely demanding course of studies for 4 long years against their will could produce extremely unpleasant consequences.

Student Interviews

This is a mandatory part of the admission process. Based on the performance of the candidate and the final decision of the panel, the College has the right to refuse admission if he/she is found unfit for this profession. If the applicant is suffering from a known psychiatric disorder/psychological problem, it is mandatory to inform the college authorities along with details of treatment. If he/she is taking any psychiatric medicines, then a documented evidence/ medical certificate by the treating physician should be produced at the time of interview.

Eligibility Criteria

The eligibility criteria for admission follow the guidelines laid down by PM&DC. As per the guidelines, any candidate/applicants seeking admission in BDS must have:

- Obtained a Higher Secondary School Certificate (HSSC) or an equivalent 12th grade qualification recognized in Pakistan with a minimum aggregate of 60%.
- Passed the mandatory subjects of biology and chemistry. The students may opt to qualify either physics or mathematics.
- Passed the MDCAT examination (pass percentage as per the PM&DC regulations for the given admission session)

Admission Process

- Candidates interested in BDS Program can only apply through STMU Online Admission Portal. No application are accepted in hardcopy.
- Selected students are required to confirm their intent to join the college by fulfilling the requirements as specified in their selection letters within the specified timeframe.



Selection of Candidates

The final selection of the students will be based on the student interviews, student conduct and fitness to practice. The details are as follows.

Student Interviews

This is a mandatory part of the admission process. Based on the performance of the candidate and the final decision of the panel, the College has the right to refuse admission if he/she is found unfit for this profession. If an interviewer observes any psychiatric issue or special need for daily living / functioning in any candidate during the interview which might affect his/her studies and career in dentistry, the candidate shall be referred to the Medical Board for further evaluation. The final decision will be taken by the Principal of SCD after reviewing the decision of the medical board.

If the applicant is suffering from a known psychiatric disorder/psychological problem, it is mandatory to inform the college authorities along with details of treatment. If he/she is taking any psychiatric medicines, then a documented evidence/ medical certificate by the treating physician should be produced at the time of interview.

Student Conduct and Fitness to Practice

If the student is found taking any recreational drug/ substance of abuse at the time of admission or during his stay in the college, he can be subjected to random drug screen/urine examination and a strict disciplinary action may be taken in this regard which can result in his/her expulsion from the College.

The students must undergo medical examination before being admitted to ensure that there is no hindrance in their clinical training over the course of four years.

Health Screening

As BDS students would be treating patients, all prospective students seeking admission to dentistry must undergo screening for Hepatitis B, Hepatitis C and HIV viruses. Prospective students tested positive for Hepatitis B, Hepatitis C or HIV carriers may not be eligible for admission to dentistry. Students are required to submit mandatory vaccination and health screening lab reports to department of student affairs at the time of their admission. The medical record of the student is maintained in student files.

In addition, prospective students are required to demonstrate immunity against Hepatitis B. In the event that they remain non-immune despite repeated vaccinations (with the primary course series i.e., 3 doses of Hepatitis B vaccine), they will be counselled to understand their potential risk and susceptibility to Hepatitis B during the course of study and when they graduate. As such, it may be in their interest to re-consider their career choice as their future career options in healthcare may be restricted.

STMU reserves the right to re-test any or all of its new dental undergraduates for any or all markers of Hepatitis B, Hepatitis C or HIV viruses, and exclude any students tested positive for any of these blood-borne diseases from the Dentistry course.

Prospective dental students must also show documentary evidence of immunity to Varicella Zoster Virus (Chickenpox), Mumps, Measles and Rubella Viruses. If a student cannot receive the appropriate vaccine for any of these conditions, a letter from a physician will be required.

All prospective students should have received DPT (Diphtheria-Pertussis-Tetanus) vaccine. Students who have previously received DPT vaccination, should receive a booster dose of DPT every 10 years.

Documented proof of vaccination with DPT in the last 10 years would be acceptable as evidence of immunity. Self-declaration would not be considered proof of immunity.



FEE & CHARGES FOR THE BDS INTAKE SESSION 2023-2024

1. Candidates are advised to read carefully and understand the schedule before submission of admission application to the College. The complete details of fee are made available at the commencement of admissions through the official website.
2. The fee and charges shall be according to the approved schedules of the University/College as may be formulated for the given academic session under the rules and regulations of the PM&DC.
3. As per PM&DC guidelines, 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 2% discount in the tuition fee and a student paying the college on an Annual basis in advance shall be granted a 4% discount in the tuition fee. The mode of payment (Lumpsum/ installments) can vary as per the PM&DC regulations.

Following shall be the fee and charges for the intake of BDS session 2023-2024; (BDS class of 2027)

Fee Structure for BDS students on local seats (Four years)

Details	For Local Students- BDS			
	1st Year	2nd year	3rd Year	4th Year
Annual Tuition Fee (per year)	Rs. 1,600,000	Rs. 1,760,000	Rs.1,936,000	Rs. 2,129,600
Admission Fee (one time)	Rs. 32,000			
Security (Refundable)	Rs. 70,000			
University Fee (per year)	Rs. 32,000	Rs. 35,200	Rs. 38,720	Rs. 42,500
	Rs. 1,734,000	Rs. 1,795,200	Rs. 1,974,720	Rs. 2,172,100

Fee Structure for BDS students on Foreign Seats (Four years)

Details	1st Year	2nd year	3rd Year	4th Year
BDS (all inclusive)	US\$. 15000	US\$. 15000	US\$. 15000	US\$. 15000

Hostel Fee for each year

Category	Fee per year	Description
Local Student	Rs. 748,800	Accommodation, Messing and Utilities expense
Foreign Student	Rs. 374,400	No charges for accommodation. Only messing and utilities expense will be charged

Note

- Refund of fees & other charges will be according to PM&DC rules and STMU regulations.
- Tax will be charged as per the policy of the Government of Pakistan.
- The University Examination charges and Convocation & Degree charges will be charged as per university policy
- Please note that Hostel Charges once paid are non-refundable.



Fee Payments

The College may revise the rate of fees every year to cover increased costs and inflation in line with the PM&DC regulation. Late Fee of Rs. 200.00 would be charged per day in case of non-payment of college dues up to 45 days after the fee due date. If the college fee is not paid up to 45 days after the fee due date, the student's name would be removed from the college roll and the student will have to deposit the admission fee to get readmitted.

The University Professional Examination fee would be charged for each academic year. Once the student is considered eligible on academic performance, clearance of college dues is a prerequisite to appear in the professional examination. No results or college leaving certificate will be issued without clearance of college dues. For detained students, the fee will be charged as per the guideline of PM&DC.

The detailed Fee and Payments policy SCD is given in Student Handbook.

Financial Assistance and Scholarship

The Financial assistance and scholarship policy of Shifa College of Dentistry (SCD) is designed per regulations provided by STMU. The financial assistance is in the form of scholarship for High achiever students, as well as need based scholarships for deserving students. SCD offers need-based scholarships to students having financial constraints during the course of their studies. All the cases are scrutinized by Departmental Financial Assistance Committee SCD and later on, by University Financial Assistance Committee STMU, and decisions are made in line with the guiding policies and regulations.

The High Achievers Scholarship will be awarded on securing at least 80% aggregate in the annual professional examinations in any year. The amount of prize money shall be calculated on the regular tuition fee of the same year in which the position is determined and shall be distributed as follows:

First Position	= 15%
Second Position	= 10%
Third Position	= 5%

Prize money will be awarded formally. These cannot be claimed by the students from the Finance Office. The prize winners shall be awarded the money in the form of a cheque or scholarship on account of their tuition fee for the next academic year. Position holders of the final year shall be awarded the prizes in the form of a cheque.

20% waiver will be granted in the tuition fee for the second and onward siblings of the current/bona fide student and 20% waiver will be granted in the tuition fee for the children of the current full-time employees of the University and its teaching hospitals (Shifa International Hospitals Ltd and Shifa Dental Hospital).

A fee waiver of 20% will be granted in the tuition fee to the spouse of current/bona fide full-time employee of the University. This waiver to the spouse enrolled in the University program shall be applicable till the employment status of the employee is current/ bona fide. The detailed Financial Assistance and Scholarship Policy SCD is given in the Student Handbook.



PHD DENTISTRY PROGRAM



DOCTOR OF PHILOSOPHY - DENTISTRY (PhD)

PhD program at Shifa College of Dentistry is specially adapted to the multidisciplinary nature of oral health research. We offer PhD in Dentistry, focusing research in various basic and clinical areas of Dentistry including Oral Biology, Dental Materials, Community Dentistry, Forensic Odontology, Oral and Maxillofacial Radiology, Oral and Maxillofacial Pathology, Orthodontics, Paediatric Dentistry, Operative Dentistry, Endodontics, Periodontology, Prosthodontics and Oral and Maxillofacial Surgery.

In all developed countries, PhD is a mandatory requirement for higher academic positions in universities in both clinical and basic sciences in dentistry. By producing qualified well trained PhD dentists will not only bring the standards of dental education at par with the established global standards and enhance the prestige of our country but will also help to address some of the common oral health problems in our country at a policy level. This program will focus on basic and clinical dental topics across all dental specialties. Our curriculum emphasizes interdisciplinary doctoral training covering various topics and subjects of dentistry. Students will be trained in the fields of topics relevant to both basic and clinical dental problems, as well as in research skills. A major benefit of the program is to expand opportunities for students to carry out research in these areas.

This program of studies and research shall be called “Ph.D. Dentistry” degree program and will be assessed by coursework, a written dissertation, and its oral defence. The program intends to impart research skills and specialist knowledge of Dentistry in general and in particular in its all-relevant specialties. It is suited to those who wish to pursue research at a level beyond that of an undergraduate degree and will give a good training in laboratory work and at community and population level in both quantitative and qualitative research.

Mandatory requirements for Program:

- 18 credit hours for course work
- Comprehensive examination
- Biannual progress reports
- Thesis on Research work and foreign evaluation
- Open Defence/ Seminar
- At least one publication from PhD research work (in H.E.C. recognized 'X' category journal or in 'W' category journal)



PhD Research Areas
PhD Dentistry - Orthodontics
PhD Dentistry - Periodontology
PhD Dentistry - Oral Biology
PhD Dentistry - Dental Materials
PhD Dentistry - Operative Dentistry
PhD Dentistry - Endodontics
PhD Dentistry - Forensic Dentistry
PhD Dentistry - Children Dentistry
PhD Dentistry - Prosthodontics
PhD Dentistry - Oral and Maxillofacial Surgery
PhD Dentistry - Oral and Maxillofacial Radiology
PhD Dentistry - Oral and Maxillofacial Pathology
PhD Dentistry - Community Dentistry

PhD Program Summary	Credit Hours
First Semester	9
Second Semester	9
Total Course Work	18
Third and Fourth Semester	12
Fifth and Sixth Semester	18
Total Research	30
Total Credit Hours	48

Doctoral Research Work

Codes	Description	Credit Hrs.
DDRW9006	Research Work	6
DDRW9016		6
DDRW9026		6
DDRW9036		6
DDRW9044	Publications	4
DDRW9052	Open Defence / Seminar	2
To be assessed by Departmental Research Advisory Committee ** through biannual progress reports		30

PhD Curriculum

Course Code	Course Title	Credit Hours
DBST8003	Applied Biostatistics in Health Care	3
DRET8003	Research Methodology, Ethics and leadership	3
Candidates must choose 4 courses relevant to their speciality from the following courses.		
Course Code	Course Title	Credit Hours
DDEM8003	Current advances in dental biomaterials (<i>Orthodontics, Operative Dentistry, Endodontics, Prosthodontics and Children Dentistry, Oral Medicine, Dental Materials</i>)	3
DDEM8013	Advances in transparent Orthodontic wires (<i>Dental Materials, Orthodontics</i>)	3
DDEM8023	Recent advances in the development of antimicrobial and antifouling agents for dental applications (<i>Dental Materials, Endodontics, Operative Dentistry, Prosthodontics, Periodontology</i>)	3
DDEM8033	Contemporary dental irrigation materials (<i>Dental Materials, Endodontics</i>)	3
DPER8003	Modern concepts of pathophysiology of periodontal diseases (<i>Periodontology, Oral Biology, Oral Medicine, community Dentistry</i>)	3
DPER8013	Current concepts in guided tissue/bone regeneration (GTR/GBR) in Periodontology (<i>Periodontology, Dental Materials, Oral Biology</i>)	3
DPER8023	Update on periodontal diseases and general health (<i>Periodontology, Oral Medicine</i>)	3
DORT8003	Controversies in Orthodontics (<i>Orthodontics, Dental Materials, Children Dentistry</i>)	3
DORT8013	Orthodontics – Periodontology interface (<i>Orthodontics, Periodontology</i>)	3
DORT8023	Orthodontics – Restorative interface (<i>Orthodontics, Periodontology, Prosthodontics, Operative Dentistry, Endodontics</i>)	3



DORT8033	Cleft lip and palate and craniofacial deformities (<i>Orthodontics, Children Dentistry, Oral Biology</i>)	3
DFOD8003	Advanced Forensic Dentistry in the digital era (<i>Forensic Dentistry, Oral & Maxillofacial Radiology, Oral Biology</i>)	3
DFOD8013	3-D and 4-D Occlusal prints in Forensic odontology (<i>Forensic Dentistry, Oral Biology, Prosthodontics</i>)	3
DFOD8023	Fingerprints and occlusal prints sexual dimorphism (<i>Forensic Dentistry, Prosthodontics, Oral Biology</i>)	3
DORB8003	Progressive Oral Biology (<i>Oral Biology, Prosthodontics, Oral Medicine, Operative Dentistry, Endodontics</i>)	3
DORB8013	Oral swabs for soft tissues and oral fluids (<i>Oral Biology, Forensic Dentistry</i>)	3
DCOD8003	Paradigm shift in Community Dentistry (<i>Community Dentistry, Children Dentistry, Operative Dentistry, Orthodontics, Periodontology</i>)	3
DCOD8013	Topical oral tobacco uses and its effects on oral health (<i>Community Dentistry, Periodontology, Oral Maxillofacial Surgery</i>)	3
DCOD8023	Standards of oral health education in general Pakistani population (<i>Community Dentistry</i>)	3
DOMR8003	Futuristic techniques in imaging / radiology of facial region (<i>Oral & Maxillofacial Radiology, Oral & Maxillofacial Surgery</i>)	3
DOMR8013	Applications of radiology in Forensic dentistry (<i>Oral & Maxillofacial Radiology, Forensic Dentistry</i>)	3
DOMR8023	Physics of radiology (<i>Oral & Maxillofacial Radiology</i>)	3
DPRO8003	Dental prosthetics for complex dental and facial matters (<i>Prosthodontics, Geriatric Dentistry, Oral Biology, Oral Maxillofacial Surgery</i>)	3
DPRO8013	Advanced retention mechanisms in Prosthodontics (<i>Prosthodontics</i>)	3
DPRO8023	Alveolar ridge changes (<i>Prosthodontics, Oral Biology</i>)	3
DEND8003	Modern approach to dental pain management and complex root canal treatment (<i>Endodontics, Operative Dentistry, Children Dentistry</i>)	3
DEND8013	Single visit vs multiple visits and re-treatment RCT (<i>Endodontics</i>)	3
DEND8023	Conventional vs modern approaches to RCT (<i>Endodontics</i>)	3
DCHD8003	Current trends in dental care of children (<i>Children Dentistry, Orthodontics</i>)	3
DCHD8013	Inhalation sedation and general anaesthesia in children (<i>Children Dentistry</i>)	3
DCHD8023	Prediction tables for malocclusions (<i>Children Dentistry</i>)	3
DOMS8003	Contemporary concepts in oral & Maxillofacial Surgery (<i>Oral & Maxillofacial Surgery and Radiology</i>)	3
DOMS8013	Update on Oral cancer (<i>Oral & Maxillofacial Surgery</i>)	3
DOMS8023	Recent trends in TMJ treatment (<i>Oral & Maxillofacial Surgery, Oral Medicine, Prosthodontics, Orthodontics</i>)	3
DOMP8003	Advanced Oral Maxillofacial Pathology in the digital era (<i>Oral Maxillofacial Pathology, Oral Radiology</i>)	3
DOMP8013	Biomarkers in Oral Maxillofacial cancers (<i>Oral Maxillofacial Pathology, Maxillofacial Surgery, Oral Biology</i>)	3
DOMP8023	Role of artificial intelligence in diagnostic Oral Maxillofacial Pathology (<i>Oral Maxillofacial Pathology, Maxillofacial Surgery</i>)	3
DOMP8033	Chemokine receptors in inflammatory, infectious and neoplastic diseases (<i>Oral Maxillofacial Pathology, Maxillofacial Surgery, Oral Biology</i>)	3



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

OUR PHD FACULTY

Dr. Saba Omer Khan

Head of PhD program SCD

Assistant Prof. Department of Orthodontics

PhD (USA), MS (USA), BDS(Pak)



Dr. Saba Omer joined the college as an assistant professor, having recently earned her Ph.D. and Masters from Auburn University, United States of America. She received her Bachelors and Dental Surgery degree from Karachi University, followed by a House job from Karachi Medical and Dental College and Abbasi Shaheed Hospital and a residency in Orthodontics from Islamic International Dental Hospital. Dr. Saba received a double gold medal for being the best graduate and securing the first position among all dental colleges affiliated with Karachi University and was awarded the “Graduate Marshal” title, for her exceptional academic, research, and leadership qualities during her MS and Ph.D. studies. She is also an active member of the American Association of Cancer Research, International Association for Dental Research, American Association for Dental, Oral, and Craniofacial Research, Auburn University Research Initiative in Cancer, and Boshell Diabetes and Metabolic Disease Research Program.

Research Interest

Her primary research involves the investigation of the Anti-cancer and anti-inflammatory Biomarkers in Head and Neck Cancers and Inflammatory diseases. Additional research interests include the investigation of the physiologic role of the CB1 and CB2 receptors and the pharmacodynamic effects of cannabinoids on tumor and immune cells. In her recent research, she has established the expression of cannabinoid receptors and the anti-cancer effects of cannabinoids in human and canine non-Hodgkin lymphoma.

Dr. Muhammad Khan Asif

Head of Forensic Department

Chair of Research Board SCD

PhD (Malaya), MS (Malaya), CHPE (Pak), BDS (Pak)



Dr Muhammad Khan Asif is currently working as an Assistant Professor, Head of Research & development and Forensic Odontology Department and the Chairman of the Shifa College of Dentistry Research Board (SCDRB). He is an active member of Kenyon International Emergency Services (USA) and Association of Forensic Odontology Human Rights (AFOHR) (Italy). He was awarded a PhD degree in Forensic Odontology (Oral and Maxillofacial Imaging) with DISTINCTION and the University of Malaya Excellence award from the University of Malaya, Malaysia in 2021.

He did his Master's degree (MDS) in Forensic Odontology (Oral and Maxillofacial Imaging) with DISTINCTION in 2018 from the University of Malaya, Malaysia. He completed his bachelor's degree (BDS)



from Sardar Begum Dental College (Gandhara University) in 2012. He has also been awarded a certification in Health Profession Education (CHPE) from Khyber Medical University Peshawar in 2021. He is the only dentist with a PhD degree in Oral and Maxillofacial Forensic Imaging in South Asia. He has published 21 research articles in ISI (Web of Science) and Scopus Indexed journals with a high impact factor.

Research Interest

Dr. Muhammad's research to date has been largely in the field of Oro-Maxillofacial Imaging, Forensic Odontology, Orthodontics (Micro-osteoperforations) and Oral Biology. His research work is the first attempt on the Malaysian population to correlate chronological age with Physiological age-related changes using a novel method of dental age estimation by three-dimensional(3D) analyses of developing root apices with cone beam computed tomography (CBCT) and image enhancing software like MIMICS and 3-matics.

Professor Dr. Anwar A. Shah

Principal, Shifa College of Dentistry

PhD (Sheffield), FDS(Orth)RCS (Eng), FFDRCSI (Ortho), FDSRCS(Edin), MOrthRCS(Eng), CCST (Ortho) BDS(Peshawar), Diploma in Lingual Orthodontics (Paris)



Dr. Anwar Ali Shah is the founding principal of Shifa College of Dentistry. He is a Professor and principal of SCD since its inception. He has been working as a Consultant Orthodontist at Shifa International Hospital since January 2013. Dr. Anwar obtained his BDS from Khyber College of Dentistry, Pakistan where he was awarded the best graduate of his session. Dr. Anwar has extensive experience in Clinical Orthodontics. He has been awarded various national and international awards in his career ranging from President Merit Scholarship Pakistan to the International Collaborative Award of the Royal Society, London. He has multiple medals and distinctions to his name as well. Dr. Anwar is also an Examiner to the Royal College of Surgeons of Edinburgh for MOrth and MFDS. Previously he has also worked as International Dental Advisor, Royal College of Surgeons of Edinburgh (2013-2019). Dr Anwar has significant contributions to the clinical orthodontic research, including research articles and books. He also acts as a reviewer for multiple International Journals of Orthodontics, including American Journal of Orthodontics & Dentofacial Orthopaedics, The Angle Orthodontist, (British) Journal of Orthodontics, European Journal of Orthodontics, Saudi Dental Journal, and International Journal of Paediatric Dentistry.

Research Interest

Dr. Anwar's main research interests are Lingual Orthodontics and Craniofacial deformities. His primary research involved the investigation of the relationship between mandibular tooth morphology and lower incisor crowding using a new image analysis system. He has supervised students from both masters and PhD program in Orthodontics. Currently he is teaching and supervising PhD students at SCD as well.



INTERNATIONAL VISITING / ADJUNCT FACULTY

Prof. Dr. Paul Jonathan Sandler

Visiting Professor, Orthodontics

Ph.D. (Sheffield), FDSRCS (Eng), MOrth (Eng), DOrth (Eng), FDSRCS (Glasgow), MSc (London), BDS (Manchester).

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Prof. Dr. Syed Ali Khurram

Visiting Professor, OMFS

Ph.D. (Sheffield-UK), MSc (London), BDS (Pak), FDS-RCS (England), MFDS-RCS (UK), CiLT (Sheffield-UK), FHEA (UK), FRC Path (UK).

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Prof Dr. Khaled Khalaf

Visiting Professor, Orthodontics

Ph.D. (Sheffield-UK), FDS Orth (Eng), FFDRCSI Orth (Ireland), M Orth (Eng), MFDSRCS (Edinburgh), FFDT RCS (UK), FHEA (UK), CASAP (UK), LDS-A (UK), BDS (Syria).

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Prof. Dr. Abdul Samad

Visiting Professor, Dental Material

Ph.D. (UK), FHEA (UK), MSc-DM (UK), Certificate of Orthodontics (Pak), BDS (Pak).

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Dr. Helen D Rodd MBE

Visiting Professor, Paediatrics

Ph.D., FDS-Paed (Eng), RCS (Eng), BDS.

Dr. Erum Zain

Visiting Assistant Professor, Restorative Dentistry

Ph.D, BDS

Prof. Dr. Phrabhakaran KN Nambiar

Visiting Professor, Forensic & Biomedical Sciences

FFOMP (Aus), PG Diploma in Maxillofacial Radiology (South Africa), M.Sc.-Forensic Odontology (Australia), BDS (India)

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Prof. Dr. Riaz Yar

Visiting Professor, Prosthodontics

M.Phil., BDS (Liverpool), MFDSRCS (Edinburgh), DPDS (Bristol Uni), FDS RCS (Edinburgh), MPros-Dent, RCS (Edinburgh), Diploma Implant Dent, Speciality Dentist in TMD (Manchester).

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Dr. Hany Mohamed Aly Ahmed

Visiting Associate Professor, Endodontics

PhD-Endo (Malaysia), M.Sc. in Dentistry (Malaysia), FICD (USA), MDTFEdRCS (Edin), FPFA (USA), FADI (USA), HDD(Endo), BDS.

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Dr. Norliza Bint Ibrahim

Visiting Professor, OMFS

Ph.D. (Amsterdam), M.Sc. Oral Radiology (UK), BDS (Indonesia), DDS (Indonesia)

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Dr. Saroash Shahid

Visiting Professor, Dental Material

Ph.D. (London), M.Sc. (London), BDS (Pak)

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Dr. Hesham Matabdin

Adjunct Assistant Professor, Oral Biology

Ph.D ,BDS, MSC



APPLICATION PROCESS FOR PHD DENTISTRY

Eligibility Criteria

- Basic qualification: BDS/DDS/DMD
- Postgraduate qualification: MSc/M.Phil. /Masters, FCPS/MCPS/FDSRCS/MOrth/ MFDSRCS OR equivalent
- Minimum (academic standing in the terminal degree) CGPA 3.00/4.00 or 3.75/ 5.00 or 60% for annually graded program
- Valid ETC/NTS/ GRE 60%.
OR
- Minimum cumulative score of 70% in university based subject test.
Note: Result awaiting candidates are eligible for provisional admission

Admission Process

Interested Candidates are required to apply to the PhD program through online STMU/SCD admission portal.

The application must be supported by mandatory documentation. The documents required for the application include:

- Official copy of transcripts of previous educational degrees
- Statement of Purpose
- Research Proposal
- Curriculum Vitae
- Three letters of recommendation solicited and submitted via the online application system.
- Copy of paid challan of Application fee (2500 rupees for post graduate programs).

Once the application fee is paid and the receipt uploaded, the application will be processed and available for review.

Entry Test

An MCQ based written test is conducted for eligible applicants. It is mandatory for candidates to qualify the entrance examination. The test consists of 100 multiple choice questions (MCQs). These questions are divided into three sections: Research area specific (40%), General dentistry (40%), Analytical/Stats/Research (20%).

Interview and Research Proposal Presentation

Students who pass the entry examination are called for Interviews and research proposal presentations. During the research proposal and interview, the candidate must discuss their research interest/area through a **PowerPoint presentation using not more than ten slides.**

Following aspects are considered during the interview and research proposal presentations.

- Candidate's competence in the proposed research
- Suitability of the research work in the given resources.
- Contribution of the proposed area of research to new/additional knowledge.



STUDENT CENTER AND FACILITATION



STUDENT AFFAIRS DEPARTMENT

The Student Affairs Department of at Shifa College of Dentistry is the first point of contact for prospective students at the time of admission to our BDS and Postgraduate (PhD Dentistry) programs. The department act as a liaison between Students, Faculty, and College Administration and builds a lasting relationship with students during their stay at SCD which extends even after the students graduate from college. The key responsibility of the Student Affairs department is to facilitate the students. The department provides all-rounded support to students in their academic and extra-academic activities. These include facilitation in admissions, verification, and registration with the regulatory bodies, financial assistance, other fee-related issues, and provision of academic awards to the students. The department also facilitates various ceremonies including orientation, award distributions, and convocation for graduating class.

The department maintains an elaborate record of a student's performance throughout his/her stay at BDS including the details of results, clinical rotations, electives, and any order academic or extra academic activity. Students are facilitated in the documentation process while applying for internships/electives or any other local or foreign clinical attachments at different institutions. Close coordination with parents is also one of the main responsibilities of the office where we keep the parents abreast of their child's performance at college regularly. Any irregularities in the students' performance, disciplinary behavior, and/or attendance are communicated to the parents on a need basis.

The Student Affairs Department is located in the basement of SCD building. For any queries, please find below the contact details:

Email: studentaffairs.scd@stmu.edu.pk

Contact No: 051-8482084 and 051-8490254



Dr. Laila Shakeel Abbasi
Advisor Academic and
Student Affairs, SCD



Ms. Hira Bhatti
In-charge
Student Affairs Department



Ms. Nayab Khan
Coordinator
Student Affairs Department



CODE OF CONDUCT FOR STUDENTS

For detailed regulations, kindly refer to Student Hand Book of SCD.

Disciplinary Procedure (Rules)

Students of the Shifa College of Dentistry are required to exhibit good conduct and discipline at all times and in all settings. Guidelines have been laid down in the Code of Conduct framed by the college to provide students with a reference to the standards for discipline. It is expected that all students will strictly uphold and adhere to it.

Dress Code

Students should be wearing the prescribed dress code i.e., a clean white coat at all times on top of MODEST, clean, and tidy clothes. "A simple decent dress conforming to our culture and norms is

- Boys with Trousers and Shirt tucked in, along with a Tie / Coat / Sweater with sleeves. Shirt and Shalwar along with a Coat / Waistcoat.
- Girls with Kameez Shalwar and Dupatta, Coat / Sweater with sleeves.
- For third year and Final year BDS students, it is MANDATORY to wear clinical uniform/scrubs (colors designated for third year and final year respectively) in their clinical rotations along with a white coat. No student is allowed to work in the clinics without proper uniform.

Academic Conduct

Students will attend lectures, tutorials, seminars, practicals, clinics, ward assignments, examinations and any other un-scheduled courses and activities except for reasons acceptable to the College. Students will ensure that any original academic writing, including essays, thesis, research projects or assignments relating to a course or program of study either represents their own words, ideas, images and data or is appropriately referenced. Students will ensure that they themselves complete scheduled examinations or attend other academic activities for which they are primarily responsible. Students will respect confidentiality of information pertaining to patients, including their records or files.

Counselling Services

The counselling service at Shifa College of Dentistry aims to help students to realize their academic, professional, and personal goals. This is done by providing and offering services that contribute to comprehensive development and advancement of students through psychological counselling and guidance. Students are to be facilitated and provided counselling in the following three distinct areas:

1. Academic Development
2. Career Development
3. Personal and Social Development

The student should contact the Student Affairs Department to forward their complaints/requests to the counselling committee. Student Affairs Department acting as a counselling cell, liaisons between the counselling committee and the students and arranges the meeting after ensuring the availability of students and the committee members.



ELECTIVES FOR BDS STUDENTS

The Shifa College of Dentistry Electives policy has been developed for both SCD students and external dental students. It is focused on your participation and observation of dental practices, as well as helping you to develop & enhance your personal skills, creativity, and methodology. Being a student of the Shifa College of Dentistry or otherwise, you are an ambassador of your alma mater. Your actions will reflect upon your parent institution. Just like a diplomat you should endeavor to put your best foot forward, think twice before speaking and have a very professional outlook. That does not mean that you are not allowed to smile! On the contrary a pleasant persona is the quintessential ingredient of being professional.

For SCD students, the elective program is an integral part of their curriculum and is mentioned separately in the academic calendar. Therefore, it is compulsory for them to attend an elective rotation AT LEAST ONCE during the course of their BDS degree. Dedicated elective slots are provided to students at the end of their third year BDS and mid of their Final year BDS to complete the electives at an institution of their choice.

How will the College Help for Electives?

- The process of applying for an elective starts at the 'Student Affairs Department' where you can get information and requisite documentation.
- The Student Affairs Department will help you by providing necessary documentation (reference etc.). However, please apply for these in advance on prescribed forms so that they can be made available to you in time.
- It usually takes 3 working days to process an application for letters of reference and other documentation.
- The student is responsible for all financial charges that an institution might apply for an elective program (whether local or international).
- Before leaving for their elective's rotation, all SCD student's must collect the Electives logbook from the Student Affairs Department. It is essential that you keep a log of your elective activities countersigned by your elective's supervisor or their designate. The completed logbook is submitted to student affairs office along with supervisor information at the end of elective rotation.



The students of 3rd Year BDS Class of 2023 visited Foreign Institutes for Electives



STUDENT RESEARCH SOCIETY

SRS Vision

The Student Research Society (SRS) is envisioned as a student-led body that provides a platform to the students at the Shifa College of Dentistry (SCD) to engage in explorative and fundamental research, and to collaborate with other research bodies to promote research culture among dental students.

SRS Mission

SRS aims to develop research skills among dental students to conduct effective research independently. This research body is established to achieve the following objectives:

1. To provide a platform that would allow young researchers to effectively match and connect with their mentors in the faculty.
2. To allow students to engage in research collaborations with each other, faculty members and other institutes, to promote scientific practices, understanding of research methodologies, evidence-based investigations and critical analysis of existing research and literature.
3. To provide research tools to the researchers and develop research skills of the students by organising research development workshops and seminars.
4. To improve efficiency of research and technical events of students research (SR)
5. To coordinate with SCD to facilitate students in presenting and publishing their research projects in national and international conferences and journals.
6. To provide incentives to the students to engage in research. These incentives may include opportunities to compete for awards, scholarships, research funding and other opportunities that would be announced at the end of the previous academic year.
7. To provide assistance to students in conducting independent scientific research.

SRS Organization

The executive board exclusively comprise of students who are elected by their peers. The SRS includes the following members:

President:
Ms. Adeena Sajid

Vice President:
Ms. Shanzay Wazir

Secretary:
Ms. Maryam Binte Safiullah

Treasurer:
Anbreen Zehra

Class Representative 1st year BDS:
Ms. Ayesha Sami

Class Representative 2nd year BDS:
Ms. Maryam Aamer

Class Representative 3rd year BDS:
Mr. Hafiz Umar Sardar

Class Representative Final year BDS:
Ms. Aaiza Javed



DEPARTMENTS AND FACULTY



DEPARTMENT OF MEDICAL & DENTAL EDUCATION

The department of Medical and Dental Education (DME) is the hub of all curricular activities at the Shifa College of Dentistry. DME is actively involved in curriculum planning and oversees various aspects of curricular delivery, assessment, student training, educational research, and scholarship. The department also has a well-developed faculty development program which is meant to assist the faculty in improving their teaching and aid in continuing professional development.

The department has three qualified educationists who strive to improve the quality of training of our students by developing innovative teaching and learning strategies, ensuring quality assessment processes, monitoring evaluations and feedbacks from faculty and students and periodically reviewing the curriculum in order to meet the increased expectations of society and produce truly professional dental graduates in line with the mission of Shifa College of Dentistry.

FACULTY MEMBERS

Dr. Laila Shakeel Abbasi | Assistant Professor | BDS, MHPE



Dr. Laila Shakeel Abbasi graduated from Army Medical College, NUST in 2013 with two gold medals, one silver medal and three academic distinctions. She did her Master's in Health Professions Education (MHPE) from Riphah International University in 2021. Her work involves active contribution in the development, implementation and review of undergraduate BDS curriculum along with bringing innovations in teaching and learning experiences of our students at Shifa College of Dentistry. She also actively works on faculty development and quality assurance activities at SCD. Her current area of interest in research is the development of dental curriculum and the changes needed in its improvement according to emerging trends. Apart from her roles in medical education department, is also advisor academic and student affairs, where she oversees all activities of the student affairs department SCD.

Dr. Taliya Sajjad | Senior Lecturer | BDS, MHPE



Dr. Taliya Sajjad is a graduate of CMH Lahore Medical College, Institute of Dentistry. She graduated in the year 2016. She has completed her Master's degree in Health Professions education (MHPE) from Riphah International University in 2021. Her area of interest in research at present is the role of non-verbal communication strategies in teaching and learning. She is involved in the faculty development activities at the college as well as working on the curriculum for improvements and changes.



DEPARTMENT OF DENTAL MATERIALS

Located on the second floor, the department of dental materials is well-equipped with a furnished, spacious and well-ventilated laboratory. A variety of dental materials and necessary equipments are made available to the students in order to meet the contemporary education standards and facilitate knowledge at a professional level as well as build necessary research skills.

Separate top-of-the-line curing and de-waxing tanks are available for the processing of acrylic materials in the fabrication of dentures. A bench-top polishing unit as well as a hand-held micromotor is also available for the final refining and perfecting of appliances. Cast trimmers and dental vibrators are available for manipulation of dental plaster which is an essential part of the dental laboratory. The safety and precaution protocols are given special considerations; first-aid kit and other supplies required in the case of spillage and emergencies are present in the dental laboratory.



Dr. Abida Saleem | Associate Professor | BDS, MPhil (NUST), C –IMPLANT



Dr. Abida Saleem graduated from Nishtar Medical and Dental College in 2002 and was a position holder of her batch, with multiple distinctions during her course. She got C-implant certification from Pakistan Academy of Implant Dentistry in 2011. She did Postgraduation in Biomaterials from National Institute of Science and Technology (NUST) in 2013. She has been serving in the field of biomaterials/dentistry for past 18 years as researcher, academician, administrator, examiner and paper assessor at postgraduate and undergraduate levels in various renowned medical universities. She



a reviewer of different Dental Materials Journals.

FACULTY MEMBERS

Dr. Asfia Saeed | Assistant Professor | BDS, M.Phil. (AMC)



I am an Assistant Professor in the department of “Dental Materials”. I completed my Mphil (Dental Material) at Army Medical College, National University of Medical Sciences in 2018. I am actively involved in teaching undergraduate dental students about the basic properties, chemistry, and clinical applications of dental biomaterials. I have a great interest in designing research projects focusing on formulating new health care solutions to improve patient care and have published a number of articles in national and international journals.

Dr. Syeda Ridaa Fatima | Demonstrator | BDS, M.Phil. (AMC)



Dr. Syeda Ridaa Fatima is currently working as Demonstrator in the Department of Dental Materials at Shifa College of Dentistry, Shifa Tameer-e-Millat University, Islamabad since March 2022. She graduated in 2016 from Rawal Institute of Health Sciences in 2019. She completed her CHPE from Foundation University Medical College and got MPhil Degree in Dental Materials from Army Medical College (NUMS) in 2022. Working here at Shifa College of Dentistry has been a rewarding experience that has allowed her to learn the system and requirements of integrated learning with a research-oriented mind set.

Dr. Arif Ali Mirza | Demonstrator | BDS



Dr. Arif completed his BDS from University of Health Sciences, Lahore in 2020. He then went on to teach at HBS Medical and Dental College for one year. Since then he has honed a commitment to dental education, a passion for cultivating the next generation of dental professionals and the invaluable contributions they bring to our educational environment. He believes in being dedicated, bringing a warm and compassionate approach to patient care, and cultivating a drive for continuous learning.



DEPARTMENT OF COMMUNITY AND PREVENTIVE DENTISTRY

Community and Preventive Dentistry Department incorporates all facets of promoting health, prolonging life and preventing oral diseases in the population and their up-to-date knowledge in the students. It provides the future dentists with the skill sets necessary to care for a community as well as individuals within the community. Through our teaching program, research platform, and community service, we continue to meet this challenge. The purpose of teaching this program is to give students the concepts of Oral Epidemiology, Oral Health Promotion, Health Economics and Human behavior in the society as well as in the clinic, and determinants of Oral health and disease.



FACULTY MEMBERS

Prof. Dr. Shujaat Hasan Idris | Professor | BDS, MSc DPH (London), FICD (USA)



Dr. Shujaat qualified from Sardar Begum Dental college, Peshawar. He was promoted as Professor of Community and Preventive Dentistry in 2016, and has teaching experience of more than 15 years. He was nominated as a PMDC focal person and has the experience of coordinating various dental inspections. He has been serving as an advisor for Punjab Public Service Commission for the appointment of Dental Surgeons, Demonstrators and Assistant Professors since 2014. He has been working as an examiner for UHS Lahore, SZABMU Islamabad, DUHS Karachi. Apart from 15 publications, he is author and co-author for Pakistan's first text book of Community and Preventive Dentistry which is being taught at various institutes and universities across the country. He is currently working as Head of Department of Community Dentistry at Shifa College of Dentistry since January, 2020.



FACULTY MEMBERS

Dr. Zubair Nasir | Assistant Professor | BDS, MPH, CHPE



Dr. Zubair Nasir graduated from De'Montmorency College of Dentistry, Lahore in 2002. He completed his degree of Masters in Public Health at Armed Forces Postgraduate Medical Institute, UHS in 2011. He has 16 years of teaching experience in the subject of Community and Preventive Dentistry. He has worked as Assistant Professor of Community Dentistry and HOD at reputable institutes like MIHS, Islamic International Dental College and Dental Section Punjab Medical College, Faisalabad. He has worked in Al-Jauf, Kingdom of Saudi Arabia from 2014- 2019 as Dental Specialist and incharge of community health and school programmes. Apart from being a paper setter and examiner at UHS, Riphah and SZABMU, he also has "The Best Teacher Award" to his name at MIHS in 2006. Currently he is an Assistant Professor of Community Dentistry at Shifa College of Dentistry since December 2019.

Dr. Sara Khan | Demonstrator | BDS



Dr. Sara Khan graduated from Islamabad Medical and Dental College in year 2018 with distinction in Dental Materials. She has completed her housejob from Pakistan Institute of Medical Sciences Islamabad (PIMS). She has cleared her MDS part I Dentistry (2019). She is working as a Demonstrator in Department of Community Dentistry at Shifa College of Dentistry. She did her Masters in Health Professions Education (MHPE) from Shifa Tameer-e-Millat University Islamabad in 2023 and recently completed advance qualitative research course from SCN (STMU).

Dr. Humaira Anwar | Demonstrator | BDS, MSPH (Trainee)



Dr Humaira Anwar graduated from Islamic International dental college in 2019 .Now she is pursuing Masters of Science in Public Health (MSPH) from Health Services Academy .Currently she is working as a demonstrator in Community and Preventive Dentistry at Shifa College of Dentistry.

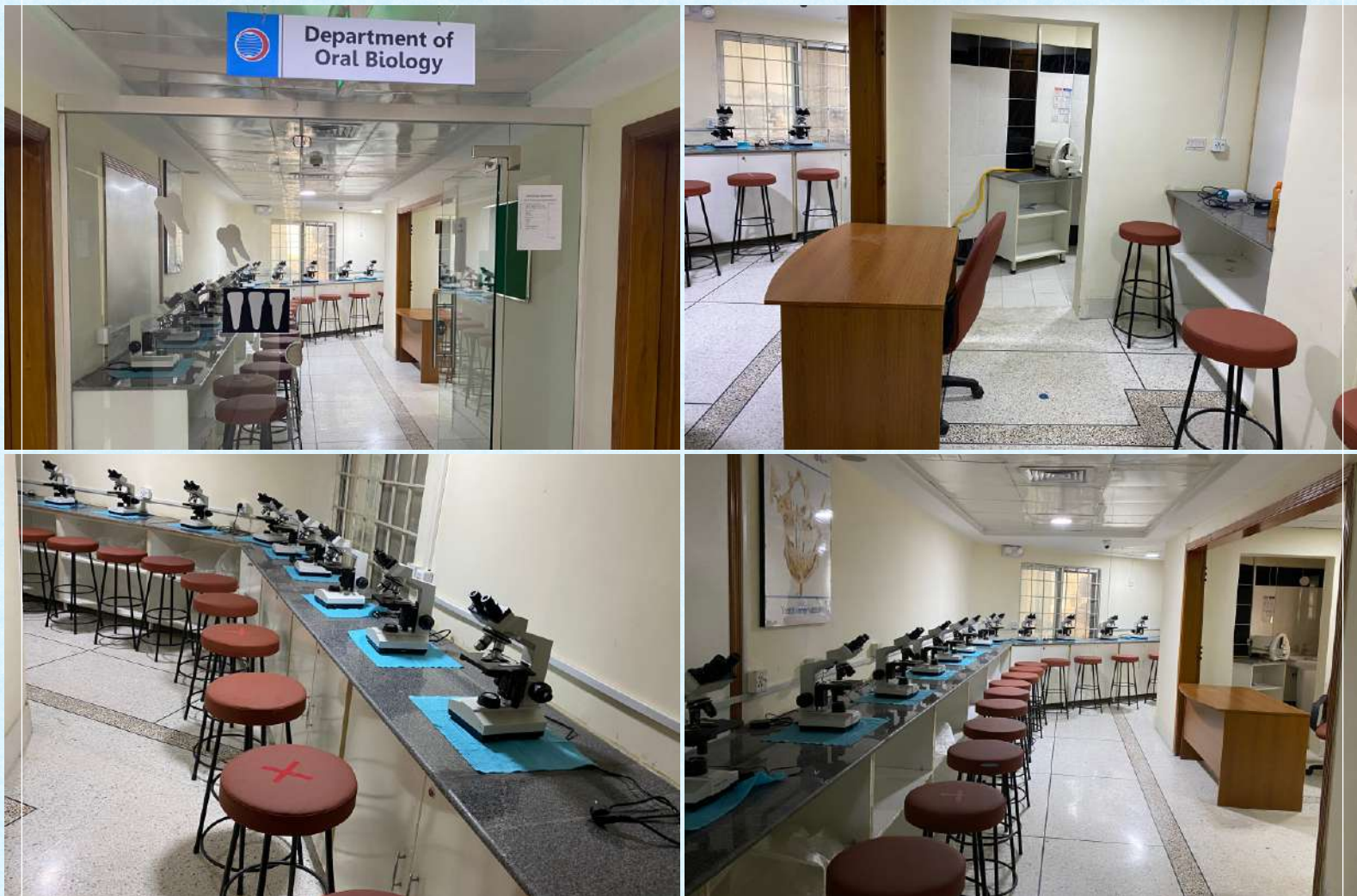


DEPARTMENT OF ORAL BIOLOGY

The department of Oral Biology in Shifa College of Dentistry provides undergraduate students with an educational foundation in the basic sciences, including knowledge of oral histology, anatomy of Oro-facial region, tooth morphology, oral physiology and biochemistry of oral fluids. The department collaborates with the clinical departments to integrate the preclinical problem-based learning courses with increased emphasis on active learning. The faculty is challenged to develop ingenious ways to present increasing amounts of information and convey it in the best possible way to the students.

Oral Biology Laboratory

Oral biology laboratory is equipped with the latest light microscopes, a multi-head microscope, study models of all types of dentition, arch moulds, single teeth moulds and model trimmers.



FACULTY MEMBERS

Dr. Nusrat Jabeen | Associate Professor | BDS, MSc (UK)



Dr. Nusrat passed her graduation with distinctions in different disciplines from Liaquat College of Medicine and Dentistry, Karachi. She completed Postgraduation in Oral Biology from Barts, Queen Mary University, of London with Merit. She has extensive knowledge in her subject and comprehensive teaching experience of 13 years. She has published 7 articles in well renowned journals.

Dr. Ambreen Khursheed | Assistant Professor | BDS, MPH



Dr. Ambreen completed her graduation with 3 medals from Ayub Medical College. Her post graduation is MCPS in Oral and Maxillofacial Surgery. She has a total teaching experience of 7 years and has 5 publications.

Dr. Areesha Ahsan | Demonstrator | BDS



Dr. Areesha Ahsan graduated from Fatima Jinnah Dental College Karachi. She worked as Dental surgeon at PIMS. Worked at private clinics and then joined Shifa College of Dentistry in 2019 as a faculty member. She did a course in Maximizing Aesthetic and Restorative Dentistry. Currently she is enrolled in MHPE program in Shifa Tameer e Millat University graduating in 2023.

Dr. Aymen Malik | Demonstrator | BDS



Dr Aymen is a compassionate young dentist working here at Shifa College of Dentistry in the Department of Oral Biology as a Demonstrator. She is a graduate of Foundation University College of Dentistry and Hospital in the year 2020, from where she completed her house job as well in the following year. She has 2 publications to her name. During her Bachelor's, she has done various certification courses including ACLS and BLS from American Heart Association (AHA). Currently she is working and learning here at SCD to polish her clinical and academic skills.



DEPARTMENT OF ORAL PATHOLOGY

The department of Oral Pathology of SCD is situated in the basement, providing extensive diagnosis of head & neck pathologies by taking it to a micro level. The aim is to inculcate knowledge and skills at an undergraduate level in comprehensive histopathological study. This will help students to diagnose and educate the next generation of leaders in Oral Pathology.

The faculty members of Oral Pathology department have advanced graduate and specialty training, providing a core of scientists whose leadership in research and education position them at the cutting edge of pathological examination and research. The laboratory technicians are also skilled to provide assistance in dedicated learning of Oral Pathology.

The Oral Pathology laboratory is equipped with state-of-the-art equipment which includes 9 high-powered microscopes along with one multi-head. It also boasts of latest technology for histopathological slide preparation, a first for an undergraduate dental college.



FACULTY MEMBERS

Dr. Amna Sarfaraz | Assistant Professor | BDS, M.Phil Oral Pathology, CHPE



Dr. Amna Sarafraz is currently working as an Assistant Professor in the Department of Oral Pathology at Shifa College of Dentistry, Islamabad. Formerly, she worked at Rehman College of Dentistry, Peshawar in the Department of Oral Pathology for three years. She is a graduate of Sardar Begum Dental College & Hospital, Peshawar & completed her post-graduation in 2018 with 4 publications to date. Topic of interest for research is Oral Squamous Cell Carcinoma.

Dr. Romaisa Arshad Khokhar | Senior Registrar | BDS, M.Phil



Dr. Romaisa graduated from Islamic International Dental College, Islamabad in 2015. She has completed her MPhil training from Armed Forces Institute of Pathology (NUMS) in 2018, bagging the best graduate award. Her thesis was nominated for the Best Thesis Award.

Dr. Waleed Babar | Demonstrator | BDS, M.Phil Oral Pathology, C-Implantology, C-Orth



Dr. Waleed Babar graduated from Islamic International Dental College, Islamabad in 2015 and later completed his house job from the same institute in 2016. Right after his house job, he did 6 months certification in Implantology from FUCD and one year certification in Orthodontics from ACHER and has been practicing as a general dentist since then. He joined the Oral Diagnostic Department of Islamic International Dental Hospital as a demonstrator in 2018 but left soon to start his M.Phil. in Oral Pathology from NUMS(AFIP). He has been working as a Demonstrator since July 2021.



DEPARTMENT OF ORTHODONTICS

The Department of Orthodontics of SCD is situated on the ground floor providing cutting edge techniques and comfort to train the future dentists and provide modern orthodontic (braces) care for all age groups. There are 9 imported dental chairs installed in the department. Adjacent to the Orthodontic clinic, there is a small well equipped orthodontic lab with all modern facilities.

The Orthodontic cephalometric tracing room is situated in the basement of the building. It is equipped with 17 x-ray illuminators which are integrated into the desks. The students of Orthodontics can also use the dental lab on the second floor which has further facilities for plasterwork and wax-up.

The department has modern Canon D Macro cameras for clinical photography. For Orthognathic surgery we have SAM-3 articulator and also for storage of photos and treatment planning we use the most sophisticated Dolphin software. The orthodontics Department is equipped with intraoral 3D scanner which eliminates the use of messy impression.



FACULTY MEMBERS

Prof. Dr. Anwar Ali Shah | Professor

BDS, PhD, FDSRCSEd, MOrthRCSEng, FFDRCSI, FDSRCSEng, Diploma Lingual Orthodontics



Dr. Anwar qualified from Khyber College of Dentistry in 1994 and was the best graduate of his session. He completed his PhD in Orthodontics in 2000 from the University of Sheffield, UK and passed his FDSRCS from the Royal College of Surgeons of Edinburgh in 2001. He was a faculty member in the dental schools of the University of Sheffield. He completed his MOrth from the Royal College of Surgeons of England and FFDRCSI from the Royal College of Surgeons in Ireland in Orthodontics in 2005. He passed his FDSRCS in Orthodontics from the Royal College of Surgeons of England in 2009. He is an accredited consultant Orthodontist in the UK and has registration with the General Dental Council. In addition to conventional Orthodontics, he is also trained in lingual/hidden braces.

Dr. Fazal Shahid | Assistant Professor | BDS, Msc, PhD



Dr. Fazal Shahid is currently working as Assistant Professor at Shifa College of Dentistry. He completed his Bachelor of Dental Surgery from Baqai Medical University in 2006. He was then certified by 3M Unitek in Prague, C-Orth by the Academy of Straight Wire and Dentofacial Orthopedics (USA) and also C-Orth by 3M Unitek. He completed his MSc in Orthodontics from Univeristi Sains Malaysia in 2016 and his PhD from the same University in 2020.

Dr. Shifat A Nowrin | Senior Registrar | BDS, MSc, PhD



Dr. Shifat A Nowrin is currently working as Senior Registrar at Shifa College of Dentistry. She graduated from Dhaka Dental College (University of Dhaka) in 2010. She then completed her MSc and PhD in Orthodontics from Universiti Sains Malaysia.

Dr. Syeda Rabbab Hasan | Assistant Professor | BDS, FCPS, CHPE



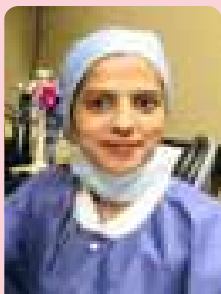
Dr. Rabbab is currently working as Assistant Professor in the Department of Orthodontics at Shifa College of Dentistry. She graduated from Khyber College of Dentistry in 2005 and was awarded a double gold medal for being the Best Graduate of Year 2004 and First position in Final Professional exam. She did her fellowship training from Islamic International Dental Hospital and attained FCPS Orthodontics in 2013. Since then she has been involved in undergraduate teaching as well as postgraduate teaching. She has a special interest in Medical Education. She did CHPE in 2020 and MHPE in 2023 from Riphah International University. Currently she is pursuing her

Dentistry from Shifa Tameer-e-Millat University Islamabad.



FACULTY MEMBERS

Dr. Saba Omer Khan | Assistant Professor | BDS, MS (USA), PhD (USA)



her MS and PhD studies.

Dr. Saba Omer is currently working as Assistant Professor at Shifa College of Dentistry. She completed her Bachelors in Dental Surgery from Liaquat College of Medicine and Surgery, Karachi University in 2006 and was awarded a double gold medal for being the best graduate and securing the first position among all dental colleges affiliated with Karachi University. She did her four-year fellowship training in Orthodontics at Islamic International Dental Hospital. She earned her Masters and PhD degrees from Auburn University, United States of America in 2021. She graduated with the “Graduate Marshal” title, for her exceptional academic, research, and leadership qualities during

Dr. Asma Javaid | Senior Registrar | BDS, FCPS



Bachelors in Dental Surgery from Khyber College of dentistry (2015-2016) Residency in Orthodontics at Sardar Begum Dental hospital Peshawar(2017-2021) Fellowship from College of Physicians and Surgeons in Orthodontics (2022) Special interest in Research, evidence based dentistry, Applications of AI in orthodontics and Aligners.

Dr. Alaina Tariq Mughal | Demonstrator | BDS, FCPS-Part II (Resident Orthodontics)



My passion for working with the community started when I was a dental student volunteering to teach kids under a social organization. I graduated from Islamic International Dental College (Riphah International University) in 2015 with distinction. Completed house job in the year 2016 from the same hospital. I was then hired at a private hospital (Zainab Hospital-Dental Clinic), where I worked for 2 years as a General Dental practitioner. In 2017, I also worked as a lecturer in Community Dentistry department at HBS Dental College for six months. Then in 2018, I joined the Armed Forces Institute of Dentistry (AFID, CMH-Rwp) as an FCPS-Part II Resident at department of Orthodontics and successfully completed my 4-year training period. My academic and clinical training provided me with a strong foundation and experience, and I enthusiastically carried out several research projects and published them at both national and international levels. I joined Shifa in April 2023 to work in a pleasant environment where I can contribute to the practice growth and would appreciate this opportunity to broaden my reach and knowledge.



FACULTY MEMBERS

Dr. Turab Fatima | Demonstrator | BDS, MFD-RCSI, DipPCD-RCSI, C-Ortho, C-Endo/Resto, C-Esthetics.



I graduated from IIDH in 2020. Currently, I'm employed as a Demonstrator in the Orthodontics department. In the three years since my graduation, I have cleared my MFD & DPCD exams from Royal College of Surgeons, Ireland. I have also done certification courses in Ortho, Endo/resto & facial esthetics.

Dr. Zainab Afzal | Demonstrator | BDS



Dr. Zainab Afzal is a graduate of Islamabad Medical and Dental College, 2018. She completed her house job from PIMS and cleared my FCPS Part1 & MDS Part 1, recently.



DEPARTMENT OF ORAL AND MAXILLOFACIAL SURGERY

Oral and Maxillofacial Surgery is a dental surgical specialty that deals with the surgical treatment of various diseases of the oral cavity, jaws and the face. It is one of the major clinical subjects of undergraduate clinical program and most of it is taught during the third and fourth year of BDS curriculum.

Oral and Maxillofacial Surgery department is the only clinical department in dentistry where patients are treated both in outpatient and in-patient settings. Outpatient care is provided at Shifa Dental Hospital, while indoor facilities are available at Shifa International Hospital, H8/4 Islamabad. Procedures performed in out-patient setting include; dental extractions, dental impactions, surgical aspects of dental implants, enucleation, incisional /excisional biopsies, surgical endodontics, basic management of fascial space infections and dental trauma. While patients presenting with maxillofacial fractures, maxillofacial pathological lesions, major temporomandibular joint disorders and oral cancers are managed in indoor settings.

Oral and Maxillofacial Surgery department is located on the first floor of Shifa College of Dentistry/Shifa Dental Hospital. It has highly qualified, well trained and experienced teaching faculty. The department is also equipped with state-of-the-art equipment, materials and facilities to provide best possible care to our patients while providing an academic environment and learning opportunities to our students.

Our objectives are; provision of best possible care to our patients, providing optimal academic environment to our students for effective teaching and learning, providing research opportunities to students and



FACULTY MEMBERS

Prof. Dr. Muhammad Israr | Professor | BDS, MSc, FDSRCS, FFDRCSI, Dip Manage RCSI



Prof. Dr. Muhammad Israr graduated from Khyber College of Dentistry in 1994. He then left for England and did MSc (Oral and Maxillofacial Surgery) from University of Sheffield, England in 1999. During his stay at Sheffield, he worked at Royal Hallamshire Hospital, Northern General Hospital, and Charles Clifford Dental Hospital in Sheffield, England. He cleared the FDS RCPS examination from Royal College of Surgeon, Glasgow, UK in 2000. Dr. Israr did his residency at Hull Royal Infirmary and Manchester Royal Infirmary, England from 1999 to 2003. In October 2003 he moved to Ireland and joined St. James Hospital, Dublin as a Senior Registrar. He was also awarded fellowships FFDRCSI (OSOM) in 2005 and FFDRCSI (OS) in 2006 from Royal College of Surgeons, Ireland. Prof. Israr also worked as Consultant Maxillofacial Surgeon at Galway University Hospital, Limerick General Hospital and Smile Dental Clinics, Dublin, Ireland. He also holds the license of General Dental in Council, UK and Irish Dental Council, Ireland. In 2015 he joined the Shifa International Hospital Islamabad and later in 2019, he became the Vice Principal of Shifa College of Dentistry and the Head of department of Oral and Maxillofacial Surgery.

Dr. Annum Zamir | Senior Registrar | BSc, BDS, FCPS (OMFS), CHPE



Dr. Annum Zamir is currently working as senior registrar in the department of oral surgery, Shifa college of dentistry. She did her BDS in 2014 from Khyber College of dentistry. After clearing FCPS-I in 2016 she did her 4-year training in the field of Oral and maxillofacial surgery from a tertiary care Hospital Hayatabad medical complex Peshawar. She cleared her FCPS-II in April 2021 and was selected as senior registrar in October 2021 in Shifa College of dentistry. She has also done BSc from Peshawar university in 2010 Currently she passed her CHPE from SZAMBU. She has teaching experience of 2 years. She also has number of publications to her name.

Dr. Ufaq Rao | Senior Registrar | BDS, FCPS(OMFS), MFD RCSI ,CHPE



Dr Ufaq Rao is a graduate of Islamic International Dental College (2015). After completing her house job (2015-2016) she joined Islamic International Dental Hospital for her FCPS postgraduate training (2017 -2021) in oral and maxillofacial surgery department. She cleared her FCPS-II in December 2021. She cleared her Membership from Royal college of surgeons Ireland (MFD RCSI) in 2022. She also completed her CHPE from Shifa Tameer -e- Millat University in 2023. She has been working and serving with full dedication at Shifa College of Dentistry in oral and maxillofacial surgery department.



FACULTY MEMBERS

Dr. Anum Wajid | Demonstrator | BDS, FCPS



Dr. Anum Wajid has done BDS from Khyber College of dentistry in 2015. She cleared her FCPS-I in year 2017 in dentistry. She has completed her four years training in Oral and maxillofacial from Khyber College of dentistry. She joined Shifa College of dentistry in 2022 as demonstrator. She also has number of publications to her name.

Dr. Madeeha Gul | Demonstrator | BDS, FCPS (training)



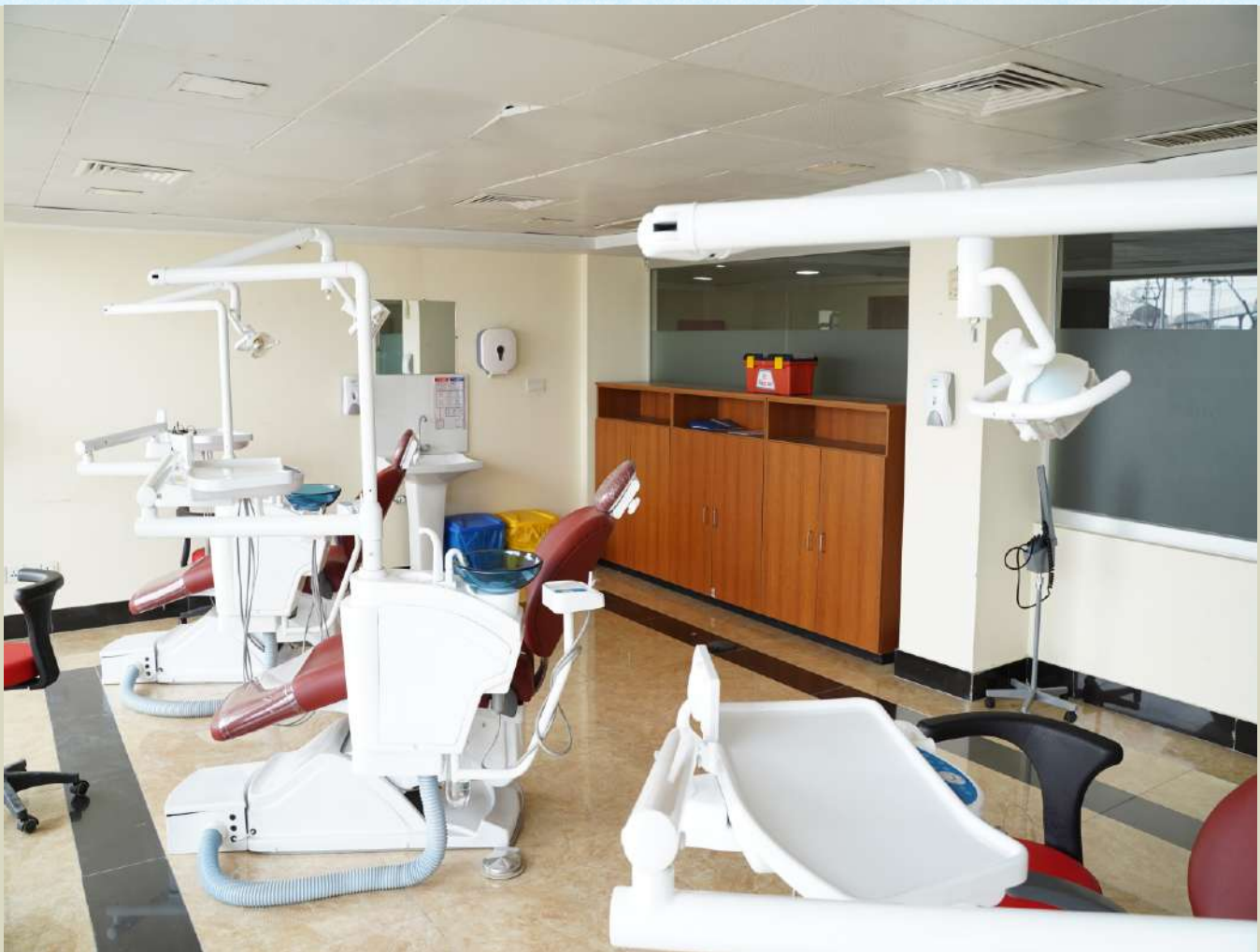
Dr. Madeeha Gul has done BDS from Khyber college of dentistry in 2017. She has done her house job in 2018. She cleared her FCPS I in 2018. She has completed her 4-year training in Oral and Maxillofacial Surgery in June 2023 from LRH. She joined Shifa college of dentistry in 2023 as Demonstrator. She is well trained in Maxillofacial Surgery.



DEPARTMENT OF ORAL MEDICINE

The department of Oral medicine/Oral diagnosis at Shifa College of Dentistry is located on the ground floor. It is equipped with three dental units and all the facilities that are required to investigate, diagnose diseases and also includes non-surgical management of the diseases of the orofacial region such as; orofacial pain, oral manifestations of systemic diseases, salivary gland disorders, and the management of medically compromised patients with oral health issues.

The department of Oral Medicine at Shifa College of Dentistry is committed for providing relentless services through prompt diagnosis, referrals and emergency patient care. Our vision is to equip our students with professional excellence and integrity in living, learning, and practicing with the highest ethical and clinical standards.



FACULTY MEMBERS

Dr. Rabia Noreen | Assistant Professor | BDS, FCPS



Dr. Rabia Noreen has done her Bachelor of Dental Surgery from Khyber College of Dentistry Peshawar in 2009. She completed her FCPS (Oral & Maxillofacial Surgery) training in 2015 and cleared her FCPS in 2017. She then served as District Specialist for two years. She is also a member of Pakistan Association of Oral & Maxillofacial Surgeons (PAOMS).

Dr. Sahd Rashid | Assistant Professor | BDS, MDS, CHPE



Dr. Sahd Rashid completed his Master of Dental Surgery (MDS) 2015 in Oral and Maxillofacial Surgery and achieved BDS qualification from Sardar Begum Dental College and Hospital in 2008. Currently working as Assistant Professor in the department of Oral Medicine at Shifa College of Dentistry, Islamabad. Formerly worked as Senior Registrar at Rehman College of Dentistry, Peshawar for over 4 years.

Dr Shumaila Basit | Demonstrator | BDS, C-Ortho, MSc Oral Medicine



Dr Shumaila Baist is working as Demonstrator in the Department of Oral Medicine SCD.

Dr. Mariam Fatima | Demonstrator | BDS, MDS (OMFS)



Dr Mariam Fatima is working as a Demonstrator in the Department of Oral Medicine SCD.



DEPARTMENT OF PAEDIATRIC DENTISTRY

The department of Paediatric Dentistry is located on the ground floor of Shifa College of Dentistry and Hospital. We take pride in treating children in a child friendly and approachable manner holistically and in the child's best interest.

We provide comprehensive dental care for children including caring for children with intellectual, medical, physical, physiological and/ or emotional problems. Treatment is provided under local anesthetic, sedation (reversible happy gas) and general anesthetic. Emergency and long term treatment of children with trauma to teeth and oral soft tissues is also provided. Our aim is to train our future generation dentists to do the same and to have a sound evidence based practice. Our department has a separate executive room to deliver treatments under inhalation sedation.

The main department consists of three units where we treat children coming to the hospital. We also offer treatment of children under general anesthesia and the facility for that is located at Shifa International Hospital.



FACULTY MEMBERS

Dr. Laila Mustafa | Assistant Professor | BDS, MPEad Dent RCSEng, MPEad Dent RCSEd, MClintDentPaediatric Dentistry (QMUL), PG Dip Paediatric Dentistry (QMUL)



Dr. Laila qualified from Khyber College of Dentistry in 2003. She completed her MClintDent (Masters in Clinical Dentistry) Paediatric Dentistry in 2015 from Queen Mary University of London, UK and then passed her PG Dip (Advanced specialist training post graduate diploma) in Paediatric Dentistry in 2016 from Queen Mary University of London. She then went on and passed her MPEad Dent from Royal College of Surgeons of Edinburgh and Royal College of Surgeons of England in 2017. She is the first MPEad Dent (which is a major qualification in Paediatric Dentistry) in Pakistan.

Dr. Sara Rehman | Assistant Professor | BDS, MSc., MDS, MPaed Dent (RCSEd, RCS Eng, RCS Glasgow)



Dr. Sara graduated from Altamash Institute of Dental Medicine in 2010 and completed her house job from PIMS in 2011. Over the next few years, she completed a one-year post-graduate degree in Paediatric Dentistry from New York University-College of Dentistry, followed by an MDS in the same subject from Hong Kong University in 2018. She gained the Diploma of Membership in Paediatric Dentistry (MPaed Dent), a tri-collegiate membership run by the RCSEd, along with RCS England and RCS Glasgow, in the same year and has since been working at a private practice in Islamabad.

Dr. Marjan Amjad | Demonstrator | BDS



Dr Marjan Amjad has done her bachelors of dental surgery from Riphah International University. Currently she is pursuing her Masters in Health Professions Education and working as demonstrator in Paediatric Dentistry Department

Dr. Maira Mansoor | Demonstrator | BDS



I graduated from Foundation University College of Dentistry and Hospital in May 2021 and completed my house job from the same institution in May 2022. I have been among the best graduates, Gold Medallist and a distinction holder of my college. Also working on various research projects and planning on excelling further in the field of paediatric Dentistry. I have worked as an intern in a private dental clinic for 6 months prior to joining Shifa College of Dentistry as a demonstrator in March 2023.



DEPARTMENT OF PERIODONTOLOGY

The department of Periodontics at Shifa College of Dentistry is located on the first floor of the Hospital. It is a large-scale facility for Islamabad/Rawalpindi offering treatment of complex periodontal diseases and aesthetic problems related to gums. The department is conducting an undergraduate teaching program under the auspices of Shifa Tameer-e-Millat University providing hands-on learning experience to the undergraduates.

The department is fully equipped with 15 dental chair and capable of practicing advanced clinical & micro-surgical procedures at tertiary level. There is a separate radiology room adjacent to the department which is equipped with DIGORA system for advanced digital radiography.



FACULTY MEMBERS

Dr. Sadia Musharraf | Assistant Professor | BDS, MCPS Periodontics, CHPE



Dr. Sadia is a graduate of De'Montmorency College of Dentistry, Lahore and was a position holder of her batch. She completed her MCPS training in Periodontics in 2016 from Khyber College of Dentistry and passed her exam the same year. She headed the Periodontology Department at Foundation College of Dentistry, Islamabad for two years, where she also completed her CHPE certification in 2018. She is currently working as an Assistant Professor in the Department of Periodontics at Shifa College of Dentistry. Her areas of interest are management of periodontal diseases and conditions including both the non-surgical and surgical procedures. She actively participated in the development of Integrated curriculum and assessment at Shifa College of Dentistry. She oversees the implementation of infection control protocols and policies in the hospital.

Dr. Sadaf Saeed Awan | Assistant Professor | BDS (Gold Medalist), FCPS (Periodontology & Implantology)



Dr. Sadaf is currently working as an Assistant Professor in the Periodontology Department at Shifa College of Dentistry. She graduated as Best Graduate from Ayub Medical College (Dental Section) in 2016 and was awarded with 17 Gold medals for securing first position in all professional years during session 2012-2016. She did FCPS I and got inducted in specialist training of Periodontology & Implantology, CPSP at Khyber College of Dentistry/Rehman College of Dentistry Peshawar, which is a rare and emerging speciality. She cleared FCPS II in March 2023. She has been trained in various aspects of periodontal procedures like management of complex periodontal cases, preprosthetic procedures, smile enhancement surgeries, periodontal plastic procedures and dental implants. Her main interest are periodontal plastic procedures , aesthetic periodontal procedures and dental implant procedures.

Dr Mashal Amir | Assistant Professor/Consultant Periodontist and Implantologist | FCPS, BDS



Dr Mashal Amir is currently working as an Assistant Professor/Consultant Periodontist at Shifa College of Dentistry Islamabad. She graduated from the prestigious Khyber College of Dentistry (KCD) in 2017. She completed her internship in the same institute. Later on in 2019, she opted for Post Graduate Residency Programme in Periodontology and Implantology under the Umbrella of College of Physicians and Surgeons Pakistan (CPSP) at Khyber College of Dentistry.

During her professional training she acquired the important and basic surgical skills related to field of Periodontology and Implantology. She has the privilege to clear her FCPS exit exam in the very first attempt during the year 2023. She also has special interest in the field of research and has 3 published articles in National Journals. She believes in work ethics, professionalism, multidisciplinary team approaches, research methodologies, teaching of both undergraduate and post graduate and clinical skills



d to the field.

FACULTY MEMBERS

Dr. Waleed A Ismail | Senior Registrar | BDS, MSc (Malaysia)



Dr. Waleed graduated from Islamic International Dental College, Islamabad in 2015. He has completed his MSc in Periodontology from University Sains, Malaysia.

Dr. Bilal Ahmad Butt | Demonstrator | BDS, C-Restorative Dentistry, C-Implantology



Dr. Bilal has done his Bachelors in Dental Surgery from Foundation University College of Dentistry in 2020 and completed his house job by May 2021, during which he attended various long courses in Restorative and Implant Dentistry as well as completing the first part of the membership exam of the Royal College of Surgeons of England (MFDS RCS). He joined Shifa College of Dentistry in September 2021 and is currently working as a demonstrator in the Department of Periodontics.

Dr. Qurrattulain | Demonstrator | BDS



I'm Dr. Qurrattulain and I'm currently working as a Demonstrator in Periodontics Department in Shifa College of Dentistry. I have done my graduation from FUCD in 2019 and completed my house job from FUCD in 2021. I enjoy being a dentist and I am committed to providing excellent dental health care in a professional and friendly manner.

Dr Rameen Anjum | Demonstrator | BDS



Dr. Rameen graduated in 2021 from Foundation University College of Dentistry. She completed her house job in 2022 from her alma mater, during which she participated in numerous short courses and community outreach programmes to further hone her skills. After her house job, she gave the INBDE and rotated in clinics in the US to learn more about their system and their protocols. She is currently working as a Demonstrator in the Department of Periodontology and hopes to use her skill set to help young minds explore new avenues.



DEPARTMENT OF OPERATIVE DENTISTRY & ENDODONTICS

The Department of Operative Dentistry & Endodontics at Shifa College of Dentistry is situated in the basement providing all the necessary and latest dental treatment including dental restorations, root canal treatments, dental bleaching and veneers for all age groups. There are 19 imported dental chairs installed in the department. The department has its own reception area and waiting area in the basement.

Students of second year BDS practice pre-clinical Operative Dentistry & Endodontics on phantom heads in the skills lab. The skills lab is situated on the second floor and has 25 simulation units.

The third and the final year BDS students are provided closely-supervised clinical exposure and training on patients in the of Operative Dentistry & Endodontics department.



FACULTY MEMBERS

Dr. Saeeda Abdullah | Associate Professor | BDS, MCPS, FCPS



Dr. Saeeda Abdullah graduated from Khyber College of Dentistry Peshawar. She worked as a dental surgeon for two years and four months in Paediatric Dentistry at Children's Hospital, PIMS. She completed her training at PIMS and passed MCPS (Family Dentistry). She completed her FCPS training at PIMS and got fellowship from College of Physician & Surgeon Pakistan (CPSP) in 2007. She worked as Head of Department (Assistant professor) at Margalla Institute of Health Sciences in Rawalpindi for two years. After that she served at PIMS for three years. She is the Examiner and Supervisor of College of Physicians & Surgeons, Pakistan since 2011. Her interest is in research work and is affiliated with Pakistan Oral & Dental Journal (International Journal) as Assistant Editor. She is currently working as Associate Professor at Shifa College of Dentistry, Islamabad.

Dr. Asfand Ali Khan | Assistant Professor | BDS, MFDS RCSEd, MClintDent (Malaysia), M Endo RCSEd



Dr. Asfand Ali Khan graduated from Khyber College of Dentistry in 2010 and has been a member of the faculty of Dental Surgery of The Royal College of Surgeons of Edinburgh (MFDS RCSEd) since 2014. He obtained his specialist degree in Restorative Dentistry (MClintDent) from University of Malaya, Malaysia in 2017, where he later became part of the faculty as a senior lecturer and undergraduate endodontic program coordinator. He received his specialist membership in Endodontics from The Royal College of Surgeons of Edinburgh (M Endo RCSEd) in 2018 and is an Examiner for the Restorative Specialty Membership Examination (M Endo, M Pros & M Perio) conducted by the Royal College of Surgeons of England. Dr. Asfand is a Reviewer for European Endodontic Journal and Annals of Dentistry and a member of Malaysian Endodontic Society. He has 11 research articles published to his name and has conducted several workshops, lectures and webinars internationally. His current areas of interest include metallurgy of endodontic instruments, root canal morphology and management of separated endodontics instruments.

Dr. Nabiya Shahroz | Assistant Professor | DS, MClintDent Restorative Dentistry (UK)



Dr. Nabiya Shahroz graduated from Islamabad Medical and Dental College. She went for her further studies to the UK, where she pursued MClintDent in Restorative Dentistry from Newcastle University. She is currently working in the Operative and Endodontics Department in Shifa College of Dentistry and is also our senior consultant running private evening clinic at Shifa College of Dentistry. She has a number of national and international publications to her name.



FACULTY MEMBERS

Dr. Sara Bano | Senior Registrar | BDS, FCPS Operative Dentistry & Endodontics, CHPE



Dr. Sara Bano graduated from Nishtar Institute of Dentistry, Multan in 2013 with a bronze medal. She completed her FCPS training from the Armed Forces Institute of Dentistry, Rawalpindi (2016-2020) and passed her FCPS Operative Dentistry and Endodontics in 2021. She has acquired CHPE and has a teaching experience of more than 3 years, working at well-known dental institutes of Islamabad.

Dr. Amna Moghal | Demonstrator | BDS, FCPS Operative Dentistry & Endodontics



Dr Amna Moghal is a graduate of Army Medical College(2015). After completing her housejob from Armed Forces Institute of Dentistry (2016-2017). She joined PIMS Hospital for her FCPS Postgraduate training in Operative Dentistry Department. She cleared her FCPS-II in December 2022. She has been working at Shifa College of Dentistry in Operative Dentistry and Endodontics Department since April 2022 and has been serving the department and the hospital with full dedication.



DEPARTMENT OF PROSTHODONTICS

The department of Prosthodontics of SCD is situated on the first floor providing technology at the frontiers of knowledge encompassing the replacement of what has been lost within the paradigm of maxillofacial region and at the same time yield comfort to train the future dentists and deliver modern prosthodontics care for patients of all age groups.

On the second floor, two well-equipped prosthodontic laboratories are situated with all modern facilities. They are providing a vital backup support for our clinical department for fabrication of various prosthesis, their modification, as well as repair. Our Ceramic Laboratory provides the services of metal casting as well as porcelain firing in addition to polishing and glazing facilities. The end products are usually All-Ceramic, All-Metal and Porcelain fused to Metal (PFM) crowns as well as bridges. Fixed prosthesis over the implants-abutment complex and the cast partial dentures are other state of the art services that we receive in our department from this laboratory. The Prosthodontics/Acrylic Laboratory covers a range of laboratory steps that are involved in fabrication of removable prosthesis such as complete as well acrylic/interim partial dentures. These include wax up on model and wire work for acrylic partial denture, for example, as well as methacrylate resin manipulation techniques. Other than these two laboratories, we have a plaster room where model pouring, articulation and process of curing is undertaken for complete dentures, acrylic based/interim partial dentures as well as maxillary and mandibular defect prosthesis. This room is also shared with the department of Science of Dental Materials so that students may carry out the practical exercise pointed out in the curriculum of that subject. Ample quantity of various categories of material is available for student's activities such as: model pouring materials (gypsum, soft plaster and hard plaster), denture base materials (heat cure and self-cure acrylic resin) etc. so that no deficiency is left for student's learning objectives.



FACULTY MEMBERS

Dr. Aysha Sadaf | Associate Professor | **BDS (Gold Medalist), FCPS, ICMT (University of Liverpool), CHPE(STMU), FCR(Harvard Medical School, USA), Phd Scholar**



Dr. Aysha Sadaf is currently leading the Department of Prosthodontics at Shifa College of Dentistry. She is also associated Aluminus of Harvard Medical School USA. She has 11 Years of clinical and academic experience . She has worked internationally in a JCI Accredited Hospital KSA for 8 years and worked as senior faculty member in the most prestigious college of Pakistan, De'Montmorency College of Dentistry. She has represented Pakistan in many international conferences as a researcher. Currently she completed her" Foundation of clinical research" certification from Harvard Medical School, USA and she is pursuing PhD Dentistry.

Dr. Ali Waqar Qureshi | Assistant Professor | **BDS (UHS), FCPS (AFID), CHPE (Riphah)**



Dr. Ali Waqar Qureshi qualified from University of Health Sciences (UHS), affiliate institute of Lahore Medical & Dental College (LM&DC), Lahore in 2010. He completed his FCPS in Prosthodontics in 2018 from the Armed Forces Institute of Dentistry (AFID), Rawalpindi accredited with the College of Physicians and Surgeons Pakistan (CPSP), Karachi. Prior to his present appointment as Assistant Professor of Prosthodontics at Shifa College of Dentistry, Shifa Tameer-e-Millat University, Islamabad since January 2020, he was a faculty member in the department of Prosthodontics at Margalla Institute of Health Sciences (MIHS), Rawalpindi presently affiliated with UHS, Lahore and Rawal Institute of Health Sciences (RIHS), Islamabad affiliated at that time with Bahria University, Islamabad. In order to further enhance the teaching skills in healthcare education, he acquired a Certification in Health Professional Education (CHPE) from Riphah International University, Islamabad in November 2020. Apart from being an accredited consultant of prosthodontics, registered with the Pakistan Medical & Dental Council (PM&DC), he has mastered not just the conventional prosthodontics, but has also become proficient in CAD/CAM and implant dentistry. His areas of interest include: Maxillo-facial Prosthodontics, prosthodontic management of Temporo-mandibular joint disorders (TMDs), and Digital Dentistry. He has delivered lectures and conducted workshops at some national platforms accredited by an established and a high ranked university. He has been involved in organizing some international as well as national conferences and has also participated in several conferences, symposia and seminars to date.

Dr. Adnan Sunny | Senior Registrar | **BDS, FCPS**



Dr. Adnan Sunny graduated from Ayub Medical College Abbottabad in 2013 and was gold medalist during his session. He remained an house officer in Ayub Teaching Hospital in 2014 and demonstrator in Paramedic Institute of Medical Technology Abbottabad in 2015. Cleared FCPS 1 in 2016 and got inducted as TMO Prosthodontics in Peshwar Dental College (2016-2020). In 2020 he was accredited from Harvard Medical School(USA) on Covid19. He passed FCPS 2 Prosthodontics in 2021. Currently working as Senior Registrar in Prosthodontics.

FACULTY MEMBERS

Dr. Rida Zulfiqar | Demonstrator | BDS



Dr. Rida Zulfiqar graduated from Islamabad Medical and Dental College in 2018. She did her house job from the same institute. She worked in private clinics and then joined Shifa College of Dentistry as Demonstrator in Prosthodontics. In addition, she did a course in “Clear Path Orthodontics”.

Dr. Danish Bin Sattar | Demonstrator | BDS



Dr. Danish Bin Sattar is an accomplished graduate who is working as a Demonstrator in the Department of Prosthodontics at Shifa College of Dentistry (SCD), Islamabad. With a keen eye for detail, he is committed to provide the highest level of patient care. He brings a wealth of experience to the dental practice and is well-versed in the latest techniques and technologies in the field. He is also a motivated and hardworking dentist who is dedicated to advancing his skills and knowledge in a dynamic dental environment. His enthusiasm and open-minded approach makes him a valuable asset to the department and the profession as a whole.

Dr. Nadia Sikandar | Demonstrator | BDS



I have done my Graduation and Housejob from Margalla Institute of Health Sciences. I did C-endodontics .I had been working in private hospital for more than two years . Currently , I'm working as a Demonstrator in Prosthodontics department at Shifa College of Dentistry.

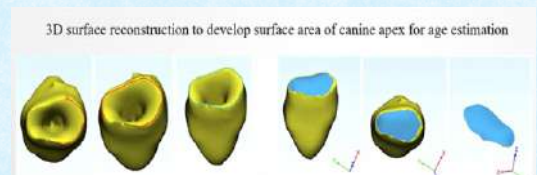
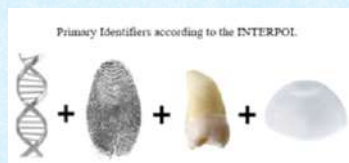
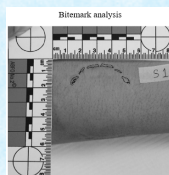


DEPARTMENT OF FORENSIC DENTISTRY

Forensic odontology is defined by the World Dental Federation (FDI) as: "A branch of dentistry that deals with the proper handling and examination of dental evidence and with the proper evaluation and presentations of the dental findings in the interest of justice". Forensic odontology is the application of dental knowledge in implementing the legal justice system. Its study and practice encompasses the basic dental science, the changes and traumatic injuries on teeth (including the surrounding tissues) during and after life, the changes on objects when subjected to the dental force and also investigation into fraud or dentolegal cases involving the practising dental surgeons. Dental identification is one of the primary identifiers as per the INTERPOL guidelines for the identification of unknown individuals. Forensic dentists may also be asked to assist in determining age, race, occupation, previous dental history and socioeconomic status of unidentified human beings. They play an integral part in the identification and age estimation during mass disasters such as earthquake, tsunamis and aviation disasters. Forensic Odontologist can also assist in the bite mark analysis during criminal investigations. Forensic Odontology is an emerging speciality in Pakistan and Shifa College of Dentistry is among few dental institutes in the country which has established the department of Forensic Odontology to introduce this speciality both at undergraduate and postgraduate level.

Facilities / Services

- Disaster Victim Identification (DVI)
- Investigation and interpretation of bite marks and lip prints
- Dental identification and profiling
- Three-dimensional (3D) image analysis of dental structures.
- Sex and race determination of an unknown body
- Determining legal significance of dento-maxillofacial trauma
- DNA analysis from dental tissue and saliva
- Age estimation of fetus, children, juveniles and adults
- Advance research using 3D imaging modalities
- Investigation of dental fraud or malpractise.



Dr. Muhammad Khan Asif | Assistant Professor | BDS, CHPE, MDS (Malaysia), PhD (Malaysia)



Dr. Muhammad Khan Asif is a consultant Forensic Odontologist, Assistant Professor and Head of Research & Forensic Odontology Department. He is the Chairman of the Shifa College of Dentistry Research Board (SCDRB). He was awarded a PhD degree in Forensic Odontology with DISTINCTION and University of Malaya Excellence award from the University of Malaya, Malaysia. He did his Master's degree in Forensic Odontology with DISTINCTION in 2018 from the University of Malaya, Malaysia. He completed his bachelor's degree (BDS) from Sardar Begum Dental College (Gandhara University) in 2012. He has also been awarded a certification in Health Profession Education (CHPE) from Khyber Medical University Peshawar. He is also a

member of Kenyon International Emergency Services (USA) and Association of Forensic Odontology Human Rights (AFOHR) (Italy). He is one of the few Forensic Odontologists in Pakistan and above all, he is the first Forensic Odontologist with a PhD degree in Oral and Maxillofacial Forensic Imaging in South Asia. He has published 21 research articles in an Web of Science Indexed journals with high impact factor. He is specialised in Fetal, Child and adults' dental identification and age estimation. He is specialised in CBCT image analysis and other 3D modeling software like MIMICS, 3-matics, Simplant.



DEPARTMENT OF ANATOMY

The discipline of Anatomy is vital for studying the gross, microscopic and developmental structure of human body. The department of Anatomy is committed to impart the best undergraduate dental training. The basis of gross anatomy is taught and learned in the purpose-built dissection hall provided with mortuary with a capacity of 16 cadavers. Besides this there are prosected specimens, dry skeleton and models to study the regional anatomy. The dissection hall is also provided with the multimedia for demonstration of gross anatomy videos and power point presentations. The microscopic structure of tissues and organs is studied at our well-equipped histology lab. The students explore the microscopic details of the tissue sections on light microscope. Besides this there is a multihead microscope connected with close circuit TV camera for teaching the fine details of the tissue. The students also learn from histology models of different basic tissues of body placed in the histology lab. The developmental Anatomy is concerned with the study of development of human being from single cell to multicellular organism. The Anatomy museum is provided with specimens and models depicting the different stages of development of human embryo and fetus. All these facilities help the students in understanding the basis of anatomy and application of anatomical knowledge to the clinical cases encountered in the clinical years.



FACULTY MEMBERS (SCM)

Prof. Dr. Aisha Rafi | Professor | MBBS, FCPS



Dr. Aisha Rafi is a graduate of Rawalpindi Medical College. She did FCPS Anatomy from College of Physicians and Surgeons Pakistan. She has ten publications on her credit and currently she is working at Shifa College of Dentistry (SCD).

Dr. Komal Masood | Demonstrator | MBBS



Dr Komal Masud is a graduate of Islamabad Medical and Dental College. She is currently working as a Demonstrator in the Anatomy Department at SCD.

Dr. Anam Rafique | Demonstrator | MBBS



I am a demonstrator in Anatomy Department of SCD. I believe in teaching my students to the best of my capabilities and also teach them ethics and morals, that help them integrate in the society as responsible individuals. Through teaching, I've found an outlet to help the individuals of my community in their personal and professional growth.



DEPARTMENT OF BIOCHEMISTRY

The Department of Biochemistry is committed to provide an academic program of the highest quality that is comparable to international standards. Our aim is to train students in Clinical Biochemistry, Clinical Genetics and Molecular Biology. At our college, Biochemistry has been integrated with other disciplines of Basic Medical Sciences to help students learn the subject with clinical relevance. This not only motivates the students to learn the basic concepts of Biochemistry but also makes it easier for them to remember what they have learnt. We have introduced Molecular Medicine in our modules to teach disease pathogenesis at the molecular level with an emphasis on how current innovations in molecular biology are being used for disease diagnosis, treatment, and prevention. Our subject is covered in relevant system-based modules using various diverse educational tools that stimulate the intellectual curiosity of the students. The teaching techniques primarily include small group discussions, lectures, case presentations, large group interactive sessions and problem-based learning. Dialogue and interaction between the faculty and students are an integral part of these sessions. We encourage our students to think independently and express themselves in small group sessions as well as in class presentations. We have highly qualified and competent faculty having PhD and MPhil degrees and research experience from reputable universities. To strive for excellence in education i.e. teaching and research, our faculty has produced many research publications in journals of international repute. Department of Biochemistry also houses, Prof. Syed Qamar Alam Library which has large number of Reference books and journals in Biochemistry and Nutrition. We also have state of the art research facility i.e. Prof. Syed Qamar Alam research laboratory, which has a High-Performance Liquid Chromatography (HPLC) system with diode array detector as well as Gas Chromatography (GC) system. A PCR laboratory is also functioning for conducting molecular and biochemical research.



FACULTY MEMBERS (SCM)

Dr. Afrose Liaquat | Associate Professor | MBBS, M.Phil, PhD, MHPE



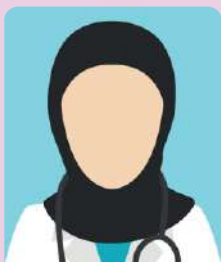
Dr. Afrose Liaquat is a graduate of Army Medical college. She has done M.Phil in Reproductive Physiology with research on Male infertility from Quaid-e-Azam University, Islamabad. She then pursued her PhD in Molecular biology/Biochemistry with research on genetics of Cardiovascular disorders from Quaid-e-Azam University Islamabad. She has been working in the integrated modular system of medical teaching in Shifa for the last 5 years and has been a part of the team in developing integrated modular curriculum for dentistry. She has multiple ongoing research projects with undergraduate and post graduate students.

Dr. Shaheena Khan | Demonstrator | MCPS (FM), MBBS, RMP



A graduate of YMDC, in 2015. She is currently working as a Demonstrator in Shifa College of Medicine.

Dr. Khansa Shafiq | Junior Instructor | MBBS, RMP, FCPS PART 1 (Medicine)



She graduated from Fatima Jinnah Medical University in 2020 and has cleared her FCPS Part 1 in medicine. She is currently working as a demonstrator in Shifa College of Medicine.



DEPARTMENT OF PHYSIOLOGY

Human Physiology deals with the study of functions and mechanisms working within the organ systems. The subject of Physiology is being taught in the first year of undergraduate BDS course at Shifa College of Dentistry. The subject is being taught in an integrated modular curricular system where the function of a system is taught in correlation with the structural details (Anatomy) and biochemical aspects (Biochemistry) along with lateral and horizontal integration with other subjects. The Department of Physiology has been striving to impart high-quality basic education to its Medical and Dental students. The goal is to help students develop the ability to think critically and apply basic principles of Physiology to solve problems related to health and disease in Pakistan and to train them as competent physicians and researchers for tomorrow.

The Department of Physiology is a shared department imparting education to medical as well as dental students and is located in the premises of Shifa College of Medicine, STMU. Physiology laboratory is well equipped with the latest and modern apparatus and instruments like Power lab, Spiro lab, Spirometer, Binocular microscopes, Ophthalmoscope, Perimeter, PEF meter, Centrifuge, ECG machine etc. The laboratory is also provided with overhead projector and multimedia facilities to help students benefit maximally from the experimental work.

The Department is also recognized for postgraduate FCPS training in Physiology with the mission to promote and establish a research environment, which is conducive to learning and creating new knowledge.



FACULTY MEMBERS (SCM)

Dr. Khurram Irshad Qureshi | Associate Professor | MBBS, FCPS, MHPE



Dr. Khurram Irshad Qureshi is a graduate of Nishtar Medical College, Multan. After completing house job, he joined Islamic International Medical College in the department of Physiology. In February 2000, he joined Shifa College of Medicine as demonstrator in the Department of Physiology. He persuaded for post-graduation and completed FCPS in Physiology in 2008. He is presently working as Associate Professor and HOD Physiology at Shifa College of Dentistry and has more than twelve publications in well renowned national and international journals.

Dr. Nimra Khalid | Demonstrator | PLAB, MBBS, RMP



A graduate of Federal Medical College in 2021, recently cleared her PLAB Exams and got registered with GMC. She is currently working as a Demonstrator in Physiology Department at Shifa College of Medicine.

Dr. Aamir Rashid Khattak | Demonstrator | MBBS



Graduate of Ayub Medical College, year 2021. Working as a demonstrator in the Department of Physiology more specifically with SCD (Shifa College of Dentistry). As a young doctor, i believe I have a good grasp over the latest trends of medical education and healthcare system. Committed and hardworking.

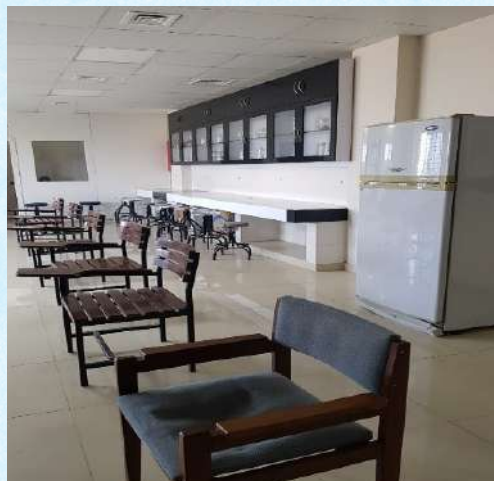


DEPARTMENT OF PHARMACOLOGY

Pharmacology is a basic sciences subject usually taught in the second year of BDS curriculum in most dental colleges in Pakistan. The vision of our department at Shifa College of Dentistry is to train undergraduates with a solid understanding of basic and clinical Pharmacology of commonly prescribed drugs. At SCD, Pharmacology is integrated with basic and clinical subjects and focuses on the understanding of the mechanism of how different types of drugs work and what has to be considered when the drugs are used for the treatment and prevention of diseases.

We are among the pioneers in the country who deliver the Pharmacology curriculum in an integrated curriculum horizontally as well as vertically. Our main focus of the Pharmacology curriculum is not only on therapeutics as an understanding of principles of action of drugs, but we also focus on other aspects of Pharmacology such as complementary and alternative medicine, patient counselling, clinical trials and finer details of prescription writing. Our department actively conducts researches and coordinates and collaborates in research activities with other departments.

The Department of Pharmacology department has a well-equipped, state of the art laboratory which enables the students to practice the essential skills before their application in the clinical setup.



FACULTY MEMBERS (SCM)

Dr. Fahad Azam | Associate Professor | MBBS, MPhil, PhD, (MHPE Scholar)



Dr. Fahad Azam graduated from Dow Medical College in 2005. After completing MPhil in Pharmacology and Therapeutics from Dow University of Health Sciences, Dr. Fahad completed Ph.D in Pharmacology and Therapeutics from Basic Medical Sciences (BMSI) in 2021. The topic of his PhD thesis was immune suppression in liver transplant recipients. His areas of interest are clinical trials, immune suppression, pharmacogenomics, pharmacogenetics and artificial intelligence.

Dr. Rida Fatima | Demonstrator | MBBS



Dr. Rida Fatima is a demonstrator in the Department of Pharmacology SCD.

Dr. Quratul Ain | Demonstrator | MBBS



Dr. Quratul Ain is working as demonstrator in the Department of Pharmacology SCD.



DEPARTMENT OF GENERAL PATHOLOGY

General Medicine deals with the diagnosis and non-surgical management of diseases of the internal organs. Here you will find the causes, symptoms, diagnosis and treatment of a huge range of disorders affecting every part of the body.

Subject

Pathology is the study of disease. It provides an understanding of the disease process and forms the bridge between basic medical sciences and clinical subjects. In clinical practice, a pathologist plays a pivotal role in diagnosis and management of diseases.

Educational Program

Shifa College of Dentistry follows an integrated modular curriculum, where the subject of Pathology is taught with other basic and clinical sciences in the second year of BDS programme. The modular curriculum is case-based, where concepts of Pathology are taught in a clinical context by the faculty of Pathology, which consists of one Associate Professor and two Demonstrators.

Teaching Strategies

Teaching strategies include small group discussions, problem based learning, large group interactive sessions, self-directed learning and practical sessions. Our emphasis is on promotion of analytical thinking and problem solving with active involvement of students in the learning process.

Pathology Laboratory

A fully equipped Pathology laboratory meeting PMC standards is used as a shared facility with Shifa College of Dentistry. The equipment includes 45 light microscopes, a multi-head unit, audio-visual facilities, and other lab equipment. There is a well-stocked histopathology museum with more than 150 pathology specimens and an excellent collection of Histopathology and Haematology slides. Students study the microscopic histopathological features of tissue sections taken from commonly occurring disease specimens and observe diseased organ specimens preserved in the museum. They also carry out practical procedures related to Haematology and Microbiology as prescribed in the curriculum.



FACULTY MEMBERS (SCM)

Dr. Ghazala Mudassar | Associate Professor | MBBS, DCP, M.Phil, MHPE



Dr. Ghazala Mudassar graduated from Rawalpindi Medical College and did post-graduation in Histopathology from Pakistan Institute of Medical Sciences affiliated with Quaid-e-Azam University, Islamabad in 2012. She has been associated with academics in Shifa College of Medicine for 12 years. She was transferred to Shifa College of Dentistry in September 2019. She is a part time histopathologist in Shifa International Hospital since March 2019. She has nine publications and is currently working in Shifa College of Dentistry in Pathology department as Associate Professor.

Dr. Sarah Khalid Asadullah Khan | Demonstrator | MBBS



My name is Dr. Sarah Khalid, I am a proud graduate of Shifa College of Medicine, Shifa Tameer-e-Millat University from the Class of 2019. I am passionate about teaching and grateful to be a part of the faculty here.

Dr. Azka Faisal | Demonstrator | MBBS



I am a graduate of Shifa College of Medicine, Class of 2020. I then proceeded to work in Shifa International Hospital for 1 year during my Housejob. After completing that, I continued my journey with Shifa and have been teaching both the students of Medicine and Dentistry in the department of Pathology.



DEPARTMENT OF GENERAL MEDICINE

General Medicine deals with the diagnosis and non-surgical management of diseases of the internal organs. Here you will find the causes, symptoms, diagnosis and treatment of a huge range of disorders affecting every part of the body.

FACULTY MEMBERS (SCM)

Dr. Rahila Aamir | Assistant Professor | MBBS, FCPS



Dr. Rahila Aamir graduated from Nishtar Medical University Multan. She got her Fellowship of College of Physicians and Surgeons Pakistan in Internal Medicine after training from Holy Family Hospital, Rawalpindi in 2014. Since then she has been working with Shifa Tameer-e-Millat University in the Department of Medicine, initially as Senior Registrar and then as Assistant Professor.

Dr. Aalia Hassan | Senior Registrar | MBBS, MRCP



Dr. Aalia Hassan is working as Senior Registrar of General Medicine at Shifa College of Dentistry.



DEPARTMENT OF GENERAL SURGERY

The General Surgery Department of STMU is providing services for Upper Gastrointestinal Tract, Colorectal, Minimal Invasive, Vascular, Bariatric/Weight Loss, Pancreaticobiliary and Endocrine Surgery.



Dr. Sehrish Latif | Assistant Professor | MBBS, FCPS



Dr. Sehrish Latif completed MBBS in 2008. She did her FCPS in 2015. She is serving as an Assistant Professor of Surgery at SCD. With advanced training and expertise in various surgical procedures, she is committed to providing exceptional care to the patients while imparting valuable knowledge and skills to my students. Through a role as a surgeon and educator, she strives to make a positive impact on the field of medicine and contribute to the advancement of surgical techniques and patient care.

Dr. Sumera Nawaz | Senior Registrar



Dr. Sumera Nawaz is currently working as Senior Registrar at Shifa College of Dentistry.



DEPARTMENT OF RESEARCH

Research department is responsible for the facilitation of research projects, research seminars and workshops along with frequent journal club meetings at faculty and student level. It will help the faculty to link students with devised projects by the faculty members and vice versa. This department is involved in providing a platform to the faculty members to promote evidence-based practice and incorporate research elements in undergraduate and postgraduate learning. This department is ready to take suggestions from all the faculty members and students in order to bring a change in responsibilities and working of the committee involved. It is responsible for incorporation and facilitation of quality research amongst the students.

At present, the first-year students are introduced to the concept of incorporating thorough knowledge of literature available in the scientific journals on top of regular books. Training and workshops are conducted at the very onset of first year as longitudinal themes in integrated dental curriculum. It is the goal of this department to prepare the students to produce quality research by the end of the final year.

In order to reach that goal, students are trained by the faculty so that the students understand and comprehend the concept of evidence-based dentistry and conduct basic literature review by the end of first year. In second year, the students are advised and guided regarding selection of research topics and start the initial write up regarding their topics. Field trips and relevant activities are conducted in order to make the goal achievable for the student. Young researchers are facilitated to complete the phase of data analysis, result compilation and writeup. In final year the students are facilitated in the phase of publishing their research. Research department collects the data from the students regarding their published research by the end of their course completion.

This department foresees a bright student who will graduate as a competent dentist, proficient researcher and a person who practices evidence-based dentistry in its true spirit.



Dr. Muhammad Asif Khan

He has published 21 research articles in an Web of Science Indexed journals with high impact factor. He is specialised in Fetal, Child and adults' dental identification and age estimation. Moreover, his efforts in refining Bite-mark investigations through Computer-assisted animated-superimposition method has also been published. He and his coresearchers are the first one in Southeast Asia who have introduced the method of volumetric analysis of dental structures using CBCT images for age estimation in adults. Recently, a 3D method of age estimation has been developed among children, juveniles and young adults in an attempt to develop a more reliable, accurate and simple age estimation technique. He is specialised in CBCT image analysis and other 3D modeling software like MIMICS, 3-matics, Simplant.



ADMINISTRATIVE DEPARTMENTS

Human Resource Department

Human resource department of Shifa College of Dentistry are responsible for various issues like, recruitment of staff, compensation & benefit, leave & attendance management, Performance Appraisal, Confirmation & Regularization and life & health insurance. The HR Department also aids in assessing the current staffing strategies and forecasting future employees needs based on market demands.

The HR department coordinates the orientation of new workers. Training and development provide support which a healthcare facility needs for the employee development and employment practices.

HR departments create ways to strengthen the relationship between employers and their subordinates to help hospitals achieve high satisfaction, morale, and performance levels Human resource officials in a hospital are always seeking ways through which the doctors and other healthcare professionals can sustain healthy working relationships. Human resource staff members also ensure that the hospital complies with the employment regulations norms and ensures compliance with applicable laws for any healthcare facility.



Shaheen Ali

Incharge Human Resource Department

Examination Department

The examination department of Shifa College of Dentistry is situated in the basement of the building. It deals with all examination related affairs of the college. The core competencies of the department are to maintain supreme secrecy, fairness and ensuring smooth operations. The key role of the department is to facilitate the faculty in all matters pertaining to internal and professional examinations.



Prof. Dr. Shujaat Hasan Idris
Head of Examination Department



Mr. Tasveer
Examination Officer



Muhammad Zeeshan Ahmed Sheikh
Assistant Examination



EVENTS AND ACTIVITIES AT SHIFA COLLEGE OF DENTISTRY



INAUGURATION CEREMONY OF SHIFA DENTAL HOSPITAL



1st ORIENTATION AND WHITE COAT CEREMONY FOR BDS CLASS OF 2023- HELD IN 2020.

SCD welcomes the new students of the batch in a formal Orientation and White Coat Ceremony. The parents of students are invited to the ceremony in which the new class don-on their white coats and formally enter the dental profession. The ceremony was followed by a various induction sessions held at SCD for orientation of students to the college premises/ campuses and relevant academic guidelines.



2nd ORIENTATION AND WHITE COAT CEREMONY FOR BDS CLASS OF 2023- HELD IN 2021.



3rd ORIENTATION AND WHITE COAT CEREMONY FOR BDS CLASS OF 2023- HELD IN 2022.



4th ORIENTATION AND WHITE COAT CEREMONY FOR BDS CLASS OF 2023- HELD IN 2023.



FIRST INTERNATIONAL SHIFA ORTHODONTIC CONFERENCE

Shifa College of Dentistry organized the 1st Shifa International Orthodontic Conference, May 2021 in close partnership with Pakistan Association of Orthodontists. The conference was organized by the Principal of Shifa College of Dentistry, Professor Dr. Anwar Ali Shah and his team. The honorable Vice Chancellor of Shifa Tameer-e-Millat University, Prof. Dr. Muhammad Iqbal Khan and Dean of Faculty Health Sciences Prof. Dr. Muhammad Amir's continuous support was what made the conference a huge success.

The 1st Shifa Orthodontic Conference was a virtual conference held on 21st and 22nd of May 2021, which was attended by more than 300 online participants from all over the world. This two-day conference was the first of its kind in the country where some of the most outstanding experts in Orthodontics from around the globe came together to share their knowledge and expertise at academic, clinical and research levels in the said field. To name a few we had Professor Jonathan Sandler, Dr. Alison Murray, Dr. Andrew Di Biase, Dr. Chris Laspos, Dr. Simon Littlewood, Professor Martyne Cubourne, Dr. Tony Ireland, Dr. Jayne Harrison, Professor Ewa Czychowska and Dr. John Scholey all of whom are world renowned experts in the field of Orthodontics.

The conference featured specialized topics best suited to the field of Orthodontics and Dentofacial Orthopedics. This conference proved to be of great value to all the dental professionals including undergraduate & postgraduate students, practitioners and consultants in attendance both nationally and internationally.



1st INAUGURATION CEREMONY OF PHD DENTISTRY PROGRAM



8TH STMU CONVOCATION - 2022



9TH STMU CONVOCATION - 2023



SHIFA INTERSCHOLASTIC TOURNAMENT - SIST' 2022



SHIFA INTERSCHOLASTIC TOURNAMENT - SIST' 2023



COMMUNITY SERVICE ACTIVITIES

On the 20th of March 2021, the faculty and staff members of Shifa College of Dentistry celebrated World Oral Health Day 2021 in an attempt to create awareness regarding the significance of oral hygiene.

A walk was organised by the Head of Department of Community Dentistry, Prof. Dr. Shujaat Hasan Idris, of Shifa College of Dentistry, sponsored by the company, Sheild. Free dental screenings and dental care samples were provided to the staff as well.



World Oral Health Day 2021 - Awareness Walk



ORAL HEALTH CAMP - 2022



ORAL HEALTH CAMP - 2023



STUDENT RESEARCH POSTER COMPETITION - 2022

KNOWLEDGE, ATTITUDE AND PRACTICES OF STUDENTS OF SHIFA COLLEGE OF DENTISTRY REGARDING DENTAL CARIES AND ORAL HYGIENE PRACTICES: A CROSS-SECTIONAL STUDY

ABSTRACT
The objective of this study was to assess the knowledge, attitude and practices of students of Shifa College of Dentistry regarding dental caries and oral hygiene practices. A cross-sectional study was conducted among 100 students of Shifa College of Dentistry. The results showed that 69% of students had good knowledge, 78% had good attitude, and 59% had good practices regarding dental caries and oral hygiene. The study concluded that there is a need for further education and awareness programs to improve the knowledge, attitude and practices of students regarding dental caries and oral hygiene.

Introduction
Dental caries is a common oral health problem that affects millions of people worldwide. It is caused by the interaction of bacteria, diet, and oral hygiene practices. Oral hygiene practices, such as brushing and flossing, are essential for preventing dental caries and maintaining good oral health. This study aims to assess the knowledge, attitude, and practices of students of Shifa College of Dentistry regarding dental caries and oral hygiene.

Methodology
A cross-sectional study was conducted among 100 students of Shifa College of Dentistry. The study included a questionnaire that assessed the students' knowledge, attitude, and practices regarding dental caries and oral hygiene. The data was analyzed using SPSS software.

Conclusion
The study concluded that there is a need for further education and awareness programs to improve the knowledge, attitude and practices of students regarding dental caries and oral hygiene.

Authors
Dr. Zahab, Fatima Sami, Fawzia Iqbal, Fiza Hameed, Hafiz Umar Sarwar, Hafiza Anjum, Hafiza Malik, Aqsa Zahab, Fatima Sami, Fawzia Iqbal.

PREVALENCE OF BONE RESORPTION AMONG THE PATIENTS IN PERIODONTICS DEPARTMENT AT SHIFA COLLEGE OF DENTISTRY

A DESCRIPTIVE CROSS SECTIONAL STUDY

INTRODUCTION
Periodontitis is a condition that can lead to destruction of gingiva and other supporting tooth structures such as alveolar bone, periodontal ligaments and cementum (Max A. Langer, 1980). During maturation, processes applied to the tooth roots stimulate alveolar bone, sustaining its strength and thickness. Without this stimulation, the bone starts to resorb. Approximately 25% of bone is lost every year after a tooth is extracted (Dunbar, 2020). Due to lack of awareness regarding the phenomenon and poor maintenance of oral hygiene among people, it remains a pertinent subject matter, as the consequences of this condition are dire, leading to considerable expenses, long-term treatment procedures and decline in general physical and psychological health. Several factors such as genetic, age, use of dentures, presence of certain systemic diseases, and the patient's habits also influence the rate of bone resorption. According to published literature, the prevalence of alveolar bone resorption increases with age and with the presence of systemic diseases (Mishra et al., 2010). This study aims to highlight prevalence of bone resorption among the patients who attended Periodontics department of Shifa College of Dentistry.

RESULT
The sample comprised of 56 males (56%) and 44 females (44%), the highest age group being 50-60 years (23%) and the lowest age group being 30-40 years (27%). Out of all the participants, 68% presented with some kind of bone resorption, 75% of the patients had a systemic disease, the most common of which was hypertension (24%).

CONCLUSION
Current study has indicated the prevalence of bone resorption to be higher among the elderly age group of 50-60 years. Prevalence was also found to be higher among patients having systemic diseases, particularly hypertension and diabetes.

METHODOLOGY
A descriptive cross-sectional study was conducted in Periodontics department of Shifa College of Dentistry, Islamabad. The study was conducted on a sample of 100 patients of both genders with ages ranging from 30-65 years, periodontitis being confirmed by conventional radiographs. The main reason for the study was patients' medical records and their respective radiographs. Exclusion criteria included all other age groups and non-periodontitis.

AWARENESS ABOUT DENTAL FLOUROSIS AMONG THE STUDENTS OF SHIFA COLLEGE OF DENTISTRY, ISLAMABAD

Fizza Abid, Hafiz Sami or syman, Hafiza Iqbal, Fiza Hameed, Hafiz Umar Sarwar, Hafiza Anjum, Hafiza Malik, Aqsa Zahab, Fatima Sami, Fawzia Iqbal.

Introduction
Fluorides have been used to prevent tooth caries for over a century. Despite the fact that it has been scientifically proved that fluoride prevents dental caries, it is still a controversial issue. Fluoride is a debilitating and painful disease caused by high fluoride intake (Khan, 2016). Patients in an underdeveloped country where people drink any water they can get their hands on. Water sources are far in Pakistan, and drinking water contains high levels of fluoride, which causes dental as dental fluorosis (Khan, F. et al. 2022). Fluorosis occurs because of ingestion of extra fluoride particularly through intake of excessively fluoridated water. Electronegativity is high in fluoride, due to which fluoride is attracted to a large number of positively charged cations in tooth and hence affecting dental fluorosis, tooth staining, skeletal fluorosis, and other diseases in progression in addition to its other effects (Khan, S. M. et al. 2017). In order to spread awareness among the people of fluoride to only take healthy amounts of fluoride and the ill effects of higher intake, it is crucial for the dental health workers, dentists and medical students, to be fully aware of this disease therefore, this, we performed this study to find the prevalence of awareness of dental fluorosis in BDS students of Shifa College of Dentistry.

OBJECTIVE
To find the awareness about fluorosis among the students of Shifa College of Dentistry.

Methodology
A cross-sectional study (KAP study) was conducted on the students of Shifa College of Dentistry between the age of 18 and 25 years in 1 week. Data was collected by using a previously used self-administered questionnaire. Evaluation criteria included all other age groups and incomplete questionnaires. The data was compiled by using SPSS.

Results
Sample size was 100 with gender frequency of female 67 and male 33. Majority of respondents are female (67%), 100% of respondents were aware about the basic knowledge of fluorosis shown in Fig. 1. 54% respondents knew they were using fluoridated toothpaste, 24% showed negative results about using fluoridated toothpaste, age of respondents ranged from 18 to 25 years, while majority (57%) was 21 years. 89% of participants had knowledge regarding dental fluorosis. 39% participants had been given awareness about dental fluorosis in their 3rd semester of education, 71% agreed that high water of fluoridation was a good thing, 57% participants disagreed about high fluoride content making toothpaste, 89% participants have sufficient awareness about fluoride status. Fluorosis disease was not known by 55% participants however positive regarding risk to dentists if they see brown spots on teeth, 41% of participants represented possible linkage of dental fluorosis with water, 47% did not link it together as shown in Fig. 2. 57% of study subjects were male but majority were female.

Conclusion
Fluorosis needs to be spread awareness to be more accessible, and it should be added to the people's education about health and prevention on the issues of fluoride and their impact on dental fluorosis. With the help of study, we have concluded that the students of dental health care are well aware of the awareness about dental fluorosis.

AWARENESS REGARDING MANAGEMENT OF DENTAL WASTE DISPOSAL AMONG DENTAL HEALTHCARE PROVIDERS IN TWIN CITIES: A CROSS-SECTIONAL STUDY

OBJECTIVES
To identify the level of awareness regarding dental waste management practices among dental healthcare providers in twin cities. To evaluate the perception regarding waste management policy and practice among the dental health professionals in the city of Islamabad and Rawalpindi.

Methodology
A descriptive cross-sectional study was conducted between March 2022 to April 2022 among the participants. The study included a questionnaire that assessed the awareness regarding dental waste management practices. The data was analyzed using SPSS software.

Results
The study included 100 dental healthcare providers. 68% of participants were aware of dental waste management practices. 75% of participants had a systemic disease, the most common of which was hypertension (24%).

Conclusion
Current study has indicated the prevalence of dental waste management to be higher among the elderly age group of 50-60 years. Prevalence was also found to be higher among patients having systemic diseases, particularly hypertension and diabetes.



STUDENT RESEARCH POSTER COMPETITION - 2023

PERCEPTION OF SPECIAL NEEDS DENTISTRY

INTRODUCTION
Special needs dentistry is a dental specialty that deals with meeting the needs of those patients or caregivers with special requirements or unique needs and abilities. It is a branch of dentistry that provides dental services to patients with special needs and general dentists. This area focuses on communication, clinical skills, and a focus on the patient's dental care. It may involve a variety of factors such as physical, cognitive, or emotional disabilities that may affect a patient's ability to receive dental care. It may also involve a patient's medical history, including chronic conditions, mental health issues, and other special needs. The goal of special needs dentistry is to provide dental care to all patients, regardless of their abilities or disabilities.

METHODOLOGY
A descriptive cross-sectional study was conducted through a questionnaire (Google Form, Facebook and WhatsApp) in 2023. A total sample size of 200 individuals was selected by means of convenience sampling for this cross-sectional study. Individuals in the study were selected according to a convenience sampling method. A questionnaire was used as the primary method for data collection. The questionnaire consisted of sociodemographic details such as name, age, gender, etc. It consisted of closed and open-ended questions and asked people to determine their perception of special needs dentistry (SND). The questionnaire was distributed online with a 3-week follow-up. Only active dentists with 5+ years of experience in dentistry were selected for the study, to ensure they had the chance of being exposed to special needs patients. Non-response, partial, and incomplete responses were excluded from the study.

RESULTS
A total of 27 responses were received and analyzed, representing a response rate of 13.5%. Out of 27 responses, 17 responses were from dentists (62.96%), 10 responses were from dental students (37.03%). The majority of the respondents were female (70.37%), followed by male (29.62%). The majority of the respondents were aged between 25 and 34 years (62.96%). The majority of the respondents were from the private sector (70.37%). The majority of the respondents were from the dental profession (70.37%).

CONCLUSION
The study revealed that the majority of respondents perceived special needs dentistry as a challenging and rewarding profession. It is a field that requires a high level of empathy, communication skills, and clinical expertise. The study also highlighted the need for further education and training in this field to ensure that all patients, regardless of their abilities, have access to high-quality dental care.

AWARENESS OF NURSING BOTTLE CARIES AMONG PARENTS UNDER THE AGE OF FIVE

INTRODUCTION
Nursing bottle caries (early childhood caries) affects the deciduous maxillary anterior incisors while the prevalence increases as age increases. The development of this habit is rapid, therefore it is a high-prevalence caries. (Khan, et al., 2022)

OBJECTIVES
To assess the level of awareness of nursing bottle caries among parents of children with nursing bottles. To determine the prevalence of nursing bottle caries among parents of children with nursing bottles. To identify the factors associated with nursing bottle caries.

RESULTS
The study included 100 parents of children with nursing bottles. The majority of the respondents (85%) were aware of nursing bottle caries. The majority of the respondents (70%) were aware of the symptoms of nursing bottle caries. The majority of the respondents (60%) were aware of the prevention of nursing bottle caries. The majority of the respondents (50%) were aware of the treatment of nursing bottle caries.

CONCLUSION
The study revealed that the majority of parents are aware of nursing bottle caries and its prevention. However, there is still a need for further education and training for parents to ensure that their children have the best possible dental health. The study also highlighted the need for further research into the prevalence and risk factors of nursing bottle caries.

Prevalence of Temporomandibular Joint Disorders in students of Shifa College of Dentistry; A descriptive cross-sectional study

Introduction
Temporomandibular joint disorder (TMJ) is a group of conditions that affect the temporomandibular joint, a synovial joint that connects the lower jaw to the skull. It is a common condition that affects the temporomandibular joint, causing pain, clicking, and limited movement. It is a complex condition that can be caused by a variety of factors, including stress, trauma, and genetic factors. It is a condition that can significantly impact a person's quality of life and ability to eat and speak. The goal of this study is to determine the prevalence of TMJ in students of Shifa College of Dentistry and to identify the factors associated with it.

Objective
To assess the prevalence of temporomandibular joint disorders (TMJ) in undergraduate dental students at Shifa College of Dentistry (SCD) and to identify the factors associated with it.

Methodology
A descriptive cross-sectional study was conducted in Shifa College of Dentistry in a period of one month. The study was done on 100 dental students aged 18-25 years, including both genders via convenience sampling. A pre-validated questionnaire (Khan, et al., 2022) was distributed and filled by hand with the researchers present to provide help. The questionnaire consisted of questions related to demographic details such as age, gender, etc. Non-dental students, students outside the age range and incomplete questionnaires were discarded and excluded from the study. SPSS version 23 was used to analyze the data collected by making use of bar graphs, pie charts, and tables.

Analysis
The study included 100 dental students. The majority of the respondents (70%) were female and 30% were male. The majority of the respondents (80%) were aged between 18 and 25 years. The majority of the respondents (90%) were from the dental profession. The majority of the respondents (70%) were from the private sector. The majority of the respondents (80%) were from the dental profession.

Results
The study revealed that the prevalence of TMJ in dental students is 15%. The majority of the respondents (80%) were aware of TMJ and its symptoms. The majority of the respondents (70%) were aware of the prevention of TMJ. The majority of the respondents (60%) were aware of the treatment of TMJ.

Conclusion
The study revealed that the prevalence of TMJ in dental students is 15%. The majority of the respondents are aware of TMJ and its prevention. However, there is still a need for further education and training for students to ensure that they have the best possible dental health. The study also highlighted the need for further research into the prevalence and risk factors of TMJ.

Prevalence of Dental Anxiety in the Teenage and Young Adult Population of Twin Cities, Pakistan

Introduction
Dental anxiety is a common condition that affects the majority of people. It is a condition that causes a person to feel nervous, scared, or fearful when they are in a dental office. It is a condition that can significantly impact a person's quality of life and ability to receive dental care. The goal of this study is to determine the prevalence of dental anxiety in the teenage and young adult population of Twin Cities, Pakistan and to identify the factors associated with it.

Methodology
A descriptive cross-sectional study was conducted in Twin Cities, Pakistan in a period of one month. The study was done on 100 dental students aged 18-25 years, including both genders via convenience sampling. A pre-validated questionnaire (Khan, et al., 2022) was distributed and filled by hand with the researchers present to provide help. The questionnaire consisted of questions related to demographic details such as age, gender, etc. Non-dental students, students outside the age range and incomplete questionnaires were discarded and excluded from the study. SPSS version 23 was used to analyze the data collected by making use of bar graphs, pie charts, and tables.

Results
The study revealed that the prevalence of dental anxiety in the teenage and young adult population of Twin Cities, Pakistan is 15%. The majority of the respondents (80%) were aware of dental anxiety and its symptoms. The majority of the respondents (70%) were aware of the prevention of dental anxiety. The majority of the respondents (60%) were aware of the treatment of dental anxiety.

Conclusion
The study revealed that the prevalence of dental anxiety in the teenage and young adult population of Twin Cities, Pakistan is 15%. The majority of the respondents are aware of dental anxiety and its prevention. However, there is still a need for further education and training for students to ensure that they have the best possible dental health. The study also highlighted the need for further research into the prevalence and risk factors of dental anxiety.



1ST HIGH ACHIEVERS PRIZE DISTRIBUTION CEREMONY AT SCD



EXTRACURRICULAR ACTIVITIES



3rd Year BDS student participated in Poster Competition at Foundation University



Participation at Blood Donation Bank



Participation in STMU E Olympiad 2022



SCD Students Participation at Bake Sale event for Flood Donation



FACULTY DEVELOPMENT ACTIVITIES AT SCD

Faculty is the backbone of any academic institute. To keep faculty up to date with the latest innovations in teaching, assessment, and clinical practice, a number of faculty development activities are conducted on a regular basis at the Shifa College of Dentistry. These activities are pre-planned at the start of the academic year and are organized by the Department of Medical Education, along with the Continuous Professional Development Committee of the college. These include workshops and Friday lectures. An average of 8-10 workshops are conducted regularly in an Academic year. Friday lectures take place every Friday morning for all faculty. Both these activities are facilitated by external and internal speakers.





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