






B.SC IN MEDICAL LAB TECHNOLOGY


Master the Science Behind Modern Healthcare



 4-Year UG degree program

 Hands-on training in medical laboratories

 Advanced diagnostic tools & equipment

 100% Placement assistance

 Anatomy, pathology, microbiology & diagnostics

 AI-supported diagnostic learning





WELCOME TO **iLEAD**[®]

iLEAD is a premier, industry-driven institute in Kolkata offering professional UG and PG programs across media, management, design, technology, allied health, and tourism. Programs are shaped by active professionals, real workflows, and practical evaluation.

Founded in 2010 by Mr. Pradip Chopra, iLEAD balances academic depth with hands-on training, studio practice, human intelligence, AI tools, and continuous industry exposure to prepare students for the careers of tomorrow.

At iLEAD, students focus on craft, discipline, individuality, and employability.

WORDS FROM THE LEADERSHIP



PRADIP CHOPRA CHAIRMAN, iLEAD

"Our students don't just leave with degrees, they leave with a sense of purpose, a spirit of entrepreneurship, and a passion to make a difference. That is what employers see, and that is what sets them apart."

PRAGYA CHOPRA EXECUTIVE DIRECTOR, iLEAD

"We foster a spirit of entrepreneurship and transformation at iLEAD. Our students are not just job-seekers, they are change-makers equipped to create opportunities and lead impactful careers."



WHY CHOOSE US

- 🎓 Industry-aligned curriculum
- 🎓 Hands-on training in medical & pathology labs
- 🎓 Faculty with clinical and healthcare experience
- 🎓 Advanced diagnostic equipment & lab infrastructure
- 🎓 Hospital and diagnostic lab exposure
- 🎓 AI-supported learning for data interpretation
- 🎓 Clinical workshops & lab interactions
- 🎓 Mentorship from healthcare professionals
- 🎓 Access to 1,20,000+ books and 5,000+ digital AV resources
- 🎓 Earn While You Learn opportunities
- 🎓 Dedicated placement support
- 🎓 Draupnir Capital Incubation Centre for entrepreneurial ideas



AWARDS & RECOGNITIONS

- 🎓 Excellence in Academia (HRD India Awards 2023)
- 🎓 Gold Award for Green Tech & Sustainable Practices (ET TechEDU Awards 2024)
- 🎓 Education Excellence Recognition for SAARC Impact (ASSOCHAM)
- 🎓 College of the Year (T2 Festopolis)
- 🎓 Best Co-Curricular Activity College (Gurukul Awards)
- 🎓 Best Entrepreneurship Development Program Institute (Sankalp Education Awards)
- 🎓 4th Best Media School in India (KPMG)



GLOBAL CONNECT

With collaborations and MOUs across 16+ international universities, iLEAD connects students to a global academic network.



STANFORD SEED TRANSFORMATION PROGRAM

iLEAD is certified under the Stanford Seed Transformation Program, a globally respected initiative by Stanford University focused on entrepreneurship, enterprise growth, and institutional leadership.

The program influences how iLEAD designs academic systems, builds leadership frameworks, and supports entrepreneurship across disciplines. This certification reflects iLEAD's commitment to disciplined leadership, responsible innovation, and institutions built to last.



INDUSTRY PARTNERSHIP : RB DIAGNOSTIC

iLEAD's partnership with RB Diagnostic gives students direct exposure to professional diagnostic environments and real laboratory workflows. Students gain first-hand exposure to laboratory workflows, testing standards, reporting accuracy, and quality control practices followed in modern diagnostics.

The partnership strengthens practical learning through structured lab exposure and industry interaction.



PROGRAM DETAILS

A professional UG degree focused on medical diagnostics and laboratory practice.

Duration: 4 Years

Affiliation: MAKAUT

Focus Areas: Pathology, Microbiology, Biochemistry, Diagnostics

Admission: Aptitude Test & Personal Interview

Scholarships: Merit-based

Placements: 100% Placement Assistance



ELIGIBILITY

- 🎓 50% or above in 10+2 (English compulsory).
- 🎓 Provisional admission for students awaiting results.
- 🎓 Admission through CET, GD & PI.

HOW TO APPLY

► FOR ADMISSION QUERIES:

Apply online at www.ilead.net.in
Visit the campus for in-person assistance.
Call +91 9163122222.
Applications are reviewed through a structured process.

► SCHOLARSHIPS

Merit-based scholarships are available for eligible students.
For details and guidance, contact +91 9163122222.

► EDUCATION LOAN PARTNER

Financial support available through:



*Conditions apply.



WHY MEDICAL LAB TECHNOLOGY MATTERS

With India's medical diagnostics and devices market projected to reach USD 24.85 billion by 2030, laboratories play a decisive role in patient care, from routine testing to critical treatment decisions.

iLEAD trains students to work with accuracy, protocol, and quality control, preparing them to support clinical decisions with reliable diagnostic data.



WHAT YOU LEARN

From the first year, learning focuses on how diagnostic systems operate inside hospitals and clinical labs. Students learn how samples are collected, processed, analysed, and reported, while understanding the safety, accuracy, and accountability.

- 🎓 Human anatomy and physiology
- 🎓 Pathology, microbiology
- 🎓 Clinical biochemistry
- 🎓 Hematology and immunology
- 🎓 Clinical enzymology
- 🎓 Parasitology and virology
- 🎓 Clinical endocrinology and toxicology
- 🎓 Diagnostic molecular biology
- 🎓 Diagnostic techniques and laboratory practices
- 🎓 Quality control and laboratory safety
- 🎓 Medical instrumentation and equipment handling



LABORATORY EQUIPMENTS AND FACILITIES

iLEAD's laboratories are designed to mirror real critical care environments, giving students hands-on access to the equipment and systems used in modern hospitals.



EXPERIENCE IS THE CURRICULUM

Workshops, lab sessions, demonstrations, and industry interactions place students inside real diagnostic environments. Students train inside functioning laboratories, engage with professionals, observe live testing processes, work with real samples & equipment, and understand how results are generated, verified, and reported.

Students gain hands-on experience through:

- 📖 Laboratory-based diagnostic testing and analysis
- 📖 Sample handling and processing techniques
- 📖 Equipment operation, calibration, and maintenance
- 📖 Protocol-driven lab procedures and reporting

These experiences build practical clarity and professional confidence. Students learn how data moves from sample to report, how protocols are followed under pressure, and how precision shapes every diagnostic outcome.



DISCOVER

Aski Intelligence

At iLEAD, AI supports diagnostic training without replacing human judgment. AI functions as a structured study and analysis tool that helps students strengthen accuracy, deepen clinical understanding, and build confidence in diagnostic decision-making, under close faculty supervision.

Students use AI to:

- 🎓 Analyse laboratory data faster and with greater accuracy
- 🎓 Practise case-based diagnostic interpretation
- 🎓 Strengthen understanding of core laboratory sciences
- 🎓 Ensure precise reporting and data handling
- 🎓 Support research and evidence-based diagnostics



Students don't rely on automation or accept results at face value. They learn to verify data, question anomalies, cross-check findings, and apply protocols, because diagnostic work demands precision and accountability.

CAREER PATHWAYS

- 🎓 Medical Lab Technologist
- 🎓 Pathology Technician
- 🎓 Microbiology Technician
- 🎓 Hematology Technician
- 🎓 Biochemistry Lab Assistant
- 🎓 Lab Assistant
- 🎓 Lab Analyst
- 🎓 Lab Supervisor
- 🎓 R&D Lab Assistant
- 🎓 Lab Instructor
- 🎓 Clinical Laboratory Technologist
- 🎓 Diagnostic Laboratory Technologist
- 🎓 Microbiology or Biochemistry Lab Technician
- 🎓 Quality Control Technician



LIFE AT ILEAD

iLEAD is a ragging-free environment where juniors, seniors, and faculty mentors work in close, supportive relationships. Students are encouraged to collaborate and grow together, creating a culture where everyone feels safe to participate, speak up, and belong.

Beyond academics, campus life stays vibrant through events, festivals, workshops, competitions, and interdisciplinary collaborations. These experiences help students discover confidence, find their voice, and step onto their own stage, regardless of background or prior exposure.

Here, students explore interests, refine talents, and often Discover their Ikigai, the intersection of passion, skill, and purpose. With strong peer and mentor support, iLEAD students pushed boundaries and earned over 250 awards across inter-college and industry-recognised platforms last year.



FROM TRAINING TO CLINICAL-GRADE PRACTICE

At iLEAD, guided training, modern equipment, and real diagnostic workflows move students from procedural learning to controlled, accurate execution. What begins as supervised practice evolves into professional competence.

Through structured sample handling, methodical testing, data validation, and quality control, students learn to produce results that meet laboratory standards and clinical expectations.



PLACEMENTS

At iLEAD, placements are not treated as a final step that begins only at the end of a course. Instead, preparation starts early and continues throughout the academic journey. Students gradually build their skills through laboratory practice, clinical exposure, internships, and continuous evaluations, all aligned with current diagnostic and healthcare standards.

WHERE ILEADERS WORK

- 🎓 Hospital and diagnostic laboratories
- 🎓 Pathology and microbiology labs
- 🎓 Blood banks and transfusion centres
- 🎓 Research and testing laboratories
- 🎓 Private and chain diagnostic centres
- 🎓 Healthcare quality and lab management teams



SALARY SNAPSHOT

Average entry-level package: 5 LPA Onwards
Highest entry-level package: Up to ₹8-10 LPA

Packages are indicative of recent placement outcomes.

KEY PARTNERS

Our key partners include leading healthcare institutions, diagnostic centers, and industry organizations that support practical learning and professional exposure.



EARN WHILE YOU LEARN

The Earn While You Learn program at iLEAD is available to students across disciplines, allowing them to gain paid, hands-on experience while they study. Work runs parallel to laboratory learning, ensuring time spent on assignments directly strengthens diagnostic and procedural skills.

Students assist with sample handling, basic testing procedures, equipment preparation, documentation, and quality support tasks, each aligned with training level, protocols, and safety standards.



ENTREPRENEURSHIP INCUBATION

Through the Draupnir Capital Incubation Centre, iLEAD supports and funds student-led startups with mentorship, resources, and access to capital.


Backed by Draupnir Capital and the State Bank of India, the iLEAD-exclusive centre strengthens early-stage startups with financial insight and institutional backing.






IF HEALTHCARE IS YOUR CAREER, iLEAD IS WHERE YOU BEGIN

Because Reliable Healthcare Begins in the Lab

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