

Division of Physical Sciences (Chemistry)

DST - FIST SPONSORED

ADMISSIONS 2025



Centre of Excellence - Modern Analytical Technology (COE - MAT)

Post Graduate Diploma in

MEDICAL AND ANALYTICAL LABORATORY TECHNOLOGY

(PG Dip. MALT)

In Collaboration with

M/s. Microbiological Laboratory Research & Service (I) Pvt. Ltd.

➤ One-Year Program

➤ Internship Included

➤ UAE MOH Exam Prep



**Microbiological
Laboratory**



Join our prestigious PG Diploma in Medical and Analytical Laboratory Technology, a first-of-its-kind interdisciplinary program combining theoretical classes and analytical instrumentations at Karunya Deemed University and hands-on clinical training at Microbiological Laboratory, Coimbatore – a NABL-accredited, state-of-the-art diagnostic facility.

Program Highlights

- Dual training: Academic + Clinical Laboratory Experience
- Industrial internship in real-time diagnostics
- One-on-one mentorship by top clinicians and lab technicians
- Exclusive training for UAE Ministry of Health licensing exams as a part of Placements
- Work directly with patient samples on advanced automated machines
- Learn critical skills in sample handling, machine operation & result interpretation





What You Will Gain

- Analytical Instrumentation Techniques
- Hands - on Experience in HPLC - MASS, GCMS, FLASH, FTIR, UV-Visible, Fluorescence Spectroscopy Instruments
- Real-world experience in Biochemistry, Clinical Pathology, Microbiology, and Serology
- Deep understanding of laboratory test principles
- Confidence to handle patient samples with care and precision
- Exposure to international clinical lab standards
- Internship letter from Microbiological Laboratory, Coimbatore – NABL accredited Laboratory

Career Opportunities

- Diagnostic & Analytical Labs
- Hospitals & Clinics
- Research & Development Labs
- Healthcare Roles in UAE and GCC countries

Training Locations

Theory & Instrumentations: Karunya Deemed University, Coimbatore

Lab & Hands on Training: Microbiological Laboratory Research and Services, Vadavalli, Coimbatore

Eligibility

Candidates with B.Sc Chemical Sciences/ Biological Sciences/ Life Sciences/ Biochemistry/ Pharmacy/ Pharmacology/Microbiology/Food Sciences/Forensic Sciences/Biotechnology.

Licensing Examination Training for

- Dubai Health Authority (DHA),
- Ministry of Health (MOH), UAE,
- Dubai Health Care Authority (DHCA) &
- Healthcare Roles in UAE and GCC countries

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