



Post Graduate Diploma in Medical Laboratory Technology **(PGDMLT)**

About Course

PG DMLT is a branch of Paramedical field. It has been a tool in the diagnosis and study of the various diseases for proper treatment. The knowledge in the field of Hematology, Clinical Pathology, Microbiology, Biochemistry, Serology, Immunoassay, Histopathology, Cytopathology and Transfusion medicine is important for any skilled technician. In the rapidly growing area of scientific knowledge and skills, laboratory science is an important area of study for medical laboratory technicians. The course covers all the related topics of the study fields. The PG DMLT course is an important and career orienting in nature that opens many job opportunities in government hospitals for the candidate after its completion.

Duration of
the course:

1 Year
(Two Semesters)

Eligibility Criteria

The candidate should have the Bachelor's degree from any UGC recognized university or equivalent degree with Botany/ Zoology/ Microbiology/ Biochemistry/ Biotechnology/ Chemistry with B group as the main subject OR graduation in Pharmacy/ Life Sciences/ Medical Sciences with a minimum 55%.

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Why this Course?

Upon successful completion of the PG diploma in Medical Laboratory Technology, the student will be able to:

- Perform routine clinical laboratory procedures within acceptable quality control parameters in Hematology, Chemistry, Immunohematology, and Microbiology under the general supervision of a Clinical Laboratory Scientist or Pathologist.
- Demonstrate technical skills, social behavior, and professional awareness incumbent upon a laboratory technician as defined by the American Society for Clinical Laboratory Science and the American Society of Clinical Pathologists.
- Apply systematized problem solving techniques to identify and correct procedural errors, identify instrument malfunctions and seek proper supervisory assistance, and verify the accuracy of laboratory results obtained.
- Operate and maintain laboratory equipment, utilizing appropriate quality control and safety procedures.
- Recognize and participate in activities which will provide current knowledge and upgrading of skills in laboratory medicine.

Career Prospects

PG DMLT is a discipline of the paramedical science and specifically is allied to health care professionals. It's main objective is to diagnose various diseases in patients referred by doctors.

When planning a career in PG DMLT, create a job profile as a Government job in Hospitals, Lab technician and Drug Safety Associate, Blood Bank Technician, Academics, R & D laboratories, Health care setup, Corporate organization, Clinics, Independent practice or Self-employment, and being a part of many more fields.



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