Dow Institute of Cardiology

Dow University of Health Sciences

PROSPECTUS

BS CARDIAC CARE TECHNOLOGY

SESSION 2026-27




CARDIAC CATH LAB


ECHO LAB


SIMULATION LAB


EXERCISE PHYSIOLOGY LAB


SKILL LAB


CLINICAL TRAINING

ADVANCED EDUCATION | PRACTICAL TRAINING | STATE-OF-THE-ART FACILITIES | BRIGHT CAREER OPPORTUNITIES

Website: www.duhs.edu.pk

Email: admissions@duhs.edu.pk

QUAID'S
Message To Youth



"**Pakistan** is proud of her youth, particularly the students who have always been in the forefront in the hour of trial and need. You are the nation's leaders of tomorrow and you must fully equip yourself by discipline, education and training for the arduous task lying ahead of you. You should realize the magnitude of your responsibility and be ready to bear it" **(Jinnah, 1947).**



(Lahore, 31 st October, 1947)



VICE CHANCELLOR'S *Message*

It is a great honor for me, as the Vice Chancellor of Dow University of Health Sciences (DUHS), to welcome you to an institution that has been at the forefront of medical and health sciences education in Pakistan.

Since its establishment in 2004, DUHS has grown from three constituent colleges into a comprehensive university system comprising twenty constituent and forty-two affiliated institutions. Building upon the distinguished legacy of Dow Medical College, established in 1945, the University continues to uphold its commitment to academic excellence, professional integrity, research, innovation, and service to humanity.

The Allied Health Sciences programs at DUHS represent an essential component of modern healthcare. Through disciplines such as Pharmacy, Physical Therapy, Optometry, Medical Technology, Biotechnology, Nursing, Human Nutrition, Public Health, Radiology, Psychology, and other specialized fields, DUHS provides students with opportunities to develop the knowledge, technical expertise, and professional values required to meet the evolving needs of the healthcare sector. These programs prepare graduates to become competent, compassionate, and responsible healthcare professionals who can contribute meaningfully to patient care and community well-being.

At DUHS, we remain committed to creating an academic environment that encourages learning, discovery, collaboration, and innovation. Recognizing the growing importance of Artificial Intelligence (AI) in modern healthcare, the University is progressively integrating AI into its academic and educational framework, enabling students to become familiar with emerging technologies from the early stages of their academic journey. As healthcare continues to evolve through advances in science and technology, DUHS is dedicated to strengthening its educational and research infrastructure, expanding opportunities for interdisciplinary learning, and providing students with exposure to modern healthcare practices and state-of-the-art facilities.

I warmly welcome you to Dow University of Health Sciences, where a proud tradition of excellence meets a vision for the future, and where you will be inspired and empowered to make a meaningful difference in healthcare.

I wish you every success as you begin this important and rewarding journey.

PROF. DR. NAZLI HOSSAIN
VICE CHANCELLOR
Dow University of Health Sciences



PRINCIPAL

Message

As the Program Director for the **Bachelor in Cardiac Care Technology (BSCCT)** program at **Dow University of Health Sciences (DUHS)**, it is my privilege to introduce you to this dynamic and rewarding field of study.
Cardiovascular diseases continues to be a leading cause of death worldwide, underscoring the critical need for skilled professionals who are well-equipped to support diagnostic, therapeutic, and interventional cardiovascular procedures. At DUHS, we are dedicated to providing an education that prepares students to meet this demand by becoming proficient cardiovascular technologists.

Our **(BSCCT) program** is meticulously designed to combine in-depth theoretical knowledge with practical training. Throughout the course, students will gain expertise in cutting-edge cardiovascular technologies, including diagnostic imaging, electrocardiography (ECG), echocardiography, and invasive cardiac procedures. With hands-on clinical training, our students develop the skills needed to provide exceptional care to patients and contribute to advancing cardiovascular health.

Our dedicated faculty, state-of-the-art equipment, and partnerships with renowned medical institutions ensure that students receive a comprehensive education, preparing them for diverse roles in the cardiovascular healthcare sector. The program not only focuses on technical expertise but also emphasizes professional ethics, communication skills, and the ability to work as part of an interdisciplinary healthcare team.

As you embark on your journey toward becoming a cardiovascular technologist, I encourage you to explore the opportunities that await you at **Dow University of Health Sciences**. With our world-class facilities, passionate faculty, and rigorous training, we are confident that our program will provide you with the foundation for a successful and fulfilling career in cardiovascular technology.

I look forward to welcoming you to the **(BSCCT) program** and supporting you as you take the first step toward making a difference in the lives of individuals affected by cardiovascular diseases.

Sincerely,

PROF.DR. M. TARIQ FARMAN
MBBS; FCPS (Cardiology); FESC; FSCAI
Director Cath Lab, DIC
Professor of Cardiology,
Program Director BSCVT Program
Head of the Department of Cardiology, DIMC
Consultant Interventional Cardiologist.
Dow University of health Sciences, Karachi.

VISION STATEMENT DUHS

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

MISSION STATEMENT DUHS

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

Introduction

Cardiovascular diseases (CVDs) have become a leading global health challenge, and with the growing need for specialized healthcare professionals in this field, the **Bachelor in Cardiac Care Technology (BSCCT)** program at **Dow University of Health Sciences (DUHS)** offers an innovative and comprehensive educational pathway for students aspiring to contribute to cardiovascular healthcare.

Dow University of Health Sciences (DUHS) is proud to present the **Bachelor in Cardiac Care Technology (BSCCT)** program. The **BSCCT program** is a four-year undergraduate degree. This program is essential for those who wish to play a pivotal role in the healthcare system, assisting doctors and other medical professionals in diagnosing, treating, and monitoring heart and vascular diseases. This program is designed to equip students with the knowledge, skills, and expertise necessary to become competent cardiovascular technologists, contributing significantly to the healthcare system's diagnosis and treatment of cardiovascular diseases. The (BSCCT) program at DUHS prepares students to work in the dynamic and critical field of cardiovascular medicine, where they will play an essential role in providing diagnostic, therapeutic, and interventional support in various healthcare settings.

The **(BSCCT)** program is an academically rigorous and professionally focused program that integrates the latest advancements in cardiovascular medicine with hands-on clinical training. It prepares students to become highly skilled Cardiac Care Technology capable of performing essential diagnostic tests and procedures related to heart and vascular health.

Through a carefully curated curriculum, the (BSCCT) program combines foundational health sciences education with specialized cardiovascular training. Students will study various cardiovascular technologies, from electrocardiography (ECG), Echocardiography, ETT to advanced imaging techniques and invasive cardiovascular procedures such as catheterization and angiography. Additionally, they will learn to assist in emergency care situations and help develop and implement cardiac rehabilitation programs.

If you are passionate about healthcare and eager to contribute to the fight against cardiovascular diseases, this program is the ideal choice for you.

Join us at DUHS, and take the first step toward a rewarding career that directly impacts patient care and outcomes in the dynamic field of cardiovascular health.

Scope of Cardiac Care Technology in Pakistan

Cardiovascular diseases remain a leading cause of morbidity and mortality in Pakistan. According to the **World Health Organization (WHO)**, CVDs account for a significant proportion of deaths in the country. The burden of heart diseases is expected to rise further due to lifestyle factors such as poor diet, sedentary behavior, high prevalence of smoking, and increasing rates of hypertension and diabetes.

The role of **Cardiac Care Technology** (CCTs) is expanding rapidly worldwide, and Pakistan is no exception. With the increasing prevalence of cardiovascular diseases (CVDs) and advancements in diagnostic and therapeutic technologies, the demand for skilled cardiovascular professionals has surged. Cardiac Care Technology in Pakistan are essential in supporting cardiologists and healthcare providers in diagnosing, treating, and managing heart and vascular diseases.

With the increasing recognition of the importance of cardiovascular health, job prospects for Cardiac Care Technology are flourishing across Pakistan. Below are some of the key sectors where(CCTs) can find employment:

- **Hospitals and Medical Centers**: The primary employer of Cardiac Care Technology in Pakistan is healthcare institutions, including public and private hospitals who are constantly expanding their cardiovascular departments to meet growing demand. These hospitals offer various roles such as ECG technologists, echocardiography technologists, catheterization lab technologists, and cardiac rehabilitation technologists.
- **Diagnostic Laboratories**: As diagnostic centers and imaging labs become more common in Pakistan, there is a growing demand for(CCTs) who can operate diagnostic equipment. Cardiac Care Technology are hired to perform diagnostic tests like ECGs, echocardiograms, and stress tests, which are frequently used for early detection of cardiovascular diseases.
- **Cardiac Care Centers**: Specialized heart hospitals and care centers offer opportunities for Cardiac Care Technology to assist in heart surgeries, cardiac rehabilitation, and diagnostics.
- **Medical Device and Equipment Companies**: Companies involved in manufacturing and supplying cardiovascular diagnostic equipment such as ECG machines, echocardiograms, and other imaging devices also offer career opportunities.(CCTs) may work in roles related to the installation, maintenance, and troubleshooting of cardiovascular equipment.
- **Academic and Research Institutions**: As demand for **Cardiac Care Technology** professionals grows, academic institutions and research centers hire(CCTs) as

instructors, researchers, and clinical trainers. They can contribute to the development of new diagnostic protocols and technologies for cardiovascular health.

- **Telemedicine and Remote Monitoring Services**: With the rise of telemedicine, some healthcare facilities offer remote cardiovascular monitoring services.(CCTs) may be involved in providing remote diagnostic services and monitoring patients with cardiovascular conditions, ensuring access to timely care in rural and underserved areas.

To conclude, the role of Cardiac Care Technology in Pakistan is vital to the healthcare system. As the need for advanced cardiovascular diagnostics and treatments grows, the demand for skilled(CCTs) is expected to continue increasing. This field offers diverse career opportunities, excellent job stability, and the chance to make a meaningful impact on public health. With the right training and expertise, Cardiac Care Technology in Pakistan can look forward to a fulfilling and rewarding career, while helping address the growing burden of cardiovascular diseases in the country.

Recognition by Governing Bodies and Regulatory Authorities

The BS **Cardiac Care Technology** program is offered under the auspices of **Dow University of Health Sciences (DUHS)** and is developed in accordance with the academic and professional standards prescribed by the relevant regulatory authorities. The curriculum is aligned with the guidelines of the Higher Education Commission (HEC) of Pakistan and the Allied Health Professionals Council (AHPC), Pakistan, ensuring that graduates meet nationally recognized standards for allied health education and professional practice.

The program is subject to the academic policies, quality assurance mechanisms, and periodic curriculum review processes of the University and the relevant regulatory bodies to ensure continuous improvement and compliance with national educational standards.

Program Overview

1.1. Program Title:

Bachelor in **Cardiac Care Technology** ((BSCCT))

1.2. Degree Awarded:

Bachelor of Science in Cardiovascular Technology

1.3. Duration:

4 years (8 semesters)

1.4. Credit Hours:

Minimum 144 credit hours

1.5. Mode of Study:

Full-time, on-campus

1.6. Seat Allocation:

We are offering a total of **16 seats** on open merit basis per session.

1.7. Eligibility:

- HSSC Pre-Medical or equivalent examination (e.g. A-Level, 12th grade etc) duly certified by IBCC with minimum 60% marks.
- Candidate's PRC & Domicile of Sindh Province

Program Objectives

The Bachelor in **Cardiac Care Technology** program aims to:

1. **Develop Professional Skills:** Provide students with the technical and clinical skills necessary for performing diagnostic and therapeutic cardiovascular procedures.
2. **Knowledge of Cardiovascular Anatomy and Physiology:** Develop an in-depth understanding of the human cardiovascular system and the pathophysiology of cardiovascular diseases.
3. **Exposure to Modern Technologies:** Familiarize students with state-of-the-art cardiovascular diagnostic tools, including echocardiography, ECG, and invasive procedures like angiography and catheterization.
4. **Ethical and Professional Practice:** Promote ethical practices in **Cardiac Care Technology** and prepare students to function as a key member of healthcare teams, ensuring patient safety and care.
5. **Global Standard of Education:** Ensure that graduates are capable of meeting international healthcare standards and are competitive in the global job market.

Curriculum Structure

The (BSCCT) program is structured to cover both theoretical knowledge and hands-on practical experience. The program consists of core subjects, practical training, and internships to ensure well-rounded development.

YEAR 1: SEMESTER I

Subject	Course Codes	Semester-I	Credit Hours
Natural Sciences	CHEM 201/ PHYS 201	CHEMISTRY/ PHYSICS	03 2-1
Application Of Information & Comm. Technologies	CS 201	COMPUTER SKILLS	03 2-1
Functional English	ENG-F 211	ENGLISH FOUNDATION	03
Civilization Courses	ISL 201/ ETHIC 201	ISLAMIAT/ETHICS	02
Interdisciplinary Sciences	ANAT 201	ANATOMY	03
	PIO 201	PHYSIOLOGY	03
Total General Education Courses	**11**		
Interdisciplinary Sciences Course	**06**		
Total Credit Hours in Semester	**17**		

YEAR 1: SEMESTER II

Subject	Course Codes	Semester-II	Credit Hours
Ideology and constitution of Pakistan	PAK-STD 202	PAKISTAN STUDIES	02
Social Sciences	PSY 102	PSYCHOLOGY	02
Arts and Humanities	HIS 102	HISTORY	02
Quantitative Reasoning	MATH 212	MATHEMATICS	03
Interdisciplinary Sciences	BCHEM 202	BIOCHEMISTRY	03
	PHARM 202	PHARMACOLOGY	03
Total General Education Courses	**9**		
Interdisciplinary Sciences Course	**06**		
Total Credit Hours in Semester	**15**		

YEAR- 2: SEMESTER III

Subject	Course Codes	Semester-III	Credit Hours
Quantitative Reasoning	BSTAT 323	BIOSTATISTICS	03
Entrepreneurship	ENTP 203	ENTREPRENEURIAL STRATEGY	02
Expository Writing	ENG-W 323	EXPOSITORY WRITING	03
Interdisciplinary Sciences	MICRO 203	MICROBIOLOGY AND INFECTION CONTROL	03
Major Course	CVT - CVA 303	CARDIOVASCULAR ANATOMY	03
	CVT – INTRO 203	INTRODUCTION OF CARDIOVASCULAR SCIENCES	03
	CVT -CP 313	CARDIOVASCULAR SCIENCES- CLINICAL PRACTICUM I	03
Total General Education Courses	**08**		
Interdisciplinary Sciences Course	**03**		
Major Course	**09**		
Total Credit Hours in Semester	**20**		

YEAR- 2: SEMESTER IV

Subject	Course Codes	Semester-IV	Credit Hours
Civics and community engagement	CIVCM 204	CIVICS AND COMMUNITY ENGAGEMENT	02
Major Course	PS-CVP 304	CARDIOVASCULAR PHYSIOLOGY	03
	PS-RMP 304	RESEARCH METHODS AND PRINCIPLES	03
	CVT –BFM 304	BODY FLUID MEASUREMENT & MANAGEMENT	03
	CVT – ETT 304	EXERCISE TOLERANCE TEST	03
	CVT – HDE 404	HEMODYNAMIC EVALUATION	02
	CVT -CP 424	CARDIOVASCULAR SCIENCES - CLINICAL PRACTICUM II	03
Total General Education Courses	**02**		
Major Course	**17**		
Total Credit Hours in Semester	**19**		

YEAR- 3: SEMESTER V

Subject	Course Codes	Semester-V	Credit Hours
Minor Course	CVT – PPC 305	PRINCIPAL OF PATIENTS CARE	03
	CVT – PFI 405	PROCEDURES FOR INPATIENTS	02
Major Course	CVT – EMG 405	CARDIOVASCULAR EMERGENCIES	03
	CVT – ECG 405	ELECTROCARDIOGRAPHY	03
	CVT – CPP 405	CARDIAC PATHOPHYSIOLOGY IN PEDIATRICS	03
	CVT – STC 405	STRESS CARDIOLOGY	02
	CVT -CP 435	CARDIOVASCULAR SCIENCES - CLINICAL PRACTICUM III	03
Minor Course	**05**		
Major Course	**14**		
Total Credit Hours in Semester	**19**		

YEAR- 3: SEMESTER VI

Subject	Course Codes	Semester-VI	Credit Hours
Minor Course	CVT – POR 306	PRINCIPAL OF RADIATION	03
	CVT - UST 306	ULTRASOUND TECHNIQUES	02
Major Course	CVT – ICM 306	INVASIVE CARDIAC METHODOLOGIES	02
	CVT - DUS 406	DOPPLER ULTRASOUND TECHNIQUES	02
	CVT – PCC 406	PRINCIPLES OF CRITICAL CARE	03
	CVT – VSD 406	VASCULAR SYSTEM AND DISEASES	03
	CVT – HEM 306	BASIC HEMATOLOGY	02
	CVT -CP 446	CARDIOVASCULAR SCIENCES - CLINICAL PRACTICUM IV	03
Minor Course	**05**		
Major Course	**15**		
Total Credit Hours in Semester	**20**		

YEAR-4: SEMESTER VII

Subject	Course Codes	Semester-VII	Credit Hours
Minor Course	CVT – QRM 407	QUALITY AND RISK MANAGEMENT	02
	CVT – VUS 417	VASCULAR ULTRASOUND – I	02
Major Course	CVT – CCL 417	CARDIAC CATHETERIZATION - I	03
	CVT – ECHO 417	ECHOCARDIOGRAPHY – I	03
	CVT - CP 457	CARDIOVASCULAR SCIENCES-CLINICAL PRACTICUM V	03
Field experience/ Internship	PS-INTE 507	INTERNSHIP	03
Minor Course	**04**		
Major Course	**09**		
Field experience/ Internship	**03**		
Total Credit Hours in Semester	**16**		

YEAR-4: SEMESTER VIII

Subject	Course Codes	Semester-VIII	Credit Hours
Minor Course	CVT – IMG 408	INVASIVE IMAGING	03
	CVT – CCM 408	CARDIAC CARE UNIT MANAGEMENT	03
Major Course	CVT – CIP 428	CARDIAC CATHETERIZATION - II	03
	CVT – ECHO 428	ECHOCARDIOGRAPHY – II	03
	CVT - CP 468	CARDIOVASCULAR SCIENCES-CLINICAL PRACTICUM VI	03
Capstone Project	PS-RP 408	RESEARCH PROJECT	03
Minor Course	**06**		
Major Course	**09**		
Capstone Project	**03**		
Total Credit Hours in Semester	**18**		

12 GEC COURSES = 30 CREDIT HOURS

5 INTERDISCIPLINARY SCIENCES = 15 CREDITS HOURS

8 MINOR (TECHNOLOGY RELATED) = 20 CREDIT HOURS

29 MAJOR (TECHNOLOGY RELATED) = 73 CREDITS HOURS

1 FIELD EXPERIENCE/ INTERNSHIP= 3 CREDIT HOURS

1 CAPSTONE/RESEARCH PROJECT = 3 CREDIT HOURS

TOTAL = 144 CREDITS HOURS

Assessment Method:

Internal Evaluation	15%
Midterm Examination	15%
Terminal Examination	70%
Total	100%

*Internal Evaluation may include quizzes, assignments, presentations, practical/laboratory performance, attendance, class participation, and other continuous assessment activities, as determined by the course instructor and university regulations.

FEE STRUCTURE – BS CARDIAC CARE TECHNOLOGY
Session 2026-27

DOW INSTITUTE OF CARDIOLOGY - DIC

Fee Type	Amount in PKR
Admission Fee – (at the time of admission)	PKR 45,000/-
Tuition Fee – (per annum)	PKR 200,000/-
Student Activity Charges – (per annum)	PKR 10,000/-
Library Fee Charges – (per annum)	PKR 10,000/-
Documents Verification Charges – (at the time of admission)	PKR 2,500/-
Without Transport	**PKR 267,500/-**
Transport Fee – (Optional) – (per annum)	PKR 50,000/-
With Transport	**PKR 317,500/-**

- Above amounts are excluding govt. taxes. Taxes apply as per Govt. & FBR rules.

– RULES FOR THE PAYMENT OF FEE –

The fee for each subsequent year of the respective category will have to be paid within one month of the commencement of 2nd, 3rd ,4th, Final Year.

If Payment is made after the due date, a late fee charge of 5% will be levied on the total fee.

Fee of all categories will 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/SBR rules.
- Hostel and Transport fee will charge as per calendar year (i.e., Jan. to Dec.).
- 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.

All Professional Year & BS Program students are required to submit an **undertaking** affirming that they will not waste their allotted seat.
If a student withdraws from the program or fails to join after securing admission, a
SEAT WASTAGE PENALTY AS PER COMPLETE PROGRAM TUTION FEE shall be imposed.

Admission Process

1. **Application Submission:**
    - The admission form can be accessed through the official DUHS website or campus.
    - www.duhs.edu.pk

2. **Entrance Test:**
    - A written test will be conducted covering subjects like biology, chemistry, physics, and English.

3. **Interview:**
    - Shortlisted candidates will be invited for an interview.

4. **Final Selection:**
    - Based on test results, interview performance, and academic credentials

Why Choose DUHS for (BSCCT) ?

1. **Accredited Program:** The (BSCCT) program is accredited by HEC and follows international standards.
2. **Experienced Faculty:** The program is delivered by highly qualified faculty with specialized experience in cardiovascular medicine and technology.
3. **State-of-the-art Facilities:** Students have access to modern cardiovascular diagnostic equipment and training facilities.
4. **Comprehensive Training**: DUHS offers both theoretical and practical training, preparing students for the real-world challenges of cardiovascular healthcare.

Research Activities

Our **Academic Research and Coordination Cell (ARCC)** serves as the central platform for promoting research, academic excellence, and scholarly collaboration within the institute. ARCC actively facilitates research activities by supporting faculty and students in research planning, scientific writing, research methodology, ethical practices, and publication in reputable journals. The cell also encourages interdisciplinary research, innovation, and evidence-based practice to strengthen academic and clinical excellence.

The institute maintains a strong commitment to research and scholarly productivity. During the academic year **2025–2026**, the institute and its faculty collectively published **more than 10 research articles** in national and international peer-reviewed journals, reflecting an active research culture and continuous contribution to the advancement of cardiovascular sciences and healthcare.



Program Co-ordinator

Dr. Mishal Zehra

MBBS, FCPS Cardiology (Gold Medalist)
Senior Registrar
Co-ordinator BS-CVT Program
DUHS

Faculty Members



Prof. Dr. Muhammad Tariq Farman
MBBS; FCPS (Cardiology); FESC; FSCAI
Director Cath Lab, DIC
Professor of Cardiology
Program Director (BSCCT) Program
Head of the Department of Cardiology, DIMC
Consultant Interventional Cardiologist.
Dow University of health Sciences, Karachi



Prof. Dr Mudasir Iqbal Dar
MBBS, FCPS,FRCS
PHD
Professor of Cardiac surgery
Consultant Cardiac Surgery
Dow University Hospital, DUHS
Dow University of health Sciences, Karachi



Dr. Arshad Ali Shah
MBBS, FCPS, FACC
Interventional Cardiologist
Associate Professor
Dow University Hospital, DUHS



Dr. Riffat Tanveer
MBBS, FCPS (Cardiac Surgery)
Associate Professor
Head of Cardiac Surgery Department
Dow University Hospital, DUHS



Dr. Preeti Batheja
MBBS, FCPS Cardiac Surgery
Assistant Professor
Dow University Hospital, DUHS



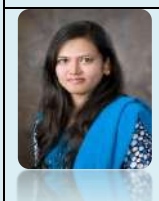
Dr. Muhammad Hashim
MBBS, FCPS Cardiology
Assistant Professor
Interventional Cardiologist
Dow University Hospital, DUHS



Dr. Asad Ali Mahesar
MBBS, FCPS Cardiology
Assistant Professor
Cardiac Electrophysiologist
Fellowship in Adult Echocardiography
Dow University Hospital, DUHS



Dr. Noman Kakepoto
MBBS, FCPS Cardiology
Assistant Professor
Interventional Cardiologist
Dow University Hospital, DUHS



Dr. Fatima Amin
MBBS, FCPS Paeds Cardiology
Assistant Professor
Paeds Cardiologist
Dow University Hospital, DUHS



Dr. M. Navaid Iqbal
MBBS, FCPS Cardiology
Assistant Professor
Interventional Cardiologist
Dow University Hospital, DUHS



Dr. Poonam Bai
MBBS (Silver Medalist),
FCPS(Cardiology), FACC,CCK,
Assistant Professor
Interventional Cardiologist
Dow University Hospital, DUHS



Dr. Jamshed Ali
MBBS, FCPS(Cardiology),
MRCP (UK)
Assistant Professor,
Interventional Cardiologist
Dow University Hospital, DUHS



Dr. Riaz Ahmed Qureshi
MBBS, MD Cardiology
Senior Instructor
Consultant Cardiologist
Dow University Hospital, DUHS



Dr. Mishal Zehra
MBBS, FCPS Cardiology (Gold Medalist)
Senior Registrar
Co-ordinator BS-CVT Program
Dow University Hospital, DUHS

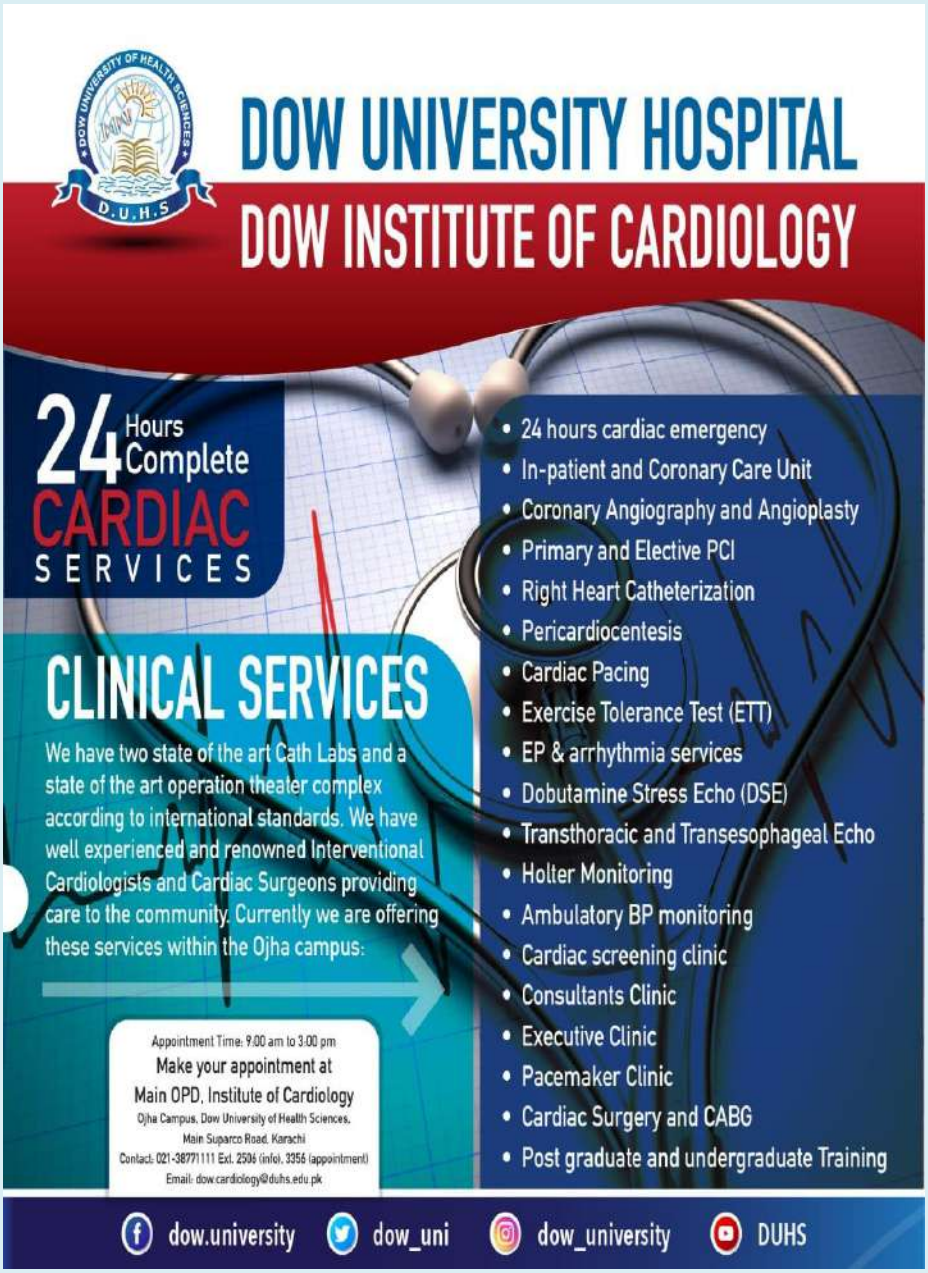


Dr. Shakeela Naz
MBBS, FCPS Cardiology
Fellowship in Advanced Cardiac Imaging
Senior Intructor
Dow University Hospital, DUHS



Mr. M. Tauseef
BS CVT
Senior Cath Lab Technologist
Instructor BS-CVT Program
Dow Institute of Cardiology, DUHS

Our Services



Cardiac Catheterization Lab





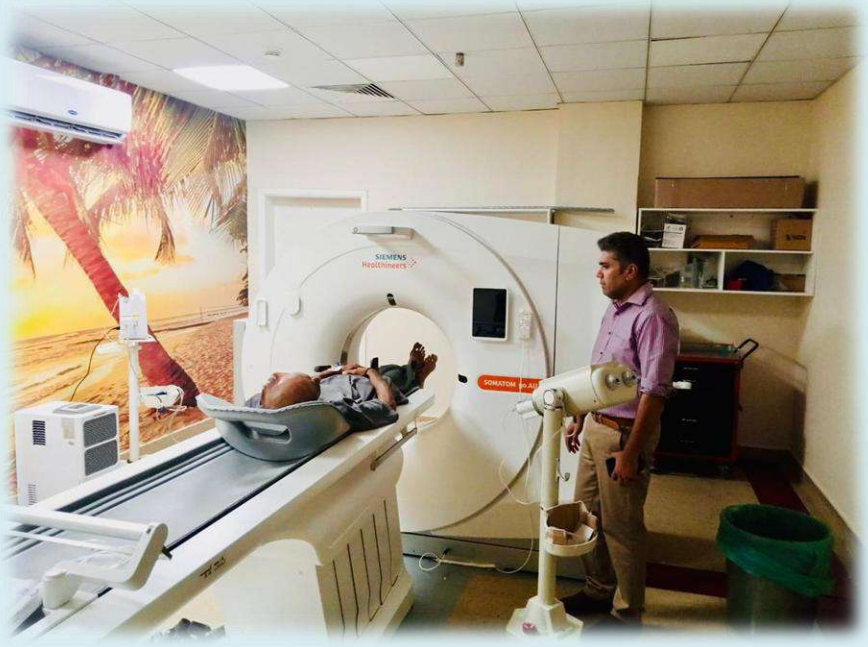
Echocardiography Lab



ETT Lab



Cardiac CT Lab



In-Patient Services



Lectures and Seminar Room









Events



World Heart Day



Bikeathon



ECG Workshop



Health Expo Exhibition



World Hypertension Day 2026







Annual Appreciation Event













Student Achievements

Our students have successfully secured National & International scholarships, including the HEC Scholarship and AI Scholarship under the Prime Minister's Youth Program, and Laptop Awards. The department continuously facilitates and encourages students to apply for merit- and need-based scholarship opportunities announced from time to time.

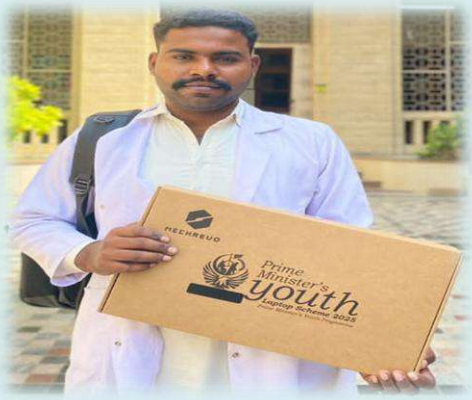
Scholarship winners of BS CVT Program



Hoorain Rashid



Habiba Nadeem



Farzand Ali (Winner of Prime Minister's Youth Laptop Scheme)

This is an exciting opportunity to embark on a rewarding career in one of the most crucial fields of modern healthcare. The Bachelor in Cardiac Care Technology program at DUHS offers the perfect foundation for students passionate about advancing cardiovascular health and making a difference in the lives of patients. Join us today!

(Sample of Affidavit should be on Rs. 100 stamp paper)

AFFIDAVIT

I, _____ S/o, D/o, am offered admission in BS Cardiac Care Technology Program at Dow Institute of Cardiology, Dow University of Health Sciences Karachi, hereby undertake that:

1. All my documents statement and particulars are true to the best of my knowledge. In case these are found false/ incorrect, I will be liable to refusal of my admission in "BS Cardiac Care Technology Program" by the university and if admitted would be liable to expelled from institute at any time during the course undertake that I will not get admission in any other college / university of Pakistan during this 04 years period.
2. I also hereby undertake that I have been informed about the fee structure for program and duly accepted by me. I will submit the prescribed fee within due dates and will not ask for any concession/waiver/relief in fee till the completion of the program.
3. I also undertake that after my final selection/provisional admission in BS Cardiac Care Technology program, I shall complete the program of four years. However, if I leave the seat before completion of program, I shall be liable to pay the penalty fee as per university rules and regulations for wasting the precious seat, else I will not be entitled to issuance any certificate/ document from the institution.
4. I also undertake that I hold PRC & domicile of Sindh Province only. In case of my domicile is found fake, my admission will be cancelled with immediate effect.
5. I also undertake that I will abide by all the rules and regulations of the university. If I fail to observe the discipline of university at any time during the program, the disciplinary action could be taken by the university authorities.

In case of violation of any of the above said rules / regulations, the DUHS has the full right to cancel my admission and will have no legal bindings upon DUHS.

_____
Candidate Signature
Candidate Name_____
CNIC No.:_____

Witness 01:
Name:_____
Signature:_____
CNIC No.:_____

Witness 02:
Name:_____
Signature:_____
CNIC No.:_____

Contact Information

Dow University of Health Sciences
Dow Institute of Cardiology
Website: www.duhs.edu.pk
Email: admissions@duhs.edu.pk