



Dow University  
of Health Sciences

PROSPECTUS

ADMISSION IN

Session

**2023-24**



**BS RADIOLOGIC  
TECHNOLOGY**

Dow Institute of  
Radiology (DIR)

Email: [admissionspduhs.edu.pk](mailto:admissionspduhs.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 become the best regional and national leading institute in diagnostic and interventional radiology.*

## Mission Statement

*To provide the state-of-the-art, cost effective and accessible medical imaging and image-guided procedures and compassionate care services with utmost satisfaction of the patients and society.*

## Eligibility

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

## Curriculum

### Semester 1

Anatomy for Allied Health
Mathematics& Statistics
Basic English Writing
Sociology
Introduction to computers
Pakistan Studies

### Semester 2

Physiology for Allied Health
Physics
Advanced English Writing
Radiology for medical Technologist-1
Clinical Practicum 1

### Semester 3

Philosophy
Academic writing
Professional ethics and communication
Introduction to logic
Islamiat /religious studies
Clinical practicum 2

### Semester 4

Radiologic pharmacology
Medical imaging physics
Medical and Research Ethics
Radiology for Medical Technologist-2
Clinical practicum 3

### **Semester 5**

Radiology for medical technologist 3
Advanced fluoroscopy
Cross sectional anatomy 1
Medical imaging pathology
Clinical practicum 4

### **Semester 6**

Radiology for medical technologist 4
Diagnostic Procedures in nuclear medicine
Biotechnology
Research methodology 1
Clinical practicum 5

### **Semester 7**

Ultrasound
Advanced computed tomography
Biostatistics and research methodology 2
Clinical practicum 6

### **Semester 8**

Cross sectional anatomy 2
Advance magnetic resonance imaging

Intervention radiology (angiography & cardiac imaging)
Research methodology 3
Clinical practicum 7

### **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.

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 5<sup>th</sup> and before 8<sup>th</sup> 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.
- ☐ Total No of Graduates : 116
- ☐ Current Enrolled in BSRT Program : 76

## **BSRT Program Faculty:**

### **Prof. Dr Nasreen Naz**

Head of Department  
Dow Institute of Radiology

### **Dr. Sohail Ahmed Khan**

Associate Professor  
BSRT Director  
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:**

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



