



Dow University
of Health Sciences

PROSPECTUS

ADMISSION IN

Session

2022-23



**BS RADIOLOGIC
TECHNOLOGY**

Dow Institute of
Radiology (DIR)



**Prof. Mohammed Saeed
Quraishy**
Vice Chancellor

MESSAGE BY VICE CHANCELLOR

It gives me joy to write this message for the prospectus of the Dow University of Health Sciences, Karachi. DUHS was established in 2004, with just three constituent colleges, and today we are a university with over 30 constituent and affiliated institutions and the most comprehensive health system in Pakistan.

This year, I am also proud to announce that Dow University of Health Sciences, Karachi has continued to enhance the vision of this University by striving to be the pre-eminent academic institution committed to changing and saving lives, as we have continued to place in the QS World University Rankings 2021, with an overall Rank of 401-450. This is a credit to the faculty of DUHS, and their commitment to enhance the learning experience offered to our students that we have achieved progress and prosperity globally, particularly within Asia.

This is also the year we are celebrating our 75th Anniversary of the founding of Dow Medical College, a symbol of scholarship and service to the community that has evolved into DUHS, with expanded program offerings, such as in the fields of the allied health and biomedical sciences, such as pharmacy, physical therapy, medical technology, biotechnology, nursing, public health, business administration, and course in radiology technology, nutritional sciences, midwifery, and optometry.

Furthermore, our symbol of academic excellence is fortified by our adoption of the latest technology, and affordable state of the art healthcare offered, which informs the delivery of quality patient care at Dow University Hospital and our many affiliated healthcare centers and research and diagnostic laboratories. We stand committed to providing and creating a state-of-the-art infrastructure that fosters innovation, research and is evolving to meet the needs of the future, along with providing superior healthcare services today.

Today, we are striving to play a pivotal role in the early diagnosis and treatment of Covid-19 and in the future, I also stand committed to make Dow University of Health Sciences an empowered institution offering the best of the medical knowledge and quality health services.

I am confident that the doctors and health professionals of this institution will go on to contribute to this nation and serve globally with sincerity and ethics, in order to restore faith and humanity to the delivery of healthcare.

Good Luck to the incoming freshmen!

VISION STATEMENT DUHS

Be an academic leader by generating creative, collaborative, contextual resources to improve health and education by all possible means.

MISSION STATEMENT DUHS

To provide leadership in creating and imparting knowledge through excellence in research and education with the aim to provide cost effective, contextually relevant and quality community services through its faculty, staff and graduates, with continuous efforts for improvement through reflection and learning.

Introduction of Institute:

The *Dow Institute of Radiology* was established in 2008 to have the highest quality medical imaging, research opportunities, and Radiology educational experiences. The diagnostic modalities installed at Dow-Rad, are providing prompt and accurate diagnosis of different diseases at highly competitive rates which has made use of imaging modalities possible by general public. Besides providing economic benefits to the patients, the department of Imaging Services is committed to be at the forefront of new developments and clinical applications in the rapidly changing field of medical imaging.

FACILITIES:

The Dow institute of Radiology is located in state of the art building having seminar halls and classrooms well-furnished, spacious and equipped with multimedia facility which enhances teaching-learning process in effective way. It is complemented with an air-conditioned environment that helps students to sustain the exhausting climatic conditions of the city.

The Dow institute of Radiology runs multiple under and post graduate program in which BSRT is skill oriented program and therefore, has made it mandatory for all the students to do clinical practicums as a part of their curriculum. For that purpose students are rotated in their departments according to the curriculum of that specific semester to develop proper and adequate understanding and orientation of practical work. To enhance the fitness of students, they will have annual sports week, a recreational area consisting of gymnasium and indoor games is being built where these facilities can be availed by the students.

First aid treatment and general medication are also available for students in any unforeseen circumstances. Moreover, students have an access to make an appointment at hospital doctors' consultation.

1. State –of – art equipment in the radiology department
2. Digital Library
3. Hostel Accommodation
4. Wi-Fi facilities
5. Computer Lab
6. Recreational activities

Dow University of Health Sciences engages their students in recreational activities periodically along with educational activities. It is well believed that healthy minds flourish

in healthy bodies; thus, in order to stay active, it is necessary for students to participate and indulge themselves in recreational activities such as:

- Sports Activities
- Annual Picnic
- Ghazal Night
- Welcome and Farewell Parties etc...

7. Transportation service

University transport facility is available on nominal charges for all students, faculty and staff of the Dow Institute of Radiology DUHS.

Opportunities:

- Electives: Offered electives to BSRT students after 5th and before 8th semester in Different centers of radiology with proper signed MOU.
- Internship: 06 Months paid internship of BSRT graduate on merit basis.
- Job Opportunities: our aim is to accommodate our trained proficient, safe

Technologists and radiologists.

Eligibility

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

Number of seats: 20

Fee Structure of BS Radiologic Technology

Session 2022-23

FEE TYPE	BS Radiologic Technology
Admission Fee	45,000/-
Tuition Fee	142,612/-
Document Verification Charges	1,000/-
Total	188,612/-

*Above amounts are excluding govt. taxes. Taxes apply as per FBR rules

Transport Fee (Optional) Rs. 32,000/- per year.

RULES FOR THE PAYMENT OF FEE

Payorder of one year tuition fee (of the respective category) will have to be paid within one month after the start of 2nd, 3rd, 4th & Final year.

In case the fee is not submitted during the given specified time, late payment charges will be charged as follows:

First month after lapse of first month.....	2.5 % of tuition fee
Second month	5.0 % of tuition fee
Third month.....	7.5 % of tuition fee
Fourth month.....	10 % of tuition fee

Fee of all categories may be increased by 10% every year.

AFTER FOUR MONTHS OF NON PAYMENT, THE SEAT IS LIABLE TO BE CANCELLED AND STUDENT WILL NOT BE ALLOWED TO APPEAR IN ANY EXAMINATION

Fee deposited is refundable as per the Refund policy guidelines of the DUHS.

Taxes will be applied as per the FBR rules.

Hostel and Transport fee will be valid till the last exam of the academic year.

Amounts stated in the fee vouchers are excluded of all Bank charges.

The Fee Structure may be revised by the university at any time during the course of the study, due to unavoidable circumstances.

Curriculum

Semester 1

RADIOLOGY FOR MEDICAL TECHNOLOGIST-1
Physiology for Allied Health
Medical Imaging Physics 1
English Communication
Anatomy for Allied Health
Mathematics & Statistics
Introduction to computer

Semester 2

RADIOLOGY FOR MEDICAL TECHNOLOGIST-2
English Fundamentals
Medical Imaging Physics -2
Radiologic Pharmacology

Semester 3

RADIOLOGY FOR MEDICAL TECHNOLOGIST-3
Pakistan Studies
Islamiat Studies /Sociology

Semester 4

RADIOLOGY FOR MEDICAL TECHNOLOGIST-4
Medical Imaging Pathology

Semester 5

Diagnostic Procedures in Nuclear Medicine
Advance Fluoroscopy
Ultrasound
PACS in Radiology

Semester 6

Advance Computed Tomography (CT)
Cross Sectional Anatomy
Research Methodology & Ethics

Semester 7

Advance Magnetic Resonance Imaging (MRI)
Echocardiography
Biostatics & Research Assignment

Semester 8

Cross Sectional Anatomy
Angiography & Cardiac Imaging
Research Project

Assessment methods: Enrolled candidates are assessed for their knowledge about the subject and skills with intervallic analyses. It includes continuous assessments, projects, clinical practicum and competencies.

FACULTY OF BSRT PROGRAM:

Prof. Dr Nasreen Naz

Head of Department
Dow Institute of Radiology

Dr. Mukhtiar Ahmed Memon

Assistant Professor
BSRT Director
Dow Institute of Radiology

Dr. Amjad Sattar

Associate Professor
Dow institute of Radiology

Dr Ambreen Sair.

Assistant professor
Program Coordinator BSRT
Dow Institute of Radiology

Dr Saira Yasmeen.

Senior Instructor
Program coordinator BSRT
Dow institute of Radiology

Mr Maaz Shamsi

Academic Coordinator
Dow Institute of Radiology
DUHS

FACULTY OF RADIOLOGY:

1. **Professor Dr Nasreen Naz** (Head of Department)
2. **Dr Mukhtiar Ahmed Memon** (Assistant professor)
3. **Dr Amjad Sattar** (Associate Professor)
4. **Dr Sohail Ahmed Khan** (Associate Professor)
5. **Nouman Al Qamri** (Assistant professor)
6. **Dr Syed Ali Baqar** (Assistant professor)
7. **Dr Anila Rahim** (Assistant professor)
8. **Dr Naureen Farhan** (Assistant professor)
9. **Dr Maryam Taufiq** (Assistant professor)
10. **Dr Binish Rasheed** (Assistant professor)
11. **Dr Ummey Aymen** (Assistant Professor)
12. **Dr Quratulain Hadi** (Assistant professor)
13. **Dr Sarah Yusuf** (Assistant professor)
14. **Dr Ayesha Walid** (Assistant professor)
15. **Dr Ambreen Sair** (Assistant professor)
16. **Dr Nida Rafiq** (Assistant professor)
17. **Dr Ameena Begum** (Assistant professor)
18. **Dr Saira Yasmeen** (senior instructor)
19. **Dr Hina Siddiqui** (senior instructor)
20. **Dr Sameera Salman** (senior instructor)
21. **Dr Mahnoor Hafiz** (Senior instructor)

Other Faculty:

Dr Sadqa Syed	(HOD Physiology)
Dr Uzma Bukhari	(HOD Pathology)
Dr Farrukh Mustafa	(HOD Anatomy)
Dr Mahayrokh Asif	(HOD Pharmacology)
Mujeeb Ur Rehman	(Medical Physicist)
Naseem Ahmed Khan	(Faculty Computer-studies)
Muhammad Saqib	(Faculty Computer-studies Lab)

VISITING FACULTY:

Ms. Shabana Kamran	(Faculty Pakistan Studies and Islamiat Studies /Sociology)
Mr. Irfan Muhammad	(Faculty of Pac's in Radiology)