



**Dow University  
of Health Sciences**

**PROSPECTUS**

**ADMISSION  
IN**

**Session  
2020-21**



**BS RADIOLOGIC  
TECHNOLOGY**

**Dow Institute of  
Radiology (DIR)**

Email: [admissions@duhs.edu.pk](mailto:admissions@duhs.edu.pk)

Website: [www.duhs.edu.pk](http://www.duhs.edu.pk)

## **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.

## **Vision Statement**

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

## **Mission Statement**

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

## Eligibility

- HSC (Intermediate Science) Pre-Medical / A-Level or Equivalent, Min. 60% marks or equivalent.
- Candidate's Domicile (All Districts of Sindh).
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**Number of seats: 20**

## Curriculum

### Semester 1

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

### Semester 2

RADIOLOGY FOR MEDICALTECHNOLOGIST-2
English Fundamentals
Medical Imaging Physics -2
Radiologic Pharmacology

### Semester 3

RADIOLOGY FOR MEDICALTECHNOLOGIST-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)
Radiation Therapy
Research Methodology & Ethics

### **Semester 7**

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

### **Semester 8**

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.

**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.

## **Faculty:**

### **Dr Amjad Sattar**

**Associate Professor**

**Director Dow institute of Radiology**

### **Dr Mukhtiar Ahmed Memon**

**Assistant Professor**

**Director BSRT program**

**Dow institute of Radiology**

### **Dr Rahila Usman**

**Assistant professor**

**Coordinator BSRT program**

**Dow institute of Radiology**

### **Dr Ummey Aymen**

**Assistant professor**

**Coordinator BSRT program**

**Dow institute of Radiology**

## **Faculty of Radiology:**

Dr Sohail Ahmed Khan (Assistant professor)

Dr Nouman al Qamri (Assistant professor)

Dr Syed Ali Baqar (Assistant professor)

Dr Anila Rahim (Assistant professor)

Dr Maryam Taufiq (Assistant professor)

Dr Binish Rasheed (Assistant professor)

Dr Naureen Farhan (Assistant professor)

Dr Quratulain Hadi (Assistant professor)

Dr Sarah Yusuf (Assistant professor)

Dr Ayesha Walid (Assistant professor)

Dr Ambreen Sair (Assistant professor)

Dr Nida Rafiq (Assistant professor)

Dr Rubia Salman (Assistant professor)

Dr Ameena Begum (Assistant professor)

Dr Moinuddin (Assistant professor)

Dr Saira Yasmeen (Senior instructor)

Dr Hina Siddique (Senior instructor)

Dr Sameera Salman (Senior instructor)

Dr Mahnoor Hafiz (Senior instructor)

**Other Faculty:**

**Dr Meraj Rahim** (HOD Physiology)

**Dr Shaheen Sharafat** (HOD Pathology)

**Dr Nasheed Khan** (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:**

**Dr Furqan Ahmed Hashmi** (Faculty Radiation Therapy)

**Dr Syed Akhtar Raza** (Faculty Mathematics and Statistics)

**Sir Faisal Dada** (Faculty English)

**Ms Nazish** (Faculty Bio-Statistics and research)

**Ms Shabana Kamran** (Faculty Pakistan Studies and Islamiat Studies /Sociology )