

MEDICAL LABORATORY TECHNOLOGY COURSE

The Medical Laboratory Technologists play an important role in diagnosis of disease or infection by sample testing and reporting. Medical Laboratory Technologists determine the presence, extent or absence of disease and provide data needed to evaluate the effectiveness of treatment.

Why Medical Laboratory Technology?

Even the WHO mentioned the medical treatment to patients should start only after the diagnosis of the disease. Doctors need various kinds of analysis through tests and on the basis of outcome of these tests, they treat and give advice for prevention. This is where the crucial role of Medical Laboratory Technology or Clinical laboratory science comes in picture. The Medical Laboratory Technologists are the ones who do the blood collection and perform the various diagnostic tests by analyzing very infectious body fluids like blood, saliva and urine, tissues, microorganism screening, chemical analyses, cell counts of human body etc.

career prospects

Career as a Medical laboratory technician offers you the chance to have an important impact on enduring care, without actually interacting with patients. One can also work as a freelancer as well as a Phlebotomist and have great earnings. With relevant skill, a candidate can find employment in a State or Central Government hospital, Medical Colleges, Dental Colleges, Nursing Colleges, Physiotherapy Colleges, Minor emergency centers, private laboratory, Blood Banks, Blood donor centers, Healthcare centre or clinics. Research Centers and Pharmaceutical Lab.

Medical lab technologists can also find jobs in research facilities, crime laboratories (FSL), universities, pharmaceutical companies and Military Hospitals.

With their dedicated skills, lab technologists are constantly in demand in hospitals, specialty hospitals, laboratories etc. You could grow to become:

1. Laboratory Manager/Consultant/supervisor
2. Laboratory information system Analyst/Consultant
3. Hospital Outreach coordination

Medical technologists are also required in industry like pharmaceutical for position in product development, promotion, sales, quality promise, environmental health and insurance, amongst others.

General Eligibility Criteria for Medical Laboratory Technology Course.

Eligibility needed for diploma in Medical Laboratory Technology (DMLT) is 10+2 or equivalent examination from a recognised Board. Duration of the course is mainly 2 years. There are also other certificate courses in lab technicians which needs 10+2 as the eligibility. Courses are offered by various institutes, colleges, universities as well as hospitals. The hospitals and/or the medical labs are usually affiliated with a college or university. On Job Training along with the classroom sessions plays a vital role for providing the practical exposure as well as hands-on experience related to this sector. For those who want to pursue Bachelor of Medical Laboratory Technology (BMLT), the eligibility is 10+2 or equivalent with Science subjects or Pre- University Vocational course from a recognized Board with laboratory Technology as a Vocational subject. BMLT is a 3 years program.

Remunerations to Lab Technologists

Medical Lab technology is a productive and challenging field. The initial salary package for a medical lab technology/ technician ranges from Rs 15,000 - Rs 50,000 per month in hospitals and in clinics. One can also earn a good amount as a freelancer. The pay packages gradually increase with years of experience.

DMLT / CMLT STUDENTS SYLLIBUS

1)Blood banking 2)Clinical Chemistry (chemical analysis of body fluids) 3) Haematology (Blood related) 4)Immunology (study of immune system) 5) Microbiology (study of bacteria and other disease organisms) 6) Cytotechnology (study of human tissue) 7) Phlebotomy 8) Urine analysis 9) Coagulation 10) Parasitology 11) Blood Sample Matching 12)Drug Efficacy Tests 13)Serology

PARAMEDICAL BOARD KARNATAKA GOVERNMENT

LakshmiComplex, FirstFloor, #5,NewNo.40/20A, OppVaniVilasHospital, Bangalore –560 002

Website:www.pmbkarnataka.org Phone: 080-26702159, Fax: 080-26705410

E-Mail:Office:pmboffice97@gmail.com, Registration: pmbreg@gmail.com

SELECTION OF CANDIDATES FOR DIPLOMA IN MEDICAL LABORATORY TECHNOLOGY COURSE

- Selection of candidates shall be made through Central Counselling to be held every year between August and October to the seats in Four Government Medical colleges, Bowring and Lady Curzon Hospital and Govt. Dental College, Bangalore as well as Govt. quota seats in private para medical colleges/institutions.

ADMISSION

The selected candidates should get him / herself admitted to the respective college / institution and course duly furnished originals of certificates of qualifying examinations duly paying prescribed fee.

DRESS CODE

The admitted candidates have been prescribed the following dress code:
Common for both Boys and Girls Blue Collared white Apron with Blue PMS Emblem on both the shoulders and Name Plate. The Board is empowered to prescribe the dress code from time to time.

MINIMUM QUALIFICATION PRESCRIBED FOR ADMISSION OF MEDICAL LABORATORY TECHNOLOGY COURSE (DMLT/CMLT)

- The minimum qualification prescribed for admission to the DMLT/CMLT courses shall be a pass in II PUC with Science subjects PCB., PCMB., CBZ.,.
- If sufficient candidates who have passed with PUC science subjects are not available, the candidates with S.S.L.C. qualification could be admitted to the DMLT course
- The candidates admitted to any Para Medical Course either in Government or Private Institutions are not paid stipend, freeship or scholarship.
- There shall be no commitment on the part of the State Government or Para Medical Board to provide job to the candidates who have successfully completed the course.

AGE LIMIT FOR ADMISSION

- The candidate should have attained the minimum age of 15 years as on 31st December prior to the year of admission. Upper age limit would be 35 years. In case of Inservice, SC & ST candidates upper age limit would be 40 years.

TUITION AND OTHER FEE

- Tuition fee for Medical Laboratory Technology Para Medical Course as fixed by the Govt. in order No. HFW/ 41/MPS/2000 dated 18.06.2001 is as follows and subject to revision from time to time:

Registration Fee	Rs. 500/- one time payment on admission (Payable to the Board)
Govt. Free seats	Rs. 4,000/- per annum
Management seats	Rs. 20,000/- per annum
Govt. seats in Private Colleges (including Clinical & Tuition fee)	Rs. 8,000/- per annum

For further details please visit the official website: www.pmbkarnataka.org