

DOW UNIVERSITY OF HEALTH SCIENCES



ADMISSIONS IN BACHELORS IN DENTAL CARE PROFESSIONALS PROGRAMS

Session
2021-22



PROSPECTUS

Message by the Vice Chancellor



Prof. Dr. Muhammad Saeed Quraishy

Tamgha-e-Imtiaz (T.I)

Vice Chancellor, Dow University of Health Sciences

It is a great honor for me to share my thoughts regarding the teaching and training taking place at School of Dental Care Professionals, one of the integral teaching components of the Dow University of Health Sciences, working under the umbrella of the health system of DUHS.

The School of Dental Care Professionals was established in 2007 and it is the first school of dental auxiliary in Pakistan to start 4-year bachelor programs in dental auxiliary since 2009. So far 11 batches of B.S degree programs in Dental Hygiene and Dental Technology have successfully passed out who are providing fundamental auxiliary support to the contemporary dental practices and dental technology in Pakistan and abroad.

With the blessings of God and the utmost endeavors of our dental auxiliary team, we are determined to succeed in all our projects pertinent to dental and allied health sciences and look forward to providing services for the betterment of humankind nationally and globally.

Message by the Principal



Prof. Dr. Ambrina Qureshi

Ph.D. (Community Dentistry)

Principal, School of Dental Care Professionals

Health care systems not only depend on the infrastructure but also the human resource with varying degree of functions and period of training; all working together in a team to provide patient care. In the context of dental health care system, an auxiliary is a “person who works in a team with the dentist in patient treatment”. They may be Operating Auxiliary such as Dental Laboratory Technologist or Non-Operating, such as Dental Hygienist.

I am privileged to be part of the Dow University of Health Sciences team to carry out the vision of providing outstanding patient centered education, training and clinical care through our well-structured dental auxiliary degree programs. This is all possible under the dynamic guidance and supervision of our Honorable Vice Chancellor, Prof. Dr Muhammad Saeed Quraishy.

We have an excellent team of instructors, qualified dental hygienists and technologists who have developed the skills of being all-rounder in student teaching and patient care; and also conducting, managing and coordinating other necessary activities such as research and community-based dental services.

I hope the School of Dental Care Professionals will flourish further and in near future we may be able to start master level programs in the fields of dental hygiene and dental technology.

History of School of Dental Care Professionals

When we talk about "four-handed dentistry" the role of dental auxiliary comes into the picture. The rapid development in the dental health care delivery system together with the sophistication in equipment and materials has made it a separate entity and requires qualified dental auxiliary professionals. To keep pace with this demand, international trend in teaching and research the Dow University of Health Sciences established a School of Dental Care Professionals in the year 2007.

The School of Dental Care Professionals aspired to become a leading center of excellence in the field of para-dental education recognized by its quality educational-cum-training programs, research, skills and at par dental services to the community. It also aimed at the development of specialized faculty who becomes leaders in their chosen fields in Pakistan and beyond.

During the first two years of its establishment, the school was offering two-year diploma program. Later in the year 2010, 4-years bachelor programs in two main fields of dental auxiliary were introduced as per Higher Education Commission Pakistan guidelines and were registered in the PQR-HEC.

Overview & Introduction:

School of Dental Care Professionals is the pioneer center that is offering 4-year B.S. degree programs in the two main fields of dental auxiliary, namely **Dental Hygiene** and **Dental Technology**. These programs come under the domain of Allied Medical and Health Sciences and are administered in collaboration with the Dental Faculty of the Dow University of Health Sciences.

These programs cover not only the structured course-work spread over the period of four years, but also training pertinent to pre-clinical and para-clinical dental practice along with an additional one-year mandatory internship in different dental departments of Dow University of Health Sciences.

So far 15 batches have been admitted to this program out of which 11 batches have successfully graduated after extensive training in their respective specialties, who are working independently in renowned institutes and established dental practices in team with the qualified dental surgeons as Academicians, Para-Clinical Practitioners (Dental Educationists, Dental Hygienists, Expanded Function Dental Auxiliaries, Dental Laboratory Technologists and School Dental Nurses), Managers and Administrators.

Undergraduate Programs:

The institute offers 4-year B.S. degree programs in following specialties:

- **Dental Hygiene**
- **Dental Technology**

Vision Statement

To be pre-eminent academic institution committed to changing and saving lives.

Mission Statement

Providing outstanding patient centered education, training and clinical care informed by cutting edge research and innovation, generating and disseminating new knowledge

Goals

1. Deliver the contemporary education in patient care in dental auxiliary set-up
2. Develop an understanding of safest and ethical patient care in its domains
3. Elevate health status of the community and increase public awareness
4. Be a front runner in life-long learning, research and innovation
5. Lead integrated care pathways for the populations we serve
6. Achieve cost-effective financial sustainability
7. Be a leader in operational performance

B.S. Dental Hygiene

Dental Hygienists are primary health care professionals. They are trained to perform the primary periodontal and dental procedures both in the communities and at chair-side. Such procedures include: periodic dental examination and screenings, scaling and root planing, tooth polishing, pit and fissure sealants, atraumatic restorative treatment using hand instrumentations, fluoride applications in high risk caries children and other non-invasive dental procedures that do not require anesthesia, needles and sharp instrumentations.



The students of dental hygiene are taught all the dental auxiliary procedures including patient record keeping, reception management, patient history taking, communication skills, oral hygiene instructions, health education and promotion skills, non-surgical periodontal therapy, dental radiography, sterilization and infection control in dentistry and bio-hazard management.

The students of dental hygiene in their third and final years are able to assess patient's condition in order to offer patient specific preventive and evidence based educational services to promote and maintain good oral health both in dental clinics and in communities using mobile dental services/ units.



They are eligible to independently work in any form of a para-dental practice, out-reach community dental and clinical preventive services. They can also work in coordination with specialist dental surgeons and under supervision can perform non-invasive basic clinical procedures.

B.S. Dental Technology

Dental Technologist is a trained craftsman who works with precision, great concentration and patience, with high standard of hand skills.

As a member of dental health team, a dental technologist provides laboratory services to the dentists by constructing for them a variety of appliances to repair, replace, or reposition teeth of patients whose natural teeth are broken, missing or need repositioning.



The program provides theoretical and technical training for the construction of these dental appliances along with clinical orientation of the student.

Course in specialized techniques are presented to students in laboratory, clinical rotations, demonstration and lecture classes. Practical laboratory work is emphasized in the courses to prepare the student for employment

Academic Schedule

B.S [Dental Hygiene](#) and B.S [Dental Technology](#) are full time four-year degree programs divided into eight semesters that includes didactic lectures, tutorials, small group discussions, laboratory based hands-on training, clinical and skilled based quota in all pertinent clinical departments.

Each academic year is divided in to two semesters. Each semester comprises of 16 weeks of study duration followed by a week of semester exam preparatory leave.

In the first year the students are placed at the Dow Institute of Medical Technology (DIMT) to learn the basic core and general education courses. During the later three years of the program, the students are placed at the School of Dental Care Professionals where they learn in the well-coordinated dental facility at the Dr. Ishrat-ul-Ebad Khan Institute of Oral Health Sciences (DIKIOHS).

After completion of the four years, the graduates are required to complete one-year paid internship at any of the three tertiary care dental set-ups of the Dow University of Health Sciences located at the Main Campus (Dow Dental College), Defense Campus (Dow International Dental College) or at Ojha Campus (DIKIOHS).

Facilities

School of Dental Care Professionals has all the necessary facilities for academics and coordinated patient care such as:

1. Well-equipped air conditioned tutorial rooms separate for Dental Hygiene and Dental Technology Programs
2. Furnished and air-conditioned Principal and Vice Principal Offices, Faculty Offices, Office of the administrative staff, students' waiting area and common room.
3. The specialty based dental clinics of DIKIOHS are also the centers of learning and patient care by the B.S. Dental Hygiene students who perform 4-handed dental practice in coordination with the BDS students and qualified dentists. These clinics include: Clinics of Oral Diagnosis, Operative Dentistry, Pediatric Dentistry, Maxillo-facial surgery, periodontology, Orthodontics, Prosthodontics and Crown and Bridge.



4. There are well-equipped air-conditioned pre-clinical Dental Laboratories such as Dental Materials Lab, Oral Biology Lab and the Mannequins Museums of Community Dentistry which are primarily for the BDS Program of DIKIOHS, which are also being utilized for the learning by the dental auxiliary students.



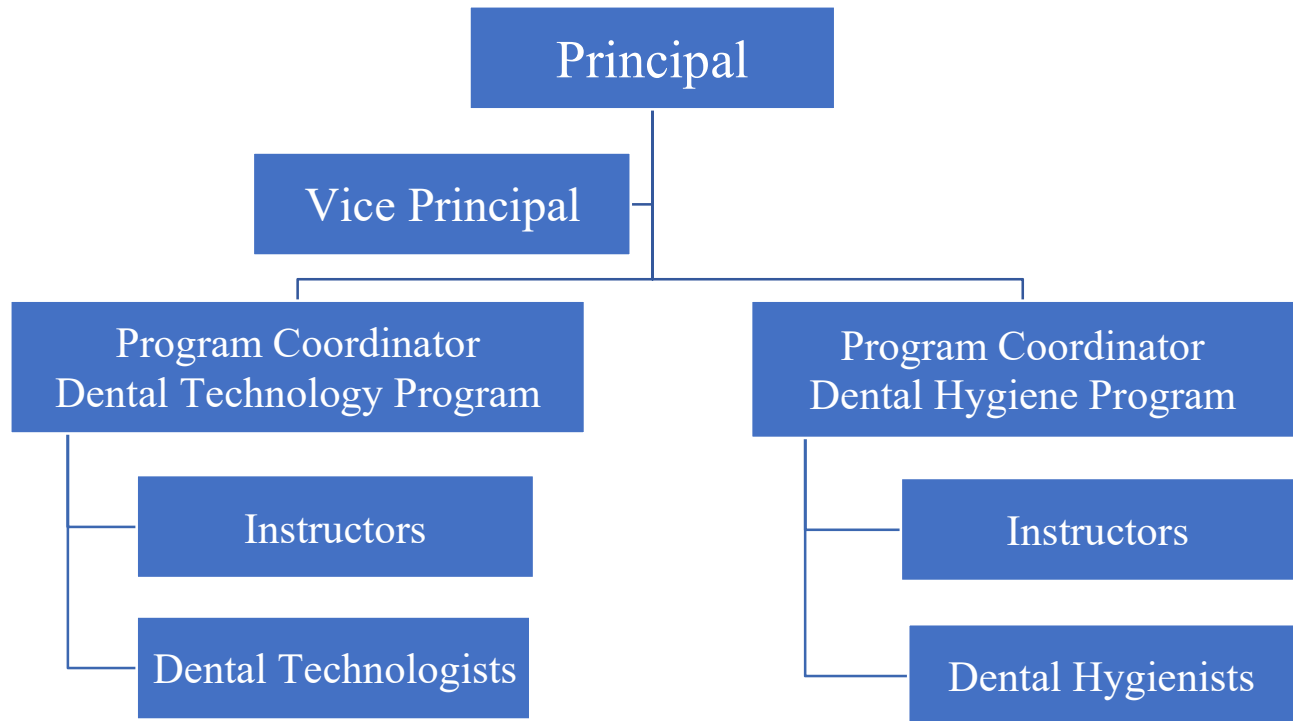
5. Similarly, there are well-equipped air-conditioned Dental Technology Labs such as the Dental Acrylic Lab, Dental Plaster Lab, Casting and Ceramic Lab of DIKIOHS are primarily used for the learning and practicing purpose by the B.S. Dental Technology students.

6. Other than these facilities, the huge campus consists the:

- Library
- Digital library
- Cafeterias

7. The campus has a Gymnasium, Souvenir shops, transport service and shuttle services within the campus for all students.

Organogram of SDCP



Principal

Prof. Dr. Ambrina Qureshi

Ph.D. (Dow), M.Phil. (PU), CHPE (Dow), CGOH (NL), BDS (KU)



Vice- Principal

Dr. Khuwaja M. Hammad ud din

Post-Doc (UK), Ph.D. (UK), M.Sc. (UK), BDS (KU)

Faculty



Program Coordinator (Dental Hygiene)

Ms. Madiha Shabbir

M.P.H., B.S (DH)



Program Coordinator (Dental Technology)

Ms. Nimrah Razzaque Memon

M.B.A., B.S (DT)



Instructor (DH)

Ms. Saeeda Soomro

B.S (DH)



Instructor (DH)

Ms. Sumer Mallick

B.S. (DH)



Instructor (DH)

Ms. Sidra Maqsood

M.B.A., B.S (DH)



Dental Hygienist

Ms. Areeba Khan

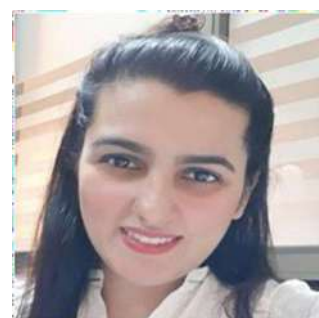
B.S (DH)



Dental Hygienist

Ms. Sindhu Rani

B.S (DH)



Dental Hygienist

Ms. Afshan Jahangir

B.S (DH)



Instructor (DT)
Ms. Najwa Hussain
B.S (DT)



Instructor (DT)
Mr. Adnan Qamar
M.B.A., B.S (DT)



Dental Technologist
Mr. Mustaqeem ul Haq
B.S (DT)



Dental Technologist
Ms. Nazia Anwar
B.S (DT)

Admissions

Thirty (30) students are admitted every year in the School of Dental Care Professionals.

Admissions are open to all candidates who are academically qualified for the admission in the programs offered by the university.

Number of seats available for the program:

B.S. Dental Hygiene Program	15
B.S. Dental Technology Program	15

Eligibility Criteria for applying in the program:-

- HSSC (Intermediate Science) Pre-Medical/ A-Level or Equivalent, Min. 60% marks or equivalent duly certified by IBCC
- **Candidate's Domicile of Sindh**

Student Life

The School of Dental Care Professionals is an active participant and member of Dow Literary and Debating Society. The debate competition is one of the most enjoyable events. Students from various departments of the DUHS participate and compete with each other. The students of School of Dental Care Professionals take active part in debate competitions and have won numerous competitions. These competitions are a part of healthy and active participation where students talk about their topic of interest and are encouraged to share their thought and opinions.

Our students actively participate in sports competition inter university and with other universities including volley ball, basketball, badminton and football. Every



year these competitions take place and students are encouraged to show participation with full enthusiasm. Students have won and participated in several competitions throughout the years and have learned team work and peer support alongside enjoying the events.

Talent show is also organized by the Dow University where students display non-academic skills including singing, dancing, drama and humor. Our students have participated and won the competition. The talent show was set up by Dow University students in an effort to raise money and contribute to the cause of Tuberculosis. They have performed and participated in an effort to contribute towards the cause.

The faculty and students of SDCP arrange Annual get-together Lunch/ Dinner and Annual Picnics. This gives a chance of leisure and recreation to relieve the students from routine educational activities.



Community and Civic Engagements are essential component of the course of the professionals enrolled in the course. There are numerous Civic Engagement activities where students of SDCP have participated and helped in arranging gift hampers for street children and orphanages. Such civic engagement programs are usually done in coordination with the BDS and MDS students of the Department of Community Dentistry where students work in teams and learn collaboration and communication skills.

Students are encouraged to plan and participate in important internationally celebrated days such as World Oral Health Day on March, 20th every year. Similarly, on the 1st Friday of June every year the dental technology students celebrate World Dental Technology Day.