



MEDICAL TEACHING INSTITUTION (MTI)  
**College of Medical Technology (CMT)**  
BACHA KHAN MEDICAL COLLEGE (BKMC), MARDAN



Prospectus 2025-26

Version I



# WELCOME TO THE COLLEGE OF MEDICAL TECHNOLOGY

(Committed to excellence in Allied Health Sciences)



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## MESSAGES

### Message from Chairman Board of Governors, BKMC

Pakistan's growing health needs require a strong and skilled healthcare workforce. Allied Health Professionals contribute significantly to this effort through their essential roles in prevention, diagnosis, treatment, and patient care, making them vital to the strengthening of healthcare delivery.

The College of Medical Technology, under MTI Mardan, has established itself as a leading institution producing competent Allied Health Professionals. I am confident it will continue to contribute meaningfully to the healthcare sector, and I extend my full support for its progress and future success.

**Prof. Dr Arshad Javaid**

Chariman BOGs  
MTI, Mardan



## MESSAGES

### Project Director's Message

Modern healthcare relies on the collective efforts of skilled professionals working with physicians and nurses to achieve excellence in patient care. These professionals represent various Allied Health disciplines including Doctor of Physical Therapy, Anesthesia, Radiology, Cardiology, Dental, Medical Laboratory Technology and Surgical Technology.

As Project Director, I take pride in witnessing the steady growth and progress of the College. The tireless dedication of College Principal and its faculty members, combined with the commitment of students, continues to strengthen the institution's reputation as a center of excellence in Allied Health education. I remain deeply grateful to the Chairman BOG (MTI Mardan) for his continued support and guidance, which has been instrumental in the sustained development of CMT.



**Prof. Dr. Nazish Farooq**  
Dean/Project Director  
MTI CMT (BKMC)

## MESSAGES

### Principal's Message

Welcome to the College of Medical Technology (CMT), Bacha Khan Medical College (BKMC) Mardan. As a leading initiative in Allied Health Sciences, the College offering various programs including Doctor of Physical Therapy, Surgical, Anesthesia, Radiology, Dental, Cardiology, and Medical Laboratory Technology. Allied Health Professionals are vital members of the healthcare team, and CMT is committed to preparing graduates with the knowledge, clinical competence, and professional values required to meet today's healthcare challenges.

With a team of qualified faculty and well-structured academic programs, the College emphasizes both professional expertise and critical thinking. Our goal is to equip students with skills that not only meet the demands of the healthcare sector but also enable them to contribute effectively to patient care and the overall improvement of the health system.

**Dr. Nasir Ali**  
Associate Professor  
Principal  
MTI CMT (BKMC)



# COLLEGE OF MEDICAL TECHNOLOGY, BKMC MARDAN

## INTRODUCTION

The College of Medical Technology (CMT) is a constituent institution of MTI Bacha Khan Medical College (BKMC), Mardan, established in 2019 to advance Allied Health Sciences education in the region. The idea of founding the college was conceived by the **Board of Governors** to address the growing challenges in healthcare services and to strengthen education in the field of Allied Health Sciences. Its establishment also fulfilled the **Pakistan Medical & Dental Council (PMDC) requirement (Clause 46)**, which mandates the initiation of a degree-level allied health institution within ten years of a medical college's inception. By taking this initiative, MTI Mardan has become a pioneer in advancing Allied Health Education in the region.

CMT is housed in the **main academic block of Bacha Khan Medical College (BKMC), Mardan**, and is **affiliated with Khyber Medical University (KMU), Peshawar**. The college is also **accredited by the Allied Health Professionals Council (Reg. No. 140019)**. For practical training, students of CMT receive hands-on experience at the MTI Mardan Medical Complex, which serves as the teaching hospital. This ensures that students gain comprehensive clinical exposure alongside their academic learning. As a progressive institution in Allied Health Sciences, CMT is **committed to delivering high-quality education** and is continuously working towards **expanding its academic offerings** to meet the evolving needs of the healthcare sector.



## VISION of CMT

To be the premier source of educational excellence and training in Allied Health Sciences.

## MISSION of CMT

To provide innovative educational environment, opportunities and hands on experience that enables individuals, communities and the region to grow, thrive and prosper.

## PROGRAMS OFFERED

CMT offers 5 BS degree program (4 Years) in the following disciplines.

1. Medical Laboratory Technology

2. Anesthesia Technology

3. Dental Technology

4. Radiology Technology

5. Cardiology Technology

6. Surgical Technology

7. Doctor of Physical Therapy



## MEDICAL LABORATORY TECHNOLOGY

### INTRODUCTION

**Medical Laboratory Technology (MLT)** is the pioneer field of Allied Health Sciences which basically deals with Laboratory investigations in terms of diagnosis, treatment and monitoring of diseases. The program has been designed with competency-based education and skills that enable professionals to perform variety of laboratory tests, handle modern laboratory equipment and have potential to use the latest scientific methods for accurate, precise and reliable diagnosis. MLT has evolved greatly with the passage of time due to increase demand of well educated, trained and competent laboratory personnel.

The **Significance of MLT** can be understood from the fact that around 70% of all decisions regarding diagnosis, treatment, admission in the hospitals and discharge are solely based on the laboratory results. Medical Lab technologist possesses advance knowledge and skills which enables them to perform complex test or assays.

### CAREER:

A **Medical Laboratory Technologist/Scientist** works fulltime in hospital's laboratory, reference and research labs. However, they may also have opportunities of employment in forensic, food and environmental labs. Moreover, numerous manufacturer and supplier of

laboratory equipment and diagnostic kits also prefer experience Technologists for development of new products, sales and marketing of their products. A Medical Laboratory Technologist may pursue higher education like M.Phil and Ph.D in Medical Laboratory Sciences or other relevant fields. They can also work on academic or research positions at different universities.

**CMT** offers a four-year BS MLT program, where students will strongly be educated theoretically along with a robust emphasis on developing practical skills via rigorous training in the different labs of Mardan Medical Complex in order to meet the required challenges of modern health care system. This program will furnish the knowledge and skills which will enable a student to commence problem solving research, promote innovation in diagnosis along with monitoring and prevention of disease.



## Faculty



**Dr. Nasir Ali**

**Associate Professor MLT**

PhD, Biotechnology (Brazil)

M.Phil, Mol. Biology and Biotechnology (UVAS)

MSc, Mol. Biology and Biotechnology (UOL)

BSc, MLT (BMU)

CHPE (NUMS)



**Mr. Muhammad Hilal Jan**

**Lecturer MLT**

M.Phil, Microbiology (QAU)

BSc (Hons) MLT, (NIH/KEMU)

DMLT (Punjab Medical Faculty)



**Mr. Hidayat Khan**

**Lecturer MLT**

M.Phil (KUST)

MSc Microbiology (AU)

BSc- MLT (BMU)



**Mr. Muhammad Owais**

**Lecturer MLT**

M.Phil-MLS (UOH)

BS – MLT (KMU)

## Course Structure BS MLT

### Semester 1

Subject ID	Subject Name	Credit Hours
PMS601	Biochemistry-I	4.00
PMS602	Human Physiology-I	4.00
PMS603	Human Anatomy-I	4.00
PMS604	English-I	2.00
PMS605	Pak Studies	2.00
PMS606	Computer Skills	2.00

### Semester 2

Subject ID	Subject Name	Credit Hours
PMS607	Biochemistry-II	4.00
PMS608	Human Physiology-II	4.00
PMS609	Human Anatomy-II	4.00
PMS610	English-II	2.00
PMS611	Islamic Studies	2.00

### Semester 3

Subject ID	Subject Name	Credit Hours
PMS612	General Pathology-I	3.00
PMS614	General Pharmacology-I	3.00
MLT602	Clinical Bacteriology	3.00
MLT601	Hematology-I	3.00
MLT603	Molecular Biology	3.00
PMS615	Communication Skills	2.00

### Semester 4

Subject ID	Subject Name	Credit Hours
PMS617	General Pathology-II	3.00
PMS616	General Pharmacology-II	3.00
MLT605	Red Blood Cell Disorders	3.00
MLT606	Diagnostic Bacteriology	3.00
PMS607	Human Genetics	3.00
PMS619	Behavioral Sciences	2.00

## Course Structure BS MLT

Semester 5		
Subject ID	Subject Name	Credit Hours
MLT608	WBCs and Platelet Disorders	3.00
MLT609	Clinical Parasitology	3.00
MLT610	Chemical Pathology	3.00
MLT611	Clinical Pathology	3.00
MLT612	Laboratory Mathematics	3.00
MLT613	Biotechnology	3.00

Semester 6		
Subject ID	Subject Name	Credit Hours
MLT614	Blood Banking	3.00
MLT615	Immunology & Serology	3.00
MLT616	Medical Laboratory Instrumentation	3.00
MLT617	Clinical Virology and Mycology	3.00
MLT618	Cytology and Cytogenetics	3.00
MLT619	Histo-techniques	3.00

Semester 7		
Subject ID	Subject Name	Credit Hours
MLT620	Laboratory Management Skills	3.00
MLT621	Bioinformatics	3.00
PMS621	Research Methodology	3.00
PMS622	Biostatistics	3.00
PMS623	Epidemiology	2.00
MLT624	Biosafety and Security	2.00

Semester 8		
Subject ID	Subject Name	Credit Hours
MLT622	Toxicology & Forensic Serology	3.00
PMS627	Seminar	3.00
PMS626	Research Project/Final Project	3.00
PMS625	Bioethics	3.00

# ANESTHESIA TECHNOLOGY

## INTRODUCTION

Bachelor of Science in Anesthesia Technology is one of the allied health sciences educational programs during which students become familiar with advance anesthetic techniques, principles and drugs. **Safe Surgical procedure would not be possible without safe Anesthesia.** Anesthesia Technologists are members of a specialized team, work in collaboration with surgical team to ensure safe anesthesia for safe and painless surgical procedures. The responsibilities of such professionals are to prepare the anesthetic drug, instruments and assist the anesthesiologist to perform peri-operative patient care.

In recent era, the anesthesiology has become specialized as subspecialty trained anesthesia professionals are available in many areas like General, Cardiac, Gynae & Obstetrics and Critical care unit. Moreover, students will be able to open the door of new research in anesthesia technology and ensure the safety of the patient at the maximum.

## CAREER:

There are many job opportunities for the Anesthesia Technologists as they will be mainly employed in Operating theatre suites, but can be found in other areas of clinical practice including emergency departments and intensive care units (ICU).

**CMT** offers a four-year BS Anesthesia degree program, where students will be educated theoretically along with a robust emphasis on developing practical skills via rigorous training in the different sections of the Operating Room to meet the required challenges of the modern health care system.



## Faculty



**Mr. Bahrul Amin**

**Lecturer Anesthesia**

MS AHS–Anesthesia Technology (SU)

MPH (AUST)

BS Anesthesia (KMU)



**Mr. Muhammad Asad**

**Lecturer Anesthesia**

MS AHS–Anesthesia Technology (SU)

MPH (SUIT)

BS Anesthesia (KMU)



**Muhammad Tayyeb**

**Lecturer Anesthesia**

MS AHS–Anesthesia Technology (SU)

BS Anesthesia (KMU)

MPH, CCTM, CHR



**Mr. Naqash Ahmad**

**Lecturer Anesthesia**

MS AHS–Anesthesia Technology (SU)

MPH (AWKUM)

BS Anesthesia (KMU)



**Miss. Ayesha Jehad**

**Lecturer Anesthesia**

BS Anesthesia (KMU)

## Course Structure BS Anesthesia

### Semester 1

Subject ID	Subject Name	Credit Hours
PMS601	Biochemistry-I	4.00
PMS602	Human Physiology-I	4.00
PMS603	Human Anatomy-I	4.00
PMS604	English-I	2.00
PMS605	Pak Studies	2.00
PMS606	Computer Skills	2.00

### Semester 2

Subject ID	Subject Name	Credit Hours
PMS607	Biochemistry-II	4.00
PMS608	Human Physiology-II	4.00
PMS609	Human Anatomy-II	4.00
PMS610	English-II	2.00
PMS611	Islamic Studies	2.00

### Semester 3

Subject ID	Subject Name	Credit Hours
PMS612	General Pathology-I	3.00
PMS614	General Pharmacology-I	3.00
MLT601	Hematology I	3.00
PMS615	Communication Skills	2.00
PMS613	Medical Microbiology-I	3.00
ANS601	Anatomy Related to Anesthesia	3.00

### Semester 4

Subject ID	Subject Name	Credit Hours
PMS617	General Pathology-II	3.00
PMS616	General Pharmacology-II	3.00
ANS604	Community Medicine	2.00
MLT604	Hematology II	3.00
ANS602	Physiology Related to Anesthesia	3.00
ANS603	Physics related to Anesthesia	3.00

## Course Structure BS Anesthesia

Semester 5		
Subject ID	Subject Name	Credit Hours
ANS605	Pharma related to Anesthesia	3.00
ANS606	Anesthesia Equipments	3.00
ANS607	History Taking, Pre-operative assessment & Medication, Post-Operative Care	3.00
ANS608	Anesthesia & Co-existing Disease	3.00
ANS609	Critical care	3.00
ANS610	Leadership & Management	2.00

Semester 6		
Subject ID	Subject Name	Credit Hours
ANS619	Electrocardiograph for Anesthetist	2.00
ANS611	Different types of Anesthesia	3.00
ANS612	Anesthesia related Complications and their Management	3.00
ANS613	Anesthesia for Cardiology Surgery	3.00
ANS614	Anesthesia for Neuro, Emergency & Geriatric Surgery	3.00
ANS617	Anesthesia for ENT Surgery	3.00

Semester 7		
Subject ID	Subject Name	Credit Hours
ANS615	Anesthesia for G/Surgery orthopedic & Urological Procedure	3.00
PMS622	Biostatistics	3.00
ANS616	ANT for Eye Surgical Procedures	3.00
ANS618	Anesthesia for Obstetrics and Pediatric Surgery	3.00
PMS621	Research Methodology	3.00
PMS623	Epidemiology	2.00

Semester 8		
Subject ID	Subject Name	Credit Hours
PMS626	Research Project	6.00
PMS627	Seminar	2.00
ANS620	Anesthesia for Dental, Maxillofacial, H & Neck Surgery	3.00
PMS625	Bioethics	2.00

## INTRODUCTION

Dental Technology; a science which deals with esthetics, functional stability and artificial replacements of oral structures.

**Significance of BS Dental** is clear from the fact that dentists, maxillofacial surgeons, Prosthodontists or any other dental professional cannot work without a Dental Technologist. They possess advance knowledge and skills which enable them to perform an effective role in delivering simple dental treatment. Moreover, they have command over lab work as well like construction of crown, bridges, implants, dentures, ocular prosthesis, craniofacial prosthesis, auxiliaries, and mouth guards.

### **CAREER:**

A **Dental Technologist** may have opportunity in both Private and Public Sector University as teaching faculty and in hospitals as Dental Technologist where they can assist complex dental surgical procedures including

maxillofacial surgeries. They may also open dental labs where dental prosthetics are manufactured.

**CMT** offers 4 years BS program, where students will learn theoretical knowledge with strong emphasis on furnishing practical skills. CMT is committed to provide opportunity to all the students who aspired to become highly qualified health specialists and enable them to work as professional.



## Faculty



**Ms. Sadaf Gul**  
Lecturer Dental  
BS Dental Technology (KMU)



**Ms. Sana Batool**  
Lecturer Dental  
BS Dental Technology (KMU)



**Ms. Uroosa Zeb**  
Lecturer Dental  
BS Dental Technology (KMU)



**Ms. Sana Ali**  
Lecturer Dental  
BS Dental Technology (KMU)



**Ms. Iqra Ijaz**  
Lecturer Dental  
BS Dental Technology (KMU)

## Course Structure BS Dental

Semester 1		
Subject ID	Subject Name	Credit Hours
PMS601	Biochemistry-I	4.00
PMS602	Human Physiology-I	4.00
PMS603	Human Anatomy-I	4.00
PMS604	English-I	2.00
PMS605	Pak Studies	2.00
PMS606	Computer Skills	2.00

Semester 2		
Subject ID	Subject Name	Credit Hours
PMS607	Biochemistry-II	4.00
PMS608	Human Physiology-II	4.00
PMS609	Human Anatomy-II	4.00
PMS610	English-II	2.00
PMS611	Islamic Studies	2.00

Semester 3		
Subject ID	Subject Name	Credit Hours
PMS612	General Pathology-I	3.00
PMS614	General Pharmacology-I	3.00
PMS615	Communication Skills	2.00
PMS613	Medical Microbiology-I	3.00
DEN601	Chemistry of Dental Materials-I	3.00
DEN602	Oral Histology	3.00

Semester 4		
Subject ID	Subject Name	Credit Hours
PMS619	Behavioral Sciences	2.00
DEN603	Tooth Morphology	3.00
DEN604	Dental Materials-II	3.00
DEN605	Periodontology	3.00
DEN606	Oral Pathology & Oral Medicine	3.00
PMS616	General Pharmacology-II	3.00

## Course Structure BS Dental

Semester 5		
Subject ID	Subject Name	Credit Hours
DEN607	Partial denture prosthodontics	3.00
DEN608	Oral pathology and oral Med-II	3.00
DEN609	Minor oral surgery-I	3.00
DEN610	Community & preventive DNT	3.00
DEN611	Fundamentals of oral And maxillofacial radiology	3.00
DEN612	Operative dentistry	3.00

Semester 6		
Subject ID	Subject Name	Credit Hours
DEN613	Endodontics	3.00
DEN614	Complete Denture Prosthodontics	3.00
DEN615	Orthodontics-i	3.00
DEN616	Pediatric dentistry	3.00
DEN619	Fundamentals of implantology	3.00
DEN621	Minor oral surgery-II	3.00

Semester 7		
Subject ID	Subject Name	Credit Hours
DEN617	Orthodontics-ii	3.00
DEN618	Fixed prosthodontics	3.00
PMS624	Fundamental of Infection control	3.00
PMS621	Research methodology	3.00
PMS622	Biostatistics	3.00
PMS623	Epidemiology	3.00

Semester 8		
Subject ID	Subject Name	Credit Hours
PMS626	Research Project	6.00
PMS627	Seminar	1.00
PMS625	Bioethics	1.00
DEN622	Maxillofacial Prosthodontics	1.00
DEN620	Medical emergencies in dental practice	3.00

## RADIOLOGY TECHNOLOGY

### INTRODUCTION

Radiology Technology (now a day's known as Medical Imaging Technology) is an emerging field which encompasses a variety of advanced imaging modalities that are used in medical diagnosis and interventional procedures. Medical Imaging is undergoing a revolution from analog imaging to digital imaging. It shifted from conventional x-ray to new modalities such as Magnetic Resonance imaging (MRI).

The **significance of Radiology** can be understood from the disease management, with a wide choice of tools and techniques available for the detection, staging and treatment of various diseases. A variety of imaging techniques such as radiation-based modalities i.e plain radiography, fluoroscopy, computed tomography (CT), nuclear medicine, magnetism-based modality i.e magnetic resonance imaging (MRI) and ultrasound, are used to diagnose or treat diseases. Interventional radiology is the performance of usually minimally invasive medical procedures with the guidance of imaging technologies.

### CAREER:

There is an acute shortage of Medical Imaging technologists country wide; because of which, there is a great scope for graduates having BS in Medical Imaging

Technology in public and private sectors throughout Pakistan. The employment opportunities are excellent abroad as well specially in Middle East, Australia, USA, and Canada. It is an internationally recognized profession with great career opportunities. The Radiology Technologist can work as computed Tomography technologist, Sonographer, Mammographer, Nuclear Medicine Technologist, and Magnetic resonance Imaging Technologist

**CMT** (College of Medical Technology) offers four-years BS Radiology program, where the students will completely be educated theoretically as well as practically via proper training in the different sections of Radiology department in Mardan Medical Complex in order to meet the required challenges of modern health care system.



## Faculty



**Mr. Muhammad Shahzeb**

**Lecturer Radiology**

MS Diagnostic Ultrasound (UoL-Lahore)

MPH(AUST)

BS Radiology (KMU)



**Mr. Yasir Shahid**

**Lecturer Radiology**

MS Diagnostic Ultrasound (UoL-Lahore)

BS Radiology (KMU)



**Ms. Sadiqa**

**Lecturer Radiology**

BS Radiology (KMU)

## Course Structure BS Radiology

Semester 1		
Subject ID	Subject Name	Credit Hours
PMS601	Biochemistry-I	4.00
PMS602	Human Physiology-I	4.00
PMS603	Human Anatomy-I	4.00
PMS604	English-I	2.00
PMS605	Pak Studies	2.00
PMS606	Computer Skills	2.00

Semester 2		
Subject ID	Subject Name	Credit Hours
PMS607	Biochemistry-II	4.00
PMS608	Human Physiology-II	4.00
PMS609	Human Anatomy-II	4.00
PMS610	English-II	2.00
PMS611	Islamic Studies	2.00

Semester 3		
Subject ID	Subject Name	Credit Hours
RAD601	Regional and Radiological Anatomy -I	3.00
RAD602	General Radiology	3.00
RAD603	Radiation Science and Technology	2.00
PMS612	General Pathology-I	3.00
PMS614	General Pharmacology-I	3.00
PMS615	Communication Skills	2.00

Semester 4		
Subject ID	Subject Name	Credit Hours
RAD604	Clinical Medicine-I	2.00
RAD605	Regional and Radiology Anatomy II	3.00
RAD606	Conventional Radiological Procedures & Clinical practice	4.00
RAD607	Radiological Positioning & Clinical Practice	4.00
RAD608	Computed & Digital Radiography	2.00
RAD609	Radiobio & Radiation Protection	2.00

## Course Structure BS Radiology

Semester 5		
Subject ID	Subject Name	Credit Hours
<b>RAD610</b>	Computed Tomography (CT)	4.00
<b>RAD611</b>	Mammography & Special Radiological techniques	3.00
<b>RAD612</b>	Magnetic Resonance Imaging (MRI)	4.00
<b>SUR608</b>	General Surgery	2.00
<b>RAD613</b>	Interventional Radiology	2.00
<b>RAD614</b>	Clinical Medicine-II	2.00

Semester 7		
Subject ID	Subject Name	Credit Hours
<b>RAD619</b>	Clinical Sonography	4.00
<b>RAD620</b>	Angiography & Cardiac Imaging	4.00
<b>RAD622</b>	Echocardiography	2.00
<b>RAD624</b>	Clinical Pathology & Radiological Presentation-II	2.00
<b>PMS621</b>	Research Methodology	3.00
<b>PMS622</b>	Biostatistics	3.00

Semester 6		
Subject ID	Subject Name	Credit Hours
<b>RAD615</b>	Radiological & Cross-Sectional Anatomy	3.00
<b>RAD616</b>	Computed Tomography (CT) Procedure & Clinical Practice	3.00
<b>RAD617</b>	MRI Procedures & Clinical Practice	3.00
<b>RAD618</b>	Therapeutic Radiology	3.00
<b>RAD621</b>	Nuclear Medicine	3.00
<b>RAD626</b>	Clinical Pathology & Radiological Presentation-I	2.00

Semester 8		
Subject ID	Subject Name	Credit Hours
<b>PMS626</b>	Research Project	6.00
<b>PMS625</b>	Bioethics	2.00
<b>RAD625</b>	Patient Care & Management	2.00
<b>PMS627</b>	Seminar	1.00

# CARDIOLOGY TECHNOLOGY

## INTRODUCTION

Cardiology Technology is an emerging and highly specialized field within Allied Health Sciences. This discipline covers a wide range of invasive and non-invasive procedures used for diagnostic, therapeutic, and preventive purposes in cardiovascular care. Major procedures in this field include Electrocardiography (ECG), Stress ECG (ETT), Echocardiography (ECHO), Electrophysiology (EP), Interventional Cardiology, Preventive Cardiology, Nuclear Cardiology, and Cardiac Surgery. In addition to these clinical aspects, Cardiology Technology also emphasizes on cardiovascular research, particularly in advancing knowledge within cardiovascular sciences and improving cardiovascular care.

## CAREER:

Cardiology Technologists have diverse career opportunities in both public and private sector hospitals, universities, and research institutions. They may serve as teaching faculty in academic settings and as clinical technologists assisting in invasive cardiovascular procedures such as the implantation of cardiac catheters during angiography or angioplasty, pacemaker insertions, electrophysiology studies, and supporting cardiac surgeons during open-heart surgeries.

In the non-invasive domain, Cardiology Technologists are trained to perform and interpret procedures such as Electrocardiography, Echocardiography, and Exercise Tolerance Testing (ETT). Their expertise also extends to advanced diagnostic and monitoring techniques, including Ambulatory Blood Pressure monitoring, Holter/Event monitoring, and other specialized procedures. Furthermore, they have opportunities

to contribute to cardiovascular research organizations, focusing on innovations in diagnosis, treatment, and prevention of heart diseases.

**CMT** plays a vital role in preparing professional Cardiac Technologists through its comprehensive four-year BS degree program in Cardiology Technology. The curriculum integrates theoretical learning with practical training to ensure competency in both academic and clinical domains.

Students undergo structured clinical rotations in affiliated hospitals, where they gain first-hand exposure to a variety of cardiovascular conditions and procedures. These rotations provide practical experience in diagnostic and therapeutic practices such as ECG, ETT, Echocardiography, Ambulatory BP monitoring, Event/Loop monitoring, and interventional procedures. Alongside clinical training, students are also encouraged to participate in research activities, enabling them to develop problem-solving skills and contribute to advancements in cardiovascular sciences. Through this program, CMT aims to equip graduates with the knowledge, skills, and research capacity required to meet the growing challenges of cardiovascular healthcare and to excel as competent professionals in the field.



## Faculty



**Mr. Abid Ullah Shah**

**Lecturer Cardiology**

MS AHS-Cardiology Technology (SU)  
MPH (AUST), BS Cardiology (KMU),  
CHR (AKU)



**Mr. Waleed Ahmad**

**Lecturer Cardiology**

MSc Public Nutrition (AIOU)  
BS Cardiology (KMU)



**Mr. Syed Arshad Ullah**

**Lecturer Cardiology**

MS Epidemiology & Biostatistics (KMU)  
BS Cardiology (KMU)



**Mr. Adeel Ahmad Khalil**

**Lecturer Cardiology**

BS Cardiology (KMU)



**Mr. Jaffar Iqbal**

**Lecturer Cardiology**

BS Cardiology (KMU)

## Course Structure BS Cardiology

Semester 1		
Subject ID	Subject Name	Credit Hours
PMS601	Biochemistry-I	4.00
PMS602	Human Physiology-I	4.00
PMS603	Human Anatomy-I	4.00
PMS604	English-I	2.00
PMS605	Pak Studies	2.00
PMS606	Computer Skills	2.00

Semester 2		
Subject ID	Subject Name	Credit Hours
PMS607	Biochemistry-II	4.00
PMS608	Human Physiology-II	4.00
PMS609	Human Anatomy-II	4.00
PMS610	English-II	2.00
PMS611	Islamic Studies	2.00

Semester 3		
Subject ID	Subject Name	Credit Hours
MLT-601	Hematology-I	3.00
PMS-613	Medical Microbiology-I	3.00
CAR-601	Cardiopulmonary Anatomy	3.00
PMS-614	Pharmacology-I	3.00
PMS-615	Communication Skills	2.00
PMS-612	General Pathology-I	3.00

Semester 4		
Subject ID	Subject Name	Credit Hours
MLT-604	Hematology- II	3.00
PMS-616	Pharmacology- II	3.00
PMS-617	Pathology- II	3.00
PMS-618	Medical microbiology- II	3.00
CAR-602	Electrocardiography- I	3.00
CAR-603	Cardiopulmonary Physiology	3.00

## Course Structure BS Cardiology

Semester 5		
Subject ID	Subject Name	Credit Hours
CAR-604	Clinical Medicine-I	3.00
CAR-605	Electrophysiology	3.00
CAR-606	Echocardiography-I	3.00
CAR-607	Electrocardiography-II	3.00
CAR-608	Interventional Cardiology	3.00
CAR-609	Medical Physics	3.00

Semester 6		
Subject ID	Subject Name	Credit Hours
CAR-616	Critical Care	3.00
CAR-610	Clinical Medicine-II	3.00
CAR-618	Cardiac Surgery	3.00
CAR-611	Diagnostic Equipments in Cardiology	3.00
CAR-612	Echocardiography-II	3.00
CAR-613	Pulmonary Diseases	3.00

Semester 7		
Subject ID	Subject Name	Credit Hours
CAR-614	Nuclear Cardiology	3.00
CAR-615	Heart Diseases	3.00
PMS-621	Research Methodology	3.00
CAR-617	Preventive Cardiology	3.00
PMS-623	Epidemiology	2.00
PMS-622	Biostatistics	3.00

Semester 8		
Subject ID	Subject Name	Credit Hours
PMS-626	Research Project	6.00
PMS-627	Seminar	1.00
CAR-619	Advanced Interventional Cardiology	4.00
PMS-625	Bioethics	2.00

## SURGICAL TECHNOLOGY

### INTRODUCTION

Surgical Technology is an emerging field within Allied Health Sciences. This discipline focuses on assisting surgical teams during a wide range of invasive procedures, encompassing diagnostic, therapeutic, and preventive aspects of surgical care. Surgical Technologists play a key role in preoperative, intraoperative, and postoperative procedures. Their expertise includes surgical instrumentation, sterilization techniques, operating room (OR) preparation, assistance during surgeries, and maintaining aseptic conditions. The scope of this field covers multiple specialties, including general surgery, orthopedics, neurosurgery, cardiovascular surgery, plastic surgery, and more. In addition to clinical practice, the field also encourages medical research, particularly in surgical innovations and patient safety.

### **CAREER:**

Surgical Technologists have broad career opportunities in both public and private sector hospitals, medical institutions, and universities. They may serve as operating room assistants, scrub technologists, surgical first assistants, sterilization and equipment technicians, or as educators and instructors in academic settings. As essential members of surgical teams, they provide critical assistance during complex procedures by preparing and

maintaining the sterile field, handing instruments and supplies to surgeons, ensuring all surgical instruments are sterilized and functional, and anticipating the needs of surgeons during operations. They also play an important role in post-operative care, documentation, and the safe handling of surgical specimens. In addition, Surgical Technologists may contribute to research organizations by engaging in studies related to surgical techniques, infection control, and operating room efficiency.

**CMT** will play a vital role in preparing future Surgical Technologists through its comprehensive four-year BS degree program in Surgical Technology. The curriculum combines theoretical education with hands-on clinical training in real hospital environments. Students are provided opportunities to participate in clinical rotations across different departments, which enable them to gain practical experience in a wide range of surgical procedures, understand sterile techniques, patient positioning, instrument handling, and operating room protocols, and develop teamwork and communication skills essential for a high-pressure surgical setting. Furthermore, the program introduces students to medical research, encouraging innovation and problem-solving in surgical care. CMT is committed to producing skilled, competent, and research-oriented professionals who are well-prepared to meet the evolving challenges of the modern healthcare system.

## Course Structure BS Surgical

### Semester 1

Subject ID	Subject Name	Credit Hours
PMS-601	Medical Biochemistry-I	4.00
PMS-602	Human Physiology-I	4.00
PMS-603	Human Anatomy-I	4.00
PMS-604	English-I	2.00
PMS-605	Pak Studies	2.00
PMS-606	Computer Skills	2.00

### Semester 2

Subject ID	Subject Name	Credit Hours
PMS607	Medical Biochemistry-II	4.00
PMS608	Human Physiology-II	4.00
PMS609	Human Anatomy-II	4.00
PMS610	English-II	2.00
PMS611	Islamic Studies	2.00

### Semester 3

Subject ID	Subject Name	Credit Hours
SUR-601	Surgical Instruments /Equipments and Biosafety	3.00
PMS-612	General Pathology-I	3.00
PMS-613	Medical Microbiology-I	3.00
PMS-615	Communication Skills	2.00
PMS-614	Pharmacology I	3.00
MLT-601	Hematology I	3.00

### Semester 4

Subject ID	Subject Name	Credit Hours
SUR-602	Surgical Setup and Positioning	3.00
PMS-616	Pharmacology-II	3.00
PMS-618	Medical Microbiology-II	3.00
RAD-610	Diagnostic imaging	2.00
PMS-617	Pathology-II	3.00
PMS-619	Behavioral Sciences	2.00
SUR-603	Sterilization and Disinfection	2.00

## Course Structure BS Surgical

Semester 5		
Subject ID	Subject Name	Credit Hours
<b>SUR-604</b>	Surgical Emergency	3.00
<b>SUR-605</b>	Minor Surgery	3.00
<b>SUR-606</b>	Ent Surgery	3.00
<b>ANS-606</b>	Anesthesia Equipments	3.00
<b>SUR-607</b>	Clinical OperativeThoracic Surgery	3.00
<b>SUR-608</b>	General Surgery	3.00

Semester 6		
Subject ID	Subject Name	Credit Hours
<b>PMS-622</b>	Biostatistics	3.00
<b>SUR-609</b>	Perioperative Care	3.00
<b>PMS-621</b>	Research Methodology	3.00
<b>SUR-610</b>	Clinical Operative General Surgery	3.00
<b>SUR-611</b>	Clinical OperativeGynecology Obstetrics	3.00
<b>SUR-612</b>	Diagnostic And Endoscopic Surgery	3.00

Semester 7		
Subject ID	Subject Name	Credit Hours
<b>PMS-624</b>	Fundamental of Infection Control	2.00
<b>SUR-613</b>	Clinical OperativePediatric Surgery	3.00
<b>SUR-614</b>	Clinical Operative Ophthalmic Surgery	3.00
<b>SUR-615</b>	Clinical Operative Neurosurgery	3.00
<b>PMS-623</b>	Epidemiology	2.00
<b>SUR-616</b>	Clinical operative Urology Surgery	3.00

Semester 8		
Subject ID	Subject Name	Credit Hours
<b>PMS-626</b>	Research Project	6.00
<b>PMS-627</b>	Seminar	1.00
<b>SUR-618</b>	Operating Room Management	2.00
<b>PMS-625</b>	Bioethics	2.00
<b>SUR-617</b>	Clinical Operative Orthopedic Surgery	3.00

## DOCTOR OF PHYSICAL THERAPY

### INTRODUCTION

Doctor of Physiotherapy (DPT) is a rapidly growing discipline within Allied Health Sciences. This field focuses on the prevention, treatment, and rehabilitation of patients with physical disabilities, musculoskeletal disorders, neurological conditions, and other functional impairments. Physiotherapists play a vital role in restoring movement, relieving pain, and improving the overall quality of life through evidence-based therapeutic techniques.

The scope of Physiotherapy extends across orthopedic, neurological, cardiopulmonary, pediatric, sports, and geriatric rehabilitation. Alongside direct patient care, the profession emphasizes health promotion, preventive strategies, and clinical research in rehabilitation sciences, contributing to the advancement of healthcare and community well-being.

### CAREER:

Physiotherapists have extensive career opportunities in public and private healthcare facilities, rehabilitation centers, sports organizations, and academic institutions. They may serve as clinical physiotherapists in hospitals and rehabilitation centers, sports physiotherapists working with athletic teams and clubs, pediatric or geriatric rehabilitation specialists, neuro-rehabilitation and cardiopulmonary experts, educators and instructors in academic settings, and researchers in the field of rehabilitation sciences.

Their professional responsibilities include assessing and diagnosing physical impairments and functional limitations, designing and implementing individualized treatment plans,

applying therapeutic exercises, electrotherapy, and manual techniques, supporting post-operative recovery and rehabilitation, educating patients and families about preventive care and self-management, and contributing to research those advances rehabilitation methods and improves patient outcomes.

**CMT** is committed to preparing competent and skilled Physiotherapists through its comprehensive five-year Doctor of Physiotherapy (DPT) program. The curriculum integrates strong theoretical foundations with practical training, ensuring that students are fully prepared to work in diverse clinical environments.

Students undergo extensive clinical rotations in hospitals and rehabilitation centers, where they gain hands-on experience in managing a wide range of conditions. These rotations help them develop advanced skills in manual therapy, exercise prescription, electrotherapy, and patient counseling, while also training them to work effectively in multidisciplinary teams alongside physicians, surgeons, and other healthcare providers. Throughout the program, students are encouraged to strengthen their communication, problem-solving, and patient management skills, which are essential for professional practice. Moreover, CMT emphasis on research and innovation, encouraging students to contribute to advancements in rehabilitation sciences.

## Course Structure Doctor of Physical Therapy

Semester 1		
Subject ID	Subject Name	Credit Hours
RSC-601	ANATOMY -I	4.00
RSC-602	PHYSIOLOGY-I	3.00
RSC-603	KINESIOLOGY & BIOMECHANICS-I	3.00
RSC-604	ENGLISH-I	3.00
RSC-605	PAKISTAN STUDIES	2.00
RSC-606	INTRODUCTION TO COMPUTER	3.00

Semester 2		
Subject ID	Subject Name	Credit Hours
RSC-611	ANATOMY -II	4.00
RSC-612	PHYSIOLOGY-II	3.00
RSC-613	KINESIOLOGY & BIOMECHANICS -II	3.00
RSC-614	ENGLISH-II	3.00
RSC-615	ISLAMIC STUDIES / ETHICS	2.00
RSC-616	MEDICAL PHYSICS	3.00

Semester 3		
Subject ID	Subject Name	Credit Hours
RSC-621	ENGLISH-III	3.00
RSC-622	ANATOMY -III	3.00
RSC-623	PHYSIOLOGY-III	3.00
RSC-624	BIOMECHANICS & ERGONOMICS-I	3.00
RSC-625	BIOCHEMISTRY & GENETICS-I	2.00
RSC-626	SOCIOLOGY	2.00
RSC-627	HEALTH & WELLNESS	2.00

Semester 4		
Subject ID	Subject Name	Credit Hours
RSC-631	ANATOMY -IV	3.00
RSC-632	BIOMECHANICS & ERGONOMICS-II	3.00
RSC-633	BEHAVIORAL SCIENCES ( <i>Psychiatry &amp; Psychology</i> )	3.00
RSC-634	BIOCHEMISTRY & GENETICS-II	2.00
RSC-635	EXERCISE PHYSIOLOGY	3.00
RSC-636	HUMAN GROWTH, DEVELOPMENT & COMMUNITY BASED REHABILITATION	2.00

## Course Structure Doctor of Physical Therapy

Semester 5		
Subject ID	Subject Name	Credit Hours
RSC-641	PATHOLOGY & MICROBIOLOGY-I	2.00
RSC-642	PHARMACOLOGY-I	3.00
DPT-641	PHYSICAL AGENTS & ELECTROTHERAPY -I	3.00
DPT-642	THERAPEUTIC EXERCISES & TECHNIQUES	3.00
RSC-643	PROSTHETICS & ORTHOTICS	2.00
DPT-643	PROFESSIONAL PRACTICE (LAWS, ETHICS, ADMINISTRATION)	2.00
DPT-640	SUPERVISED CLINICAL PRACTICE-I	3.00

Semester 6		
Subject ID	Subject Name	Credit Hour
RSC-651	PATHOLOGY & MICROBIOLOGY-II	3.00
RSC-652	PHARMACOLOGY-II	2.00
DPT-651	PHYSICAL AGENTS & ELECTROTHERAPY -II	3.00
DPT-652	MANUAL THERAPY	3.00
RSC-653	TEACHING METHODOLOGY & COMMUNITY MEDICINE	3.00
DPT-650	SUPERVISED CLINICAL PRACTICE-II	3.00

Semester 7		
Subject ID	Subject Name	Credit Hours
RSC-661	MEDICINE-I	3.00
RSC-662	SURGERY-I	3.00
RSC-663	RADIOLOGY & DIAGNOSTIC IMAGING	3.00
DPT-661	MUSCULOSKELETAL PHYSICAL THERAPY	3.00
RSC-664	BIOSTATISTICS-I	3.00
DPT-660	SUPERVISED CLINICAL PRACTICE-III	3.00

Semester 8		
Subject ID	Subject Name	Credit Hours
RSC-671	MEDICINE-II	3.00
RSC-672	SURGERY-II	3.00
DPT-671	NEUROLOGICAL PHYSICAL THERAPY	3.00
RSC-673	EVIDENCE BASED PRACTICE	3.00
RSC-674	BIOSTATISTICS-II/ UNIVERSITY OPTIONAL	3.00
DPT-670	SUPERVISED CLINICAL PRACTICE-IV	3.00

## Course Structure Doctor of Physical Therapy

Semester 9		
Subject ID	Subject Name	Credit Hours
DPT-681	CARDIOPULMONARY PHYSICAL THERAPY	3.00
DPT-682	EMERGENCY PROCEDURES AND PRIMARY CARE	2.00
DPT-683	CLINICAL DECISION MAKING & DIFFERENTIAL DIAGNOSIS	3.00
RSC-681	SCIENTIFIC INQUIRY & RESEARCH METHODOLOGY	3.00
DPT-684	GERONTOLOGY AND GERIATRIC PHYSICAL THERAPY	2.00
DPT-685	INTEGUMENTRY PHYSICAL THERAPY	2.00
DPT-680	SUPERVISED CLINICAL PRACTICE-V	3.00

Semester 10		
Subject ID	Subject Name	Credit Hours
DPT-691	GYNAECOLOGY & OBSTETRICS PHYSICAL THERAPY	2.00
DPT-692	PAEDIATRIC PHYSICAL THERAPY	2.00
DPT-693	SPORTS PHYSICAL THERAPY	2.00
DPT-690	SUPERVISED CLINICAL PRACTICE-VI	4.00
DPT-699	RESEARCH PROJECT	6.00

### LIST OF VISITING FACULTY & TEACHING STAFF

S No.	Name	Designation
1.	Ms. Neelam	Lecturer English
2.	Mr. Shoaib khan	Lecturer Computer
3.	Ms. Maria	Lecturer Pak-study

### LIST OF ADMINISTRATIVE STAFF

S No.	Name	Designation
1.	Mr. Fahad Sirtaj	Account Officer
2.	Mr. Wasid Amin	Store keeper
3.	Mr. Muhammad Shoaib khan	Computer Operator

### LIST OF TECHNICAL STAFF

S No.	Name	Designation
1.	Mr. Syed Muhammad Bilal	JCT Radiology
2.	Mr. Faiq Khan	JCT Cardiology
3.	Mr. Wasim Ullah	JCT Medical Lab Technology
4.	Mr. Sher Rahman	JCT Medical Lab Technology
5.	Mr. Muhammad Idrees	JCT Anesthesia

### **Lecture Halls:**

All lecture halls are air conditioned and fully equipped with multimedia, white boards and other teaching facilities.

### **Library:**

Library is well furnished and having sufficient books of Allied Health Sciences and Basic Medical Sciences. Access to National Digital Library Program has been initiated.

### **Skill Labs:**

At CMT, we have the following fully equipped skill Labs:

- Skill Lab MLT
- Skill Lab Anesthesia
- Skill Lab Dental
- Skill Lab Radiology
- Skill Lab Cardiology
- Skill Lab Surgical
- Skill Lab Doctor of Physical Therapy
- Anatomy Museum

### **Self-Learning Resource Centre: SLRC**

SLRC or Computer/IT Lab is fully equipped with advance computer systems and high-speed internet connectivity. Students have access to online literature

and they can utilize it for their routine academic requirements.

### **Hospital/Clinical Training**

All clinical training is conducted at Mardan Medical Complex which is a 720 bedded tertiary care hospital. It is the largest health care facility at the northern zone of Khyber Pakhtunkhwa having around 20 departments. It has all the major and minor specialties with state of the art diagnostic facilities such as pathology, radiology (CT scan & MRI), dental (maxillofacial unit), surgical instruments, dpt.

### **Quality Enhancement Cell**

To ensure the delivery of quality education, the Quality Enhancement Cell (QEC) operates with full vigor and commitment. At the end of each semester, the QEC conducts comprehensive evaluations to maintain high standards in health education. These include teacher and course evaluations, graduating student surveys, alumni surveys, and compliance with the annual targets set by KMU. Furthermore, the QEC organizes workshops and awareness programs related to the Self-Assessment Report and has also initiated faculty development initiatives, such as the CHR program.

## Other Facilities

### Hostel Facilities:

Hostel facility is available only for non-local female students (subject to availability of seats) in the campus with all necessary requirements. Student will have to apply on the prescribed form available in the campus.

### Sports/Co-Curricular Activities:

CMT encourages all the students to take part in co-curricular activities like sports week and study tours etc.

### Safety & Security:

The college is provided with good security arrangements e-g CCTVs/DVR and the services of security guards. They provide round the clock security to the campus. Fire extinguishers are available at every floor along with emergency exit.

### Canteen:

The campus has a canteen that serves during working hours. Besides catering for the food and drinks, some daily need items are also available.

### Scholarships:

CMT offers the following scholarships to the deserving/eligible students.

1. **Merit Scholarship** (1 per discipline/semester/ batch) is awarded to the student securing first

position in the previous final examination of KMU.

This scholarship will only cover 50% of the tuition fee.

2. **Need based/Poverty Scholarship** (1 per discipline/batch) will be awarded to the neediest student unless withdrawn due to any reason. The scholarship committee will decide after analyzing different aspects of all applicants. Student need to maintain the passing status of each semester; failure (not promotion) to which would lead to withdrawal of scholarship and will not be allotted to any other student. This scholarship will cover 50% of the tuition fee.
3. **Karwan e ilm Scholarship**
4. **Pakistan Education Endowment Fund**
5. **Miscellaneous Scholarship** (Honhar Scholarship, Zama Foundation and Pakistan Baitul Mal).  
**Note:** Rules and regulations approved by the competent authority will be followed for awarding and withdrawal of any scholarship at any time during the study program. .



**POLICIES**

### Admission:

CMT offers admission in different disciplines with a limited number of seats. The candidates will **APPLY ONLINE** by clicking (<https://admissions.cmt.edu.pk/>) directly or by visiting the official website of CMT ([www.cmt.edu.pk](http://www.cmt.edu.pk)). Admissions will be opened to all genders having domicile of Khyber Pakhtunkhwa with Higher Secondary School Certificate (e-g Pre-medical) from a recognized board or Equivalent qualification certified from Inter Board Committee of Chairmen (IBCC) with minimum 60% marks for Doctor of Physical Therapy and 50% marks for the rest of BS Technologies. Admission will purely be merit based, approved by admission/selection committee of CMT-BKMC as per policies. The decision of admission committee will be deemed as final. Selected candidates will be medically checked by college medical board for their fitness or otherwise. After selection, the student has to submit original documents to the college which will be returned at the time of leaving the college as per policies.

The following criteria will be followed for admission:

- F.Sc/Equivalent Examination 50%
- SSC 10%
- KMU CAT 40%

### Note:

- 1) Candidates having Hafiz ul Quran Certificate will be given additional 20 marks, which will be added to their FSc marks (if they pass the oral Quran test).
- 2) Reserved Quota for MTI Mardan employees and their children (1 seat per discipline). If the quota seat remains vacant, it will be allotted to next candidate in open merit list.
- 3) If there is a tie in the final merit score, the candidate having higher marks in F.Sc will be given advantage. If the tie continues, higher marks in the KMU-CAT and then in SSC will be given advantage respectively.

## Rules & Regulations/Policies

### Admission/Selection Committee

Principal	Chairman
Vice Principal	Member
Academic Coordinator	Member
Program Coordinators	Member
Representative from MTI BKMC	Member

### Cancellation of Admission

- i. CMT has the right to cancel admission at any stage if the documents presented are found fake.
- ii. A written application for cancellation of admission with suitable reasons will be required if any selected student wants to cancel his/her admission at any stage of the program.
- iii. Claim for fee refund after cancellation will not be entertained. In addition, if a candidate wants to cancel his/her admission at any stage, he/she will have to pay 50% of the remaining tuition fee of the program.

### Migration Policy

- Shifting/Migration will be allowed from Affiliated and constituent institutes of KMU to CMT from 2nd semester on merit basis.
- Migration is allowed only when a vacant seat is available in same category and respective session, and not exceeding the total permissible student strength of CMT. Shifting/Migration case will be processed when the result of previous semester i.e. 1st semester is announced/declared.
- The student must have cleared 50% subject of the 1st semester Not promoted (N.P) students are not allowed. Mutual migration of the students shall not be allowed. It is the responsibility of the applicant to process their case, including obtaining clearance and No Objection Certificate (NOC). The migrating students must clear all the dues of the institute (current and all remaining semesters).

## Rules & Regulations/Policies

### Change of Discipline

- There will be no change of discipline once selected.

### Examinations Policies

#### a) Exam Eligibility Criteria:

A student will be considered eligible for final exam if he/she

- Has undergone the specified period of theoretical/clinical course for the said semester to the satisfaction of the department concerned.
- Satisfied the minimum attendance criteria for both classes (75%) and clinical rotation (85%).
- Has cleared all the college/hostel dues along with examination fee.

#### b) Mode of Examination:

- a. There will be continuous assessment and evaluation of the students, which includes attendance, class behavior, assignments, presentations, quizzes and examinations.
- b. A mid-term exam will be conducted by the college in each semester.

- c. Final examination will be conducted by KMU at the end of each semester.
- d. In order to get promoted to the next semester, a student has to pass 50% of the total subjects offered in the semester and all subjects of the previous semester as per KMU policies.
- e. Sick leave even sanctioned on medical certificates leading to absence in final examination will mean failure in that exam.

#### Note:

1. All examinations are indeed conducted according to KMU rules and regulations. These rules are available on KMU website <https://www.kmu.edu.pk/>

## Rules & Regulations/Policies

### Fee Policies

#### FEE STRUCTURE FOR BS AHS

S.NO	DESCRIPTION	AMOUNT
1.	Admission Fee	<b>15,000/-PKR</b>
2.	Security	<b>5000/- PKR</b>
3.	Tuition Fee (Per semester)	<b>60,000/- PKR</b>
4.	Student Fund (Per Annum)	<b>3000/- PKR</b>
5.	Hostel Fee (Per Annum)	<b>24000/-PKR</b>
6.	Student Id & Library Card Fee	<b>500/- PKR</b>
7.	Examination Fee	<b>As Per actual</b>
8.	Registration Fee	<b>As per actual</b>
9.	University Retention Fee	<b>As per actual</b>
10.	others	<b>As per actual</b>

#### Fee Policy:

- The fee and dues will be charged from each student per semester as per details given in the prospectus.
- All fee and dues of the first semester must be paid on or before the last date mentioned in the offer letter of admission, otherwise his/her admission will be cancelled and seat will be offered to the next candidate on merit list.
- For subsequent semesters, fee and dues for academic year if not paid by the due date the student will not be allowed to sit in the classroom and a fine of Rs. 100/- per day will be imposed.
- All those students who are detained/non promoted will have to pay 50% of the all the prescribed dues/fee on or before the deadline.

## Rules & Regulations/Policies

- Any change in the fee is subjected to decision of competent authority.

### Note:

- The College has the right to increase the fee as per decision of competent authority.
- There is no fee concession/installment policy.
- The fine shall be calculated from the due date till the date of deposition of semester fee.

\* **Fee refund policy** is only applicable to 1<sup>st</sup> semester

\*\* **%age of fee** shall be applicable on all components of fee, except for admission charges.

\*\*\***Timeline** shall be calculated continuously, covering both weekdays and weekend.

**Note:** All late admission cases (Admission offered after commencement of classes), the days for fee refund shall be counted from the date of admission as per below table.

• <b>Fee Refund Policy (1<sup>st</sup> semester) *</b>	
<b>% age of Tuition Fee**</b>	<b>Timeline*** for Semester</b>
Full (100%) fee Refund	Up to 7 <sup>th</sup> day of commencement of classes
Half (50%) fee Refund	From 8 <sup>th</sup> to 15 <sup>th</sup> day of commencement of classes
No Fee (0%) Refund	From 16 <sup>th</sup> day of commencement of classes

## Rules & Regulations/Policies

### **Dress-code:**

To uphold the academic dignity and sanctity of the institution, and to foster a respectful and disciplined learning environment, students are required to be properly dressed.

### **Summer:**

**For Male students;** White shirt, Black tie, Black pantaloons with simple black belt along with black shoes and white socks.

**For Female Students:** Aqua/sea green shirt with white trouser and plain white dupatta is compulsory along with simple black shoes and white socks.

**Winter:** Only Black Coat/Sweater is allowed for both male and female students.

### **Note:**

- Wearing Lab coat all the time inside the campus is mandatory.
- Female students must come without jewelry and makeup.
- Hair of male students should be above from collar. Hoodies and Jackets are strictly not allowed

### **ID Card**

Every student will carry their own Institute Identity card duly displayed on his/her uniform. ID card will be issued by the college after applying on the prescribed form along with depositing ID card fee. If a student loses his/her card, he/she has to report to the competent authority. Once the competent authority approves the issuance of new card, then it will be issued upon submitting normal fee.

### **Note:**

No student will be allowed to enter the college without ID card.

## Rules & Regulations/Policies

### LIBRARY RULES AND REGULATIONS:

Students are expected to observe the following rules while using the library services; any violation of these rules will incur appropriate disciplinary action.

- Leave your personal belongings such as handbags, briefcases, etc. outside the library entrance on your own responsibility. The library disclaims any liability for loss or damage.
- Books will be issued to the students who have library card.
- Books will not be issued to any student for more than **15 days** and if any student fails to return the book within stipulated time, a fine of Rs 10/day will be charged.
- Not more than 2 books will be issued to the student at one time. In order to get other book, he/she must first submit the previous books.
- Do not write, underline or mark any book. Library books will be carefully examined on return and the borrower will be held responsible for the damage.

- Any damage or loss of the book by the student, will be replaced by the respective student.
- Complete silence should be observed except for brief and subdued talk with the library staff.
- Drinks and eatables are not allowed in the library.
- Keep your mobiles off within the library premises.
- Student can also download the required books in soft form from E-library by scanning QR code.

### CLASS ROOM POLICIES

The class room session runs from **Monday to Friday, between 0800 - 1600 hours.**

#### Attendance:

It is mandatory that students attend all academic sessions including lectures, tutorials, seminars, practicals, clinicals, assignments and examinations.

## Rules & Regulations/Policies

### Following are specific policies related to attendance

- A minimum of 75% overall attendance is required for all subjects. The 25% margin of absence is intended to cover the informed absence only on account of sickness, or other emergencies.
- Attendance of each student will be assessed before all exams. Those failing to meet required attendance will be penalized according to the rule and regulations.
- Students should be present in class at scheduled time. Student arriving within ten minutes of schedule time will be marked late where as those arriving after ten minutes will be marked absent. Three times being late will be considered as one absent.
- Habitual/repeated absenteeism may be taken as offense and appropriate disciplinary action will be taken against the respective student/s.

- No Student is allowed to leave the classroom without permission of the teacher or until the class is finished.
- Students are not permitted to remain inside the classroom except at the prescribed hours of lectures.

### Hospital/Clinical Training Policies

- Attendance and timings in the clinical training will also be observed critically. Students are expected to follow the scheduled time strictly.
- If a student fails to secure 85% attendance in the clinical training, their marks will be deducted.
- Students are required to wear proper uniform and white lab coat all the time while on clinical rotation
- In addition, students are also required to update their Log books on daily basis and must submit them on time at the end of the term (before commencement of final exam). If any student

## Rules & Regulations/Policies

did not submit the Log book, he/she will be given zero marks.

**Note:** Any unsafe practice or unethical behavior found in the clinical area during the program will be dealt accordingly as per the following process.

- **For Unsafe Practice**
  - Documentation in “Incidence Form”
  - Learning contract / corrective action
- **For Unethical Behavior**
  - Any of misbehave /misconduct will never be tolerated
  - There will be formal hearing
  - If the student is found guilty, he/she will be dealt accordingly as per rules.

### GENERAL POLICIES

- Students are primarily responsible for their own learning and completion of the scheduled examinations and attendance of all academic activities.

- The entire building of College and Hospital including washrooms and student lounges have been declared as “**No Smoking Zone**”. Students are expected to respect it.
- Eating and drinking is prohibited in the classrooms/tutorial rooms, learning resource center and libraries etc.
- The students are expected to dress in a simple and decent manner at all times in campus. Tight trousers / Jeans, unpleasant shades and undesirable figures on shirts must be avoided. Students must wear lab coats while going to lecture halls, library and in hospital premises during duty hours.
- Students are not permitted to use mobile phone unnecessarily at any time while they are in campus or in the clinical areas. If they are found doing so, their mobiles will be taken into the custody by concerned faculty till submission of fine. Students are also not allowed to use Admin office phone for their personal use.

Students are not allowed to attend visitors inside the college at any time or leave the college premises without permission.

- Students are expected to keep classroom/Lab clean and are responsible for the good care and maintenance of items/equipments used.
- Any student damaging the college property, must be required to pay the cost of repair or replacement of the item. In case of intentional damage, he/she may be punished by competent authority accordingly.
- Written authorization from the Principal is required before making any public statement, communication or correspondence with the press or other media for mass communication.
- Unnecessary stay of any student after the college hours are not allowed inside campus.

**Disclaimer: For all the policies, there could always be an exception. For individual cases, depending on the nature of case, decisions are given by the relevant committee/competent authority.**

### CODE OF CONDUCT:

- The College expects its students to strive for the acquisition of attributes that benefit objectives of CMT. These attributes, in turn should be reflected in their everyday behavior, attitude and attire.
- All students are expected to show high standards of honesty, morality and discipline.
- Students will always respect the rights and privileges of all members of CMT and hospital and abstain from the conduct that might damage the reputation of CMT and that may lead to the disruption of any academic program of the College.
- Hostelite students should follow all the Hostel rules and regulations (mentioned in the prospectus of BKMC)
- Students are expected to show tolerance, understanding and respect to others while sharing their point of views. In case of any

## Rules & Regulations/Policies

misunderstanding with peers, faculty members or college authorities' discussions and open exchange of view is encouraged.

- Issues of the students are can be discussed through proper channel.
- Parents/Guardians are expected to co-operate with the college authorities in all matters regarding their child/ward.
- Students are expected to be respectful to members of the opposite gender and be cognizant of Pakistani cultural norms in cross gender interaction at all times. In addition, they will refrain from any behavior that can be interpreted by others as Harassment.

**Following conditions will be considered as offense to the institution and will be dealt according to disciplinary policies:**

- Beating or assault on students, faculty or clients or member of staff.
- Any form of unauthorized rallies, demonstration or any sort of organized obstructions against

student/college, hospital function in any manner whatsoever.

- Malicious acts, thefts, willful damage or misuse of college property.
- Unauthorized housing of persons in the hostel or other building in the college.
- Cheating, plagiarism or the use of unfair means in examination or any other academic setting, the student will be assigned zero credit in that particular paper/assignment.
- Possession, use and display of firearms, drugs, alcohol or other contraband items in campus or at college related events.
- In case a student is involved in any illegal or criminal case, the concerned student will be responsible to put up his/her defense.
- Usage of mobile phone inside the classroom is not allowed. Taking pictures or making videos of the students or teachers are strictly prohibited. **“ZERO TOLERANCE TO AGGRESSION”.**

## Rules & Regulations/Policies

### Disciplinary Action Procedure:

- Written complaint against the defaulter from students/ complaint to chairperson.
- Chance of defense in shape of explanation in writing by the defaulter.
- Based on information from different sources, decision would be made by disciplinary committee whether it is a minor or major infraction

### Minor Infractions/Offenses:

- It includes irregularities, absenteeism, defamation of profession and institution, for example blackmailing in newspapers, negative projection, repeated failure in examinations, late submission of assignments/tasks, unacceptable usage of mobile phones inside college premises, dressings breaking rules and damage of property etc.
- For minor infraction three written warnings will be issued, if there is no improvement then the case will be treated as a major infraction.

### Major Infraction/Offenses:

- Major infractions/Offenses include Assault (verbal or physical), theft, malpractice, usage of mobile inside college premises, taking pictures or making videos, misconduct, strikes, involvement in politics, keeping weapons, unethical attitude with patients, addiction, suicide attempts, medication errors, plagiarism, cheating in examination and sexual abuse or harassment etc.

**Note:** Any instances of harassment or sexual abuse will be addressed in strict accordance with Terms of Reference (TOR) proposed by harassment committee.

### Penalty

Final decision of penalty could be either:

- Written warning/Show cause/Apology/Fine
- Written Consent from the parents to not repeat the same offence in future.
- Withdrawal of scholarship (if availing any)
- Termination from the Program/Blacklisting from the institution.

## Photo Gallery



**CMT (BKMC)**

**LECTURE HALL**



## Photo Gallery



**CENTRAL LIBRARY**



**LIBRARY**

## Photo Gallery



**COMPUTER LAB**

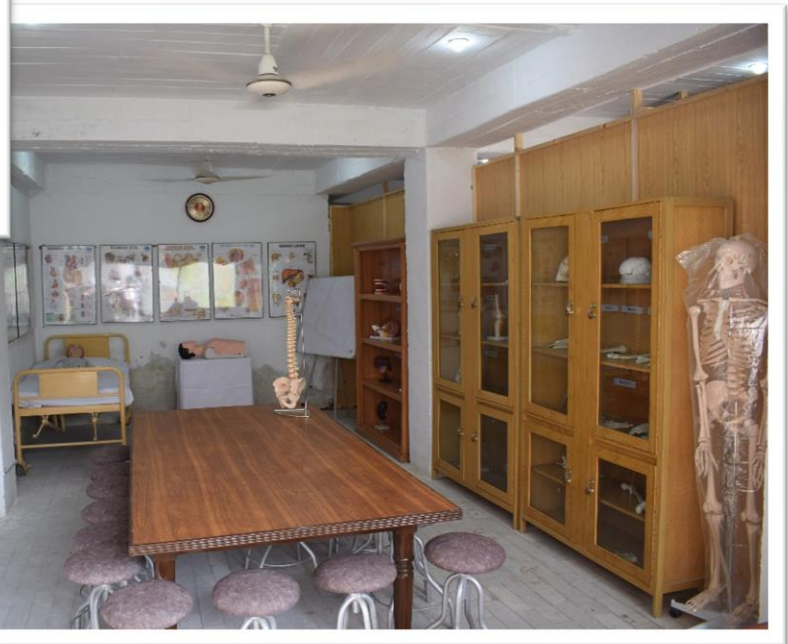
**CMT (BKMC)**



## Photo Gallery



**MLT SKILL LAB**



**ANATOMY MEUSEM**

## Photo Gallery



**DENTAL SKILL LAB**



**RADIOLOGY SKILL LAB**

## Photo Gallery



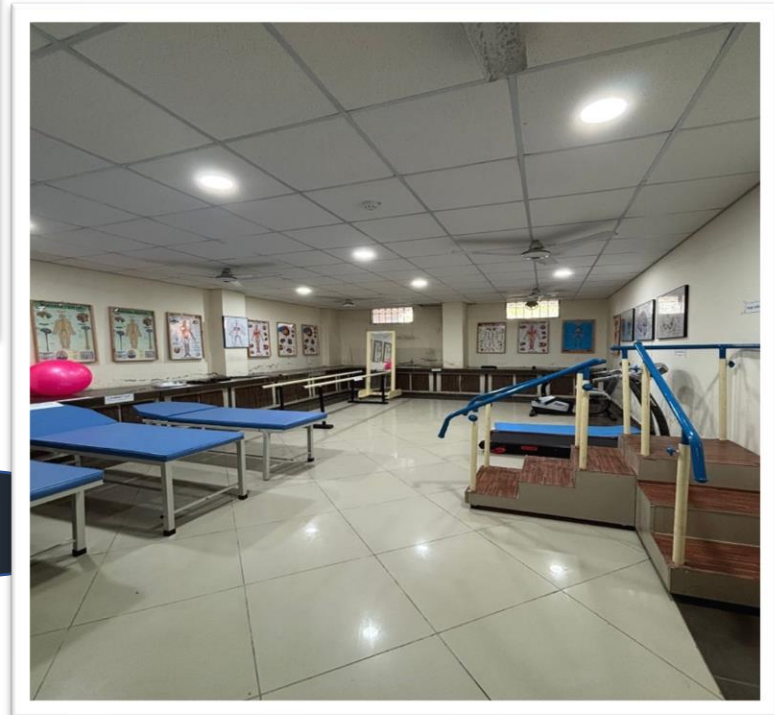
**ANESTHESIA SKILL LAB**

**CARDIOLOGY SKILL LAB**





**SURGICAL SKILL LAB**

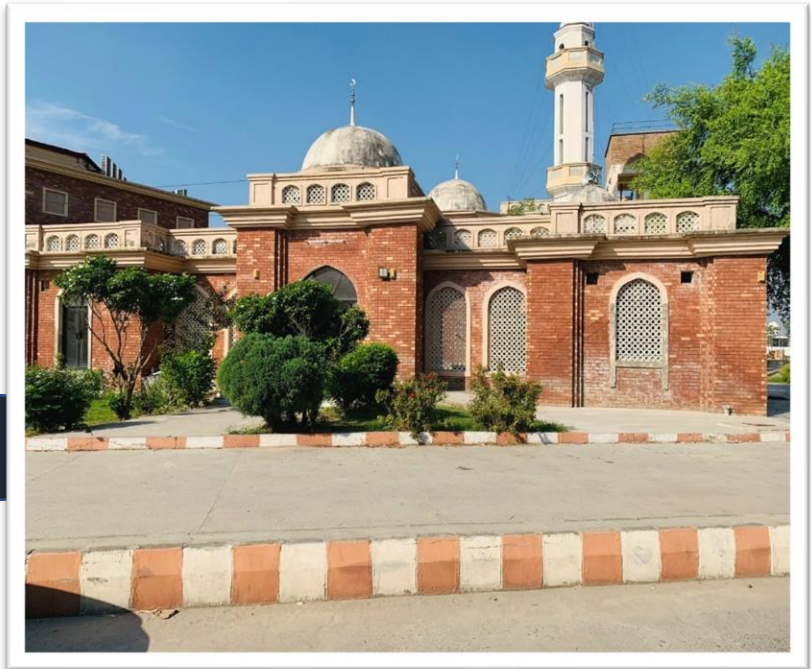


**DPT SKILL LAB**

## Photo Gallery



MAIN AUDITORIUM



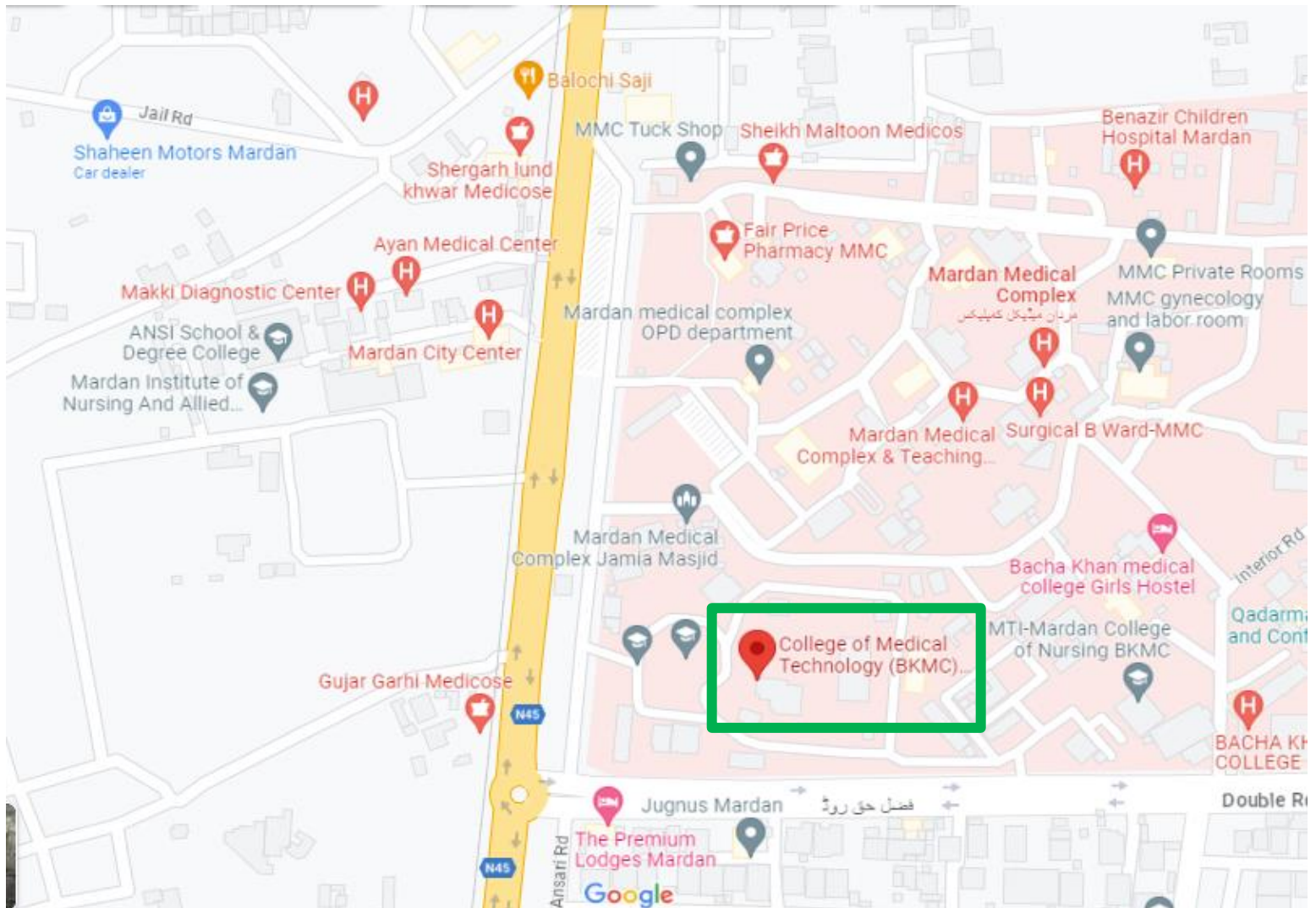
MOSQUE

**DISCLAIMER:**

Contents of this prospectus of CMT-BKMC for Allied Health Sciences programs are intended to be implemented in good faith. Any adversity occurring to the students, faculty and others because of the content shall not be brought to the court of law against the institution or its functionaries. Rules and regulation governing various aspects of the students conduct in institution (e-g eligibility, admission, syllabus, discipline, examinations, migration, fee and other charges etc) are given in this document as they stand decided at the time of its publication. The institution authorities reserved the right to modify, add or delete any statement in it without prior notice. Published rules, criteria and protocols do not in any way restrict the institution to modify these whenever in its judgment it is called for and to implement the modified rules/regulations from a date deemed appropriate.

The CMT-BKMC will take all responsible steps to provide educational services according to their vision in a manner set out in the prospectus and in the documents that will be issued to the students, who are accepted as students of the CMT-BKMC should certain circumstances beyond the control of the institution dilute their ability to provide educational services, the CMT-BKMC will take all the responsible steps to minimize the resultant disruption to the educational services. Application for admission would imply acceptance of the contents of the prospectus and amendments issued from time to time. Furthermore, none of the candidate is eligible for admission at CMT-BKMC without Undertaking/Affidavit duly signed by Notary Public on a legal stamp paper. The administration reserves the rights to bring changes in the policies and rules, regulations time to time without any prior notice.

This prospectus sets forth new rules and regulations and repeals all the prospectuses published before. These regulations will be applicable on all the students of CMT-BKMC.



# College of Medical Technology Mardan

## Committed to excellence in BS Allied Health Sciences



**MTI MMC**



**MTI BKCD**



**MTI BKMC**



**MTI CNM**

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