

## **B. Voc. (Medical Laboratory Technology)**

### **About the course**

B. Voc. in Medical Laboratory Technology was started in year 2020 under the NSQF scheme of UGC. The initiative of establishing this department is in consonance with our commitment towards providing excellence in the specialized field of medical diagnostics that play major roles and offer the new jobs avenues in the field of medical sciences, basic researches, Govt. & Private hospitals and promotes the self-employment opportunities.

The department has faculty of highly qualified teachers who are working in thrust areas of MLT. The labs are furnished with the latest equipment worth more than Rs.10 lacks which includes: **CBC Machine, Electrolyte Analyzer, Autoclave, Laminar hood, Centrifuge, Incubator, Micropipettes, Colorimeter** and many more. For holistic development of learner's field visits, seminar, workshops and on job training are organized by the department.

### **Objectives**

National Skill qualification framework (NSQF) integrated education and competency-based skill framework to meet national occupation standards (NOS), industrial engagements, and international comparability. Keeping in view the needs, the course has been started under community college scheme of UGC to generate skilled and competent laboratory technicians for health sector. The course offers low cost and high-quality education locally to acquire and upgrade skill irrespective of the age. The objective of the course is to impart hands on skill to rural and semi-urban females so that they can earn their livelihood in diagnostic labs and hospitals near their native places as well as in global market.

### **Job opportunity**

Medical laboratory technology covers a broad area of knowledge and provides many opportunities. The courses would be beneficial for those who are seeking reputed employment at early age without putting much burden to their pocket. The course has huge potential for employment generation for youth.

- The job prospects in hospitals and diagnostic labs after completing the course are
  - ✓ phlebotomist
  - ✓ lab technician
  - ✓ lab supervisor

- ✓ Pathology technician
  - ✓ Lab analyst
  - ✓ Laboratory manager/Consultant
  - ✓ health care Administrator
  - ✓ Hospital Outreach coordination/director
  - ✓ health and safety officer
- Additional opportunities are available in molecular diagnostics, molecular biotechnology companies and in vitro fertilization laboratories as well as in research labs. In the clinical areas, drug testing, therapeutic drug monitoring and biogenetics are just a few of the specialties with openings. In industry, medical technologists are needed for positions in product development, marketing, sales, quality assurance, environmental health and insurance, among others
  - After completing master in the field, the students are eligible for teaching jobs in paramedical college.
  - Self-employment by opening personal diagnostic lab is worthy scope for the medical lab technician as it provides independent working atmosphere and offer employment to others too.

**Eligibility:** 10+2 in any stream

**Course Duration:** 3 Years with Multiple Exits

**Exit Levels:**

One Year: Diploma

Two Years: Advanced Diploma

Three Years: B. Voc. Degree

## Glimpse of Activities

Assessment by health care sector skill council in January 28, 2021



## Lab Activities

