



M.VOC IN MEDICAL LABORATORY TECHNOLOGY

Duration :3 Year degree program UGC Approved Course

OVERVIEW

The Bachelor's degree in Medical Laboratory Technology is a specialized program focused on educating and training students in laboratory science and diagnostic testing procedures. It prepares them for careers as medical laboratory technologists or clinical laboratory scientists, where they perform tests to aid in diagnosing, treating, and monitoring diseases. Through coursework, hands-on exercises, and clinical practicums, they gain skills in performing tests, analysing results, and operating equipment. Students can work in various health-care settings, providing vital laboratory test results to support patient care and public health.

OBJECTIVES

After completing this course, participants will be able to:

- Perform a range of tests such as those related to phlebotomy, clinical biochemistry, haematology, serology, cytogenetic, etc.
- Aid in the diagnosis, treatment, and monitoring of diseases and medical conditions to prepare students for careers as skilled medical laboratory technologists.
- Acquire knowledge of the principles and methodologies governing quality control and assurance within medical laboratory settings, with the aim of ensuring the accuracy and reliability of test results.

PEDAGOGY

The pedagogical approach employed is characterized by its holistic nature, emphasizing a focused methodology that underscores the significance of scenario-based practical applications utilizing cutting-edge tools and techniques. There will be comprehensive lab work requiring demonstrated competency to receive a satisfactory grade.

COURSE CONTENT

- Human anatomy and physiology
- Medical microbiology and biochemistry
- Diagnostic cytology and molecular biology
- Clinical toxicology and endocrinology
- Computer applications
- Histopathology and bacteriology
- Hematology
- Testing medical instruments

COURSE HIGHLIGHTS

- Classroom Training (Theory + Practical)
- Internship
- Eligibility 10 + 2 (Any Stream) BSC in Biochemistry, Biotechnology, Zoology, Microbiology or any other equivalent subjects with a minimum of 50% marks.

0% INTEREST LOAN SCHEME AVAILABLE

