

Pathology courses:-

D.M.L.T :-

DURATION- 2YEAR , ELIGIBILITY-12 PASS

DMLT, also known as Diploma in Medical Laboratory Technology, is a 2 years diploma course which can be pursued Class 12.

The course is aimed for students who want to become a professional Laboratory Technician, Medical Technicians, Medical Assistants, etc.

DMLT Syllabus

DMLT course covers various preclinical subjects such as Biochemistry, Pathology, Microbiology and Blood Banking.

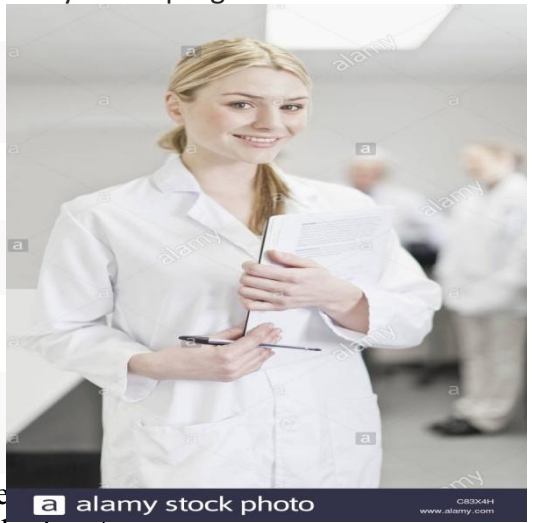
Students who are pursuing this course are imparted training through classroom lectures, practical sessions, internal assessment, viva voce and an internship training program of 3-6 months duration.

The table below lists some of the important DMLT subjects which are compulsory in the program structure:

Part I:-	
Anatomy	Physiology
Pharmacology	Community Medicine
Statistics	-

Part II:-	
Pathology (Immunochemistry, Blood Banking, Hematology)	Microbiology (General Bacteriology, Bacteriology, Clinical Microbiology)
Biochemistry I	-

Part III:-	
Pathology (Histotechnology, Cytology, Museum Study)	Microbiology (Immunology, Parasitology, Virology)
Biochemistry II	-



DMLT Subjects

The table below describes the important DMLT subjects

and shows some of the important topics that are covered in the course curriculum



YEAR I:-	
Topic	Description
Basic Haematology	Composition of blood and its functions, Origin, Development and morphology of Blood cells, Basic concepts of Anaemia, Leukaemia, and hemorrhagic disorder
Blood banking & Immunohaematology	Methods of estimation of Haemoglobin, Methods of determination of PCV, Blood Group- methods of grouping and ungrouping, Blood transfusion and hazards
Clinical Pathology (body fluids) and Parasitological	Reception of Patients, The Microscope- Types, Parts, Cleaning, and Care, Examination of Urine, Examination of Body Fluids

YEAR II:-



Topic	Description
Clinical Biochemistry	Definition of Antigen and Antibody, Clinical Enzymology, Disorders of Carbohydrates, Nutritional Disorders, Liver function test
Microbiology	Laboratory diagnosis, Biosafety measures, Examination of stool, Quality control
Immunology	Antigens and Antibodies, Types of Antigens