

DMLT

- **Fundamentals of MLT:** Students through MLT learn the application of basic techniques and instruments used in all areas of medical laboratories.
- **Basics of Clinical Biochemistry:** Clinical biochemistry is a branch of laboratory medicine in which chemical, as well as biochemical methods, are applied.
- **Basic pathology:** Study of disease is known as pathology. It is a study through the examination of surgically removed organs, tissues, bodily fluids, and in some cases the whole body.
- **Microbial Instrumentation:** Instrumentation is a powerful tool which is used to explore the internal structure of Microorganisms.

- **Clinical Hematology:** Hematology is the study of the numbers and morphology of the cellular elements of the blood.
- **Clinical Microbiology:** The definition of clinical microbiology deals with the interrelation of macro and microorganisms under normal and pathological conditions.
- **Clinical Pathology:** Clinical pathology is a medical specialty concerned with the diagnosis of disease based on bodily fluids, such as blood, urine, and tissue homogenates.

- **Histopathology** – A branch of Pathology which deals with the study of disease in a tissue section
- **Bio waste** - Any material that contains or has been contaminated by a biohazard agent That includes Petri dishes, syringes, needles, blood waste etc.,
- **Blood banking** – A place where blood is collected & stored before it is used for transfusions.