**Al-Kawthar University**

**BS Medical Laboratory Technology (MLT)**

**Faculty of Health & Medical Sciences**

**Why Choose Al-Kawthar University?**

* Unbeatable Prime Location in the Heart of Karachi
* Karachi’s First Private University Integrating Modern Education with Islamic Values
* Karachi’s Leading Private University Medical Facility, Offering Premier Healthcare Training and Opportunities
* Expert Faculty Providing Real-World, Clinical & Diagnostic Insights
* Fully Equipped Laboratories for Hands-On Skill Development
* Hospital Affiliations for Practical Exposure and Internships
* HEC-Accredited Programs Upholding World-Class Academic Standards
* Emphasis on Ethical Practice and Professional Responsibility
* Vibrant, Inclusive Environment Fostering Diversity and Innovation
* Advanced Student Facilitation Center with Career Support

**Campus Facilities at a Glance**

**Academic & Clinical Infrastructure**

* Tech-Enabled Smart Campus
* Specialized Medical & Diagnostic Labs
* Advanced Computer Labs
* Digital Library
* Lecture Halls & Seminar Rooms

**Student Life & Recreation**

* Common Rooms & Study Areas
* Health Club, Gym & Playing Ground
* Cafeteria
* Wi-Fi Enabled Campus

**Support & Services**

* Student Support & Guidance Center
* Career Counseling
* On-Campus Medical Facility
* Secure Hostels (Gender-Specific)

**Majors / Specializations**

* Clinical Pathology
* Hematology & Blood Banking
* Microbiology
* Clinical Chemistry
* Histopathology
* Molecular Diagnostics
* Laboratory Management & Quality Control

**Why Pursue a BS in Medical Laboratory Technology at Al-Kawthar?**

The **BS MLT** program is designed to train students in essential laboratory diagnostic procedures critical to modern healthcare. With an emphasis on scientific accuracy, clinical skills, and professional ethics, the program prepares students for careers in hospitals, diagnostic centers, research labs, and public health institutions.

* Focus on Modern Diagnostic Tools and Techniques
* Expert Faculty with Clinical and Lab Experience
* Advanced Lab Training in Microbiology, Pathology, and Biochemistry
* Integration of Theory with Real-World Practice
* Clinical Rotations in Affiliated Hospitals
* Emphasis on Ethics, Accuracy, and Patient Safety
* Strong Foundation for Postgraduate Studies and Specializations

**Program Structure**

* **Duration:** 4 Years
* **Semesters:** 8

**BS Medical Laboratory Technology**

The **BS Medical Laboratory Technology (MLT)** program at **Al-Kawthar University** is a 4-year professional degree focused on training students in modern diagnostic techniques and laboratory sciences. The program combines theoretical knowledge with practical lab skills, preparing graduates to support clinical diagnosis, medical research, and public health services. Aligned with **HEC** and healthcare industry standards, the curriculum emphasizes accuracy, ethics, and innovation in diagnostics.

**Tracks Offered**

* Clinical Pathology
* Hematology & Blood Banking
* Microbiology
* Clinical Chemistry
* Histopathology
* Molecular Diagnostics
* Laboratory Management & Quality Control

**Placements and Careers**

* Clinical Laboratory Technologist
* Diagnostic Lab Manager
* Blood Bank Specialist
* Microbiologist / Pathologist Assistant
* Molecular Lab Technologist
* Research Lab Technologist
* Hospital & Healthcare Diagnostics Coordinator
* Quality Control Analyst
* Public Health Lab Technician

**Scholarships and Financial Assistance**

* HEC-Mandated Need-Based Assistance
* Qarz-e-Hasna (by Ihsan Trust)
* Flexible Payment Plans  
  *(Terms and Conditions Apply)*

**Al-Kawthar University – Admission Process (Step-by-Step)**

**Step 1:** Submit Admission Form (Online or On-Campus)  
**Step 2:** Application & Document Review  
**Step 3:** Shortlisting & Notification (Call, SMS, Email)  
**Step 4:** University Placement Test (UPT)  
**Step 5:** Interview  
**Step 6:** Admission Result (Acceptance Letter & Fee Invoice)  
**Step 7:** Orientation Ceremony  
**Step 8:** Commencement of Classes

**Admission Weightage:**

* Entry Test: 60%
* HSSC/Equivalent: 25%
* SSC/Equivalent: 15%  
  **Minimum Aggregate Score:** 50%

**Contact Us**

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