



MAGANBHAI ADENWALA MAHAGUJARAT UNIVERSITY

FACULTY OF PARAMEDICAL SCIENCES

At

Constituent Institute

Maganbhai G Patel (Adenwala) Institute of Medical Technology, Nadiad

[Managed by Mahagujarat Medical Society, Nadiad]

INFORMATION BOOKLET

For

POST GRADUATE DIPLOMA IN

MEDICAL LABORATORY TECHNOLOGY – [PGD MLT]



Academic Year 2023-24

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(One Year Three Months Full Time Course)

Diploma in Medical Laboratory Technology (DMLT) is a branch of Faculty of Paramedical Science of MAM University that deals with diagnosing and treating various ailments. This course helps you get a better insight into medical laboratories, work as Lab Technologists/ Technicians.

❖ **Who should pursue the PGDMLT Course?**

Students who desire to enter a new area that offers a variety of roles in **Clinical Technology** can consider a PGDMLT course. Students with a keen interest in clinical chemistry, haematology, microbiology, etc. can enrol in the course.

❖ **When to do a PGDMLT Course?**

If a student wants to pursue a career in the medical laboratory technology field, he or she should complete their graduation. They must pass the graduation course with a minimum of 40% or above. Then one can do the PGDMLT Course.

❖ **What is the Eligibility Criteria for PGDMLT?**

PGDMLT eligibility includes graduating with a minimum aggregate of 40% or above with the B. Sc. in Chemistry, Biotechnology, Biology, Botany, Microbiology, or Zoology – B group from an accredited institution/university. There is no upper age limit for enrolment in this course.

❖ **How to get Admission for a PGDMLT Course?**



Admission to the PGDMLT course can be done through both online and offline methods. PGDMLT admission can also be started by directly visiting the MAM University admissions office.

❖ What is Maximum intake of the PGDMLT Course & when the course will be conducted?

Maximum intake of the PGDMLT Course is 40 per year and normally it starts in the month of July of each year.

❖ Scope and Future of PGDMLT

DMLT is a course that offers numerous specializations. The areas of specialization shown below, in this field are in-demand and help the candidates to grow in their career.

- Microbiology
- Clinical chemistry
- Clinical Biochemistry
- Biostatistics
- Molecular Biology and Applied Genetics
- Clinical Pathology
- Hematology
- Immunology and Immunological Techniques
- Radiology
- Electron Microscopy
- Coagulation
- Parasitology
- Biomedical Techniques
- Cytotechnology
- Ultrasonography
- Bacteriology

❖ Job Profiles

With the Paramedical Industry multiplying, there are 'n' number of opportunities for aspirants in Medical Laboratory Technology. Some of the top job profiles for MLT aspirants are tabulated below:

- | | |
|------------------------------|---------------------------------------|
| • Medical Technician | Medical Technologist |
| • Laboratory Manager | Healthcare Administrator /Coordinator |
| • Medical Officer Laboratory | Testing Manager |

The following topics answer the specifics of the admissions procedure in general:



❖ How to Apply?

Students must go to the official websites of the colleges they intend to attend to begin the application process. By visiting the college admission office and submitting their application and any relevant papers, students can enrol offline.

❖ Selection Process

The selection process for PGDMLT admission programs can be done either via merit-based or entrance-based methods. Based on their academic performance, having graduated with at least 40% in a B.Sc. with B group from an accredited institution/University are eligible for the course.