



Affiliated to

MAULANA ABUL KALAM AZAD  
UNIVERSITY OF TECHNOLOGY,  
WEST BENGAL



# B.Sc. in Critical Care Technology

- 4-Year UG degree program
- Critical care, ICU systems & biomedical instrumentation
- Hands-on clinical and simulation-based training
- Advanced medical labs and equipment
- AI-supported clinical learning
- Hospital exposure, internships & mentorship
- 100% Placement assistance





# Welcome to

# iLEAD<sup>®</sup>

**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.

## 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

- ICU-aligned curriculum and clinical protocols
- Practical training aligned with real clinical protocols
- Faculty with clinical and healthcare experience
- State-of-the-art medical instrumentation and ICU labs
- Structured exposure to hospital and critical care environments
- Training in biomedical equipment operation and troubleshooting
- Continuous skill-based assessment
- 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

Students graduate with clinical readiness, not just academic credentials.



# 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)



The Economic Times



Gurukul Edition

## 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.

## Program Details

A professional UG degree focused on ICU practice, clinical systems, and critical care technology.

**Duration:** 4 Years

**Affiliation:** MAKAUT

**Focus Areas:** Critical Care Systems, ICU Procedures, Biomedical Instrumentation

**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

\*Subject to MAKAUT approval.

## How to Apply

For admission queries:

Apply online at [ilead.net.in](http://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:

HDFC Bank 

State Bank of India 

\*Conditions apply.

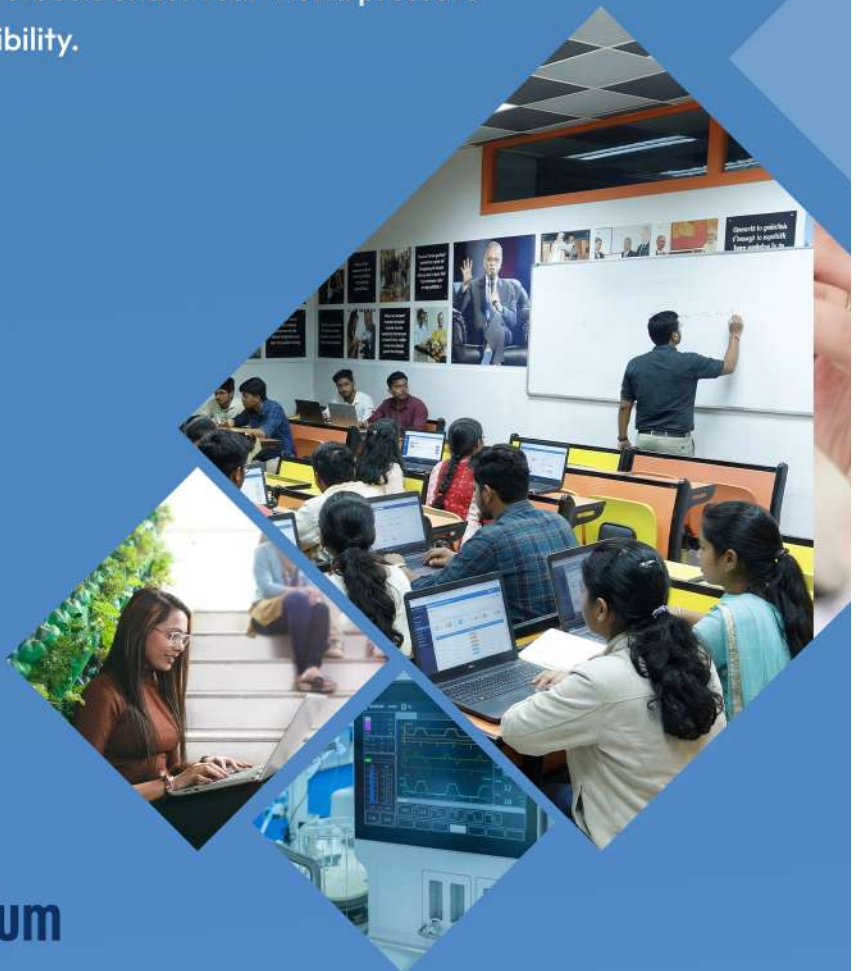


# Why Critical Care Technology Matters

Modern healthcare depends on precision, speed, and technology, especially inside ICUs and emergency units. With India's hospital industry projected to cross USD 220 billion by 2027, the demand for trained critical care professionals continues to rise. Hospitals today need technologists who can integrate human physiology, medical devices, and clinical protocols under real-world pressure and iLEAD trains students for this responsibility.

## What You Learn

- ✓ Anatomy and physiology
- ✓ Biomedical instrumentation
- ✓ ICU therapy and procedures
- ✓ Clinical pharmacology
- ✓ CSSD procedures
- ✓ Cellular and radiation biophysics
- ✓ Equipment operation & maintenance
- ✓ Procedural skills in critical care



## Experience Is the Curriculum

At iLEAD, critical care technology is learned through hands-on practice, not passive observation. Students train inside advanced labs and simulation environments built to reflect real hospital conditions. Training unfolds through structured practical sessions, clinical demonstrations, hospital visits, and supervised drills where precision, protocol, and accountability are essential.

Students gain hands-on experience through:

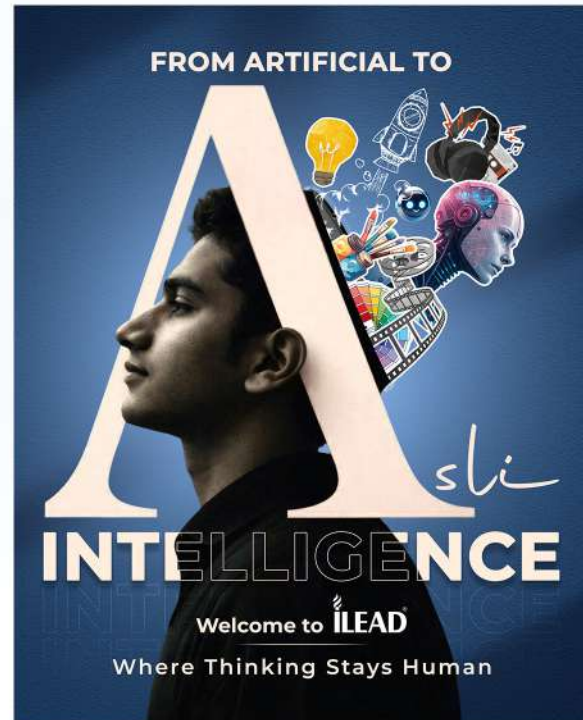
- Simulation-based ICU and emergency care training
- Practical handling of biomedical and life-support equipment
- Procedural practice aligned with hospital protocols
- Supervised hospital exposure and field visits
- Earn While You Learn & internship opportunities

Here, theory is reinforced through application and strengthened through repetition.

## Discover the Asli Intelligence Edge

At iLEAD, AI is used as a structured study and decision-support tool to strengthen understanding & preparedness, under close faculty supervision.

- Analyse medical information
- Revise complex concepts faster
- Deepen understanding of physiology & critical care processes
- Practise decision-making through simulated clinical scenarios
- Improve accuracy in monitoring, diagnostics, and interpretation
- Support research, revision, and evidence-based learning



## Career Pathways

Graduates build careers across hospitals, ICUs, emergency units, and healthcare facilities as:

- Critical Care Technologist
- ICU Technician
- Dialysis Technician
- Respiratory Therapist
- Cardiovascular Technologist
- Emergency Medical Technician
- Anesthesia Technician
- Operation Theatre (OT) Technologist
- Clinical Assistant
- Medical Research Assistant
- Teaching Professional

Career paths extend across clinical, technical, and academic healthcare roles.



# 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.



Defibrillator



Fowler bed



Multipara monitor



suction machine



Syringe Pump



Crash Trolley



CPR Manikin



ECG machine



CPR Manikin

## Life at iLEAD

iLEAD is a ragging-free environment where juniors, seniors, and faculty members 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. Over the past year, iLEAD students secured 250+ awards across inter-college competitions & industry-recognised platforms.



Annual Day



Convocation



Football Tournament



Farewell



Jash-E-Roshan



Managedia



Meraki



Future Vista

# Learning Through Practice

Students train in advanced in-house critical care labs, working with medical and monitoring equipment to practise clinical procedures and ICU protocols under supervision. Seminars, workshops, and expert-led sessions reinforce how critical care functions in real hospital environments, beyond theory.



**Hospital immersion to build clinical awareness and readiness.**



**Hands-on ICU exposure under guidance of experienced clinicians.**



**Structured classroom learning aligned to real critical care workflows.**



**Faculty-led training in emergency response protocols.**



**World Cancer Day Seminar**



**BMICCT Workshop on Principles of defibrillator**

# Key Partners



## 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.

Students assist with structured clinical, laboratory, and institutional assignments under faculty and healthcare professional supervision. Responsibilities are clearly defined, outcome-driven, and aligned with the curriculum and hospital & healthcare protocols.

## 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.

## Placements

At iLEAD, placements are the outcome of how students are trained, assessed, and prepared, not a final-year event.

## Where iLEADers Work

Graduates move into roles across hospitals and healthcare institutions, including:

- Multi-specialty hospitals and ICUs
- Emergency and trauma care units
- Dialysis and cardiac care centres
- Operating theatres and anaesthesia departments
- Diagnostic and critical care facilities
- Healthcare training and research settings

## Salary Snapshot

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

Figures are indicative of recent placement outcomes

## Careers Built Over Time

iLEAD maintains active alumni engagement, supporting graduates as they grow within healthcare systems, take on advanced responsibilities, and progress across critical care roles.

# Acknowledged by the Industry

Perspectives from clinicians, educators, and healthcare professionals familiar with iLEAD's training approach.



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*I have been to many colleges, what I like about this particular institution is that this college comes with attachment and homogeneity amongst the guys, girls and the professors.*

**R. Madhavan**  
Actor



”

*I for idea, I for integrity, I for innovation, I for invention, and I for iLEAD.*

**Parambrata Chattopadhyay**  
Actor



”

*iLEAD is an institution that prepares you to realize your potential.*

**Dr. Deepak Vohra**  
Indian Diplomat



”

*iLEAD is a mini city where you can do anything maybe 10 hours a day. That's something unique about the iLEAD campus.*

**Indrajit Bhalotia**  
National Level Golfer



”

*I never thought I would inaugurate a classroom named after my great grandfather Henry Ford anywhere, let alone in Kolkata, India. It is almost unbelievable to see such a high-quality institute in India.*

**Alfred Ford**  
Board Member of  
Ford Motor  
Company



”

*I have seen some of the best campuses in India and around the world. But I was surprised with the kind of stimulating environment created at iLEAD. The infrastructure, the push for excellence is amazing.*

**Cherojit Goswami**  
Vice President of  
Ogilvy CommonHealth  
Worldwide



”

*I really feel proud that India has an institute like iLEAD which provides not only a global standard of learning but also incredible opportunities for students.*

**Harshavardhan Neotia**  
Chairman,  
Ambuja Neotia Group




Training for critical care careers where precision matters.

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 [www.iLEAD.net.in](http://www.iLEAD.net.in)

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