

## **:: DMLT ::**

BL Allied Healthcare Institute (BLAHI) is Sponsored by an Autonomous Organization BL Foundation which is Registered Under Trust Act 1882.

BLAHI acts as Work Integrated Education Programme (WIEP) Providing Market- led, fee-based training services to students, admissions- marketing support, industry-skilling, and training & placement facilitation under legally permitted arrangements with NSVEC New Delhi.

### **DIPLOMA IN MEDICAL LABORATORY**

#### **TECHNOLOGY (DMLT)**

**Diploma in medical laboratory technology** is the DMLT full form. Students who specialize in a diploma in medical laboratory technology are called medical laboratory technicians. Diploma in Medical Laboratory Technology (DMLT) is a **branch of Paramedical Science that deals with diagnosing and treating various ailments**. It is the science of analysis of human fluids like pericardial fluid, peritoneal fluid, pericardial fluid, urine, blood samples, and other specimens.

Course Duration : 2 years

## **SYLLABUS**

### **Semester 1 (Subjects)**

1. HUMAN ANATOMY
2. FUNDAMENTALS OF MLT
3. BASICS OF CLINICAL BIOCHEMISTRY
4. BASIC HUMAN SCIENCE
5. ENGLISH COMMUNICATION
6. PROFESSIONAL ACTIVITIES

### **Semester 2 (Subjects)**

1. BASICS PATHOLOGY
2. HUMAN PHYSIOLOGY
3. FUNDAMENTAL BIOCHEMISTRY
4. MICROBIOLOGY INSTRUMENTATION
5. INFORMATION AND COMMUNICATION TECHNOLOGY
6. COMMUNITY DEVELOPMENT
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### **Semester 3 (Subjects)**

1. HUMAN PHYSIOLOGY II
2. CLINICAL HEMATOLOGY

3. METABOLIC AND TECHNICAL BIOCHEMISTRY
4. TECHNICAL MICROBIOLOGY
5. COMMUNITY DEVELOPMENT ACTIVITIES II

#### **Semester 4 (Subjects)**

1. HISTOPATHOLOGICAL TECHNIQUES
2. CLINICAL HEMATOLOGY II
3. CLINICAL MICROBIOLOGY
4. CLINICAL PATHOLOGY
5. PATHOLOGY LAB

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