



Institute of Leadership, Entrepreneurship & Development

Affiliated to

MAULANA ABUL KALAM AZAD
UNIVERSITY OF TECHNOLOGY,
WEST BENGAL



B.Sc in DATA SCIENCE

Turning Data into Decisions, Building Careers for Tomorrow

- 4-Year Undergraduate Degree Programme
- MAKAUT-Affiliated
- Learn Programming, Software Development & Emerging Technologies
- AI-Powered Learning for Smarter Computing Careers
- Career-Ready Education with Real-World Industry Exposure
- 100% Placement Support



Welcome to iLEAD

Learn Data. Build Insight. Lead Change.

iLEAD is the place where learning is built around curiosity, clarity, and real-world relevance.

The B.Sc in Data Science course is designed for students who want to understand the relevance of data in decision making and technology.

BUILDING SKILLS THROUGH PRACTICAL COMPUTING

At iLEAD, data science is not restricted to learning theories only. Students are trained through a balance of conceptual understanding and hands-on practice.

- Build a strong base in mathematics, statistics, and logical reasoning.
- Learn programming languages such as Python for data analysis and applications.
- Understand databases, data handling, and data management systems.
- Explore data visualisation, analytics tools, and reporting techniques.
- Work on projects, case studies, and guided practical assignments that reflect real industry use.

A MESSAGE FROM OUR LEADERS



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."



EXPLORING THE POWER OF DATA IN THE DIGITAL WORLD

Data science combines mathematics, programming, and analytical thinking to turn raw information into meaningful insights. In today's digital world, the ability to understand and interpret data is essential for smarter decision-making across industries.

In the B.Sc. in Data Science at iLEAD, students begin with the fundamentals of computing and statistics. They then gradually transition into data analysis and applied analytics, developing the practical skills necessary to solve real-world problems with confidence.



FROM LEARNING TO LEADING WITH DATA

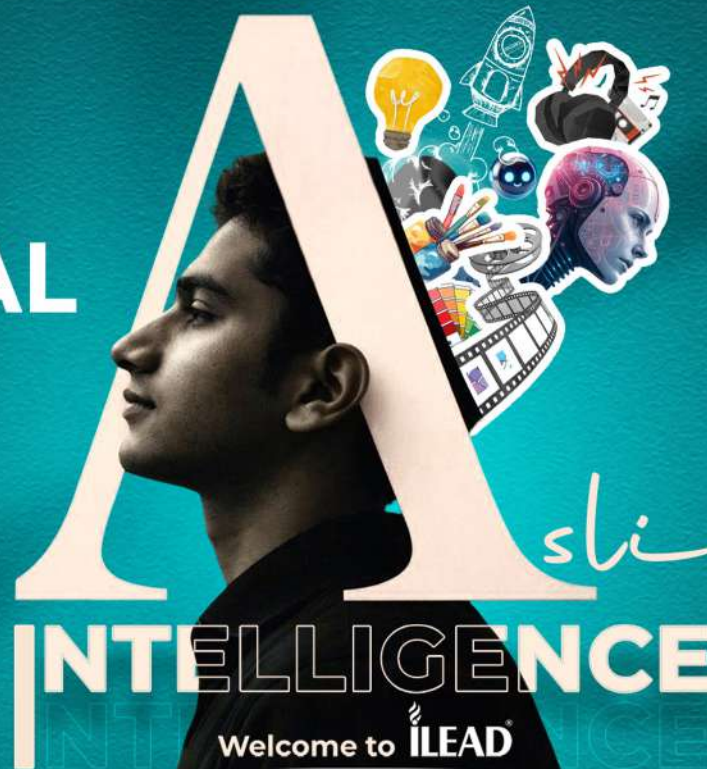
- Gain a strong foundation in programming, development, and computing systems.
- Develop problem-solving and analytical skills for IT roles.
- Work with modern tools, platforms, and development environments.
- Get career opportunities in IT, banking, and digital businesses.

ASLI INTELLIGENCE FOR ETHICAL DATA DECISIONS

At iLEAD, learning data science goes beyond advanced tools.

Through the Asli Intelligence initiative, students are encouraged to use AI while relying on their own judgment. This allows students to question the results, interpret the data responsibly, and make informed decisions.

**FROM
ARTIFICIAL
TO**



- ✓ Apply programming skills in C++ and Python to build logic, manage data structures, and implement models.
- ✓ Build strong foundations in Java, and SQL for handling and processing data.
- ✓ Interpret datasets using statistics and visualisation tools to draw clear insights.
- ✓ Analyse trends and predictions using real-time dashboards and models.
- ✓ Follow ethical data practices and make responsible, data-driven decisions.

BUILDING CAREERS THROUGH DATA AND INSIGHT

The B.Sc in Data Science programme at iLEAD creates strong career opportunities in the data-driven industry. Through practical learning and industry focus, students develop the skills to step confidently into in-demand data roles across sectors.

CAREER OPPORTUNITIES

- » Data Analyst
- » Junior Data Scientist
- » Business Intelligence Executive
- » Data Operations Associate
- » MIS & Reporting Executive
- » Analytics Support Executive
- » Entry-Level Data Engineer

TECHNOLOGY ROLES ACROSS INDUSTRIES

- IT and analytics-driven organisations
- Banking, financial services, and fintech companies
- Healthcare, research, and data-focused institutions
- Media, e-commerce, and digital platforms
- Government and public sector data departments
- Technology startups and consulting firms
- Global organisations with data and analytics teams

PREPARING YOU FOR YOUR FIRST DATA ROLE

At iLEAD, the B.Sc in Data Science programme prepares students to step confidently into entry-roles within analytics and data-driven teams. With continuous guidance and practical exposure, students prepared for the transition from academic learning to professional environments.

OUR COLLABORATION WITH DRAUPNIR CAPITAL

Through its collaboration with Draupnir Capital, iLEAD supports Data Science students who are interested in both professional placements and data-driven entrepreneurial paths. Learners receive mentorship to explore opportunities in analytics startups, technology services, digital platforms, and businesses that rely on data insights to scale and grow.

SEED SPARK PROGRAM BY STANFORD SEED

The Stanford Seed Spark Program offers students exposure to global business and technology practices. For Data Science learners, this experience builds an understanding of how data, analytics, and insight-driven strategies are used in international organizations and startup ecosystems, preparing them for modern, globally aligned work environments.

BEGINNING YOUR PROFESSIONAL JOURNEY IN DATA

- Begin your career with entry-level roles in data analytics and technology teams.
- Build skills aligned with real-world data analysis, reporting, and decision support.
- Start earning with remuneration ranging from INR 5 LPA onwards.
- Gain confidence through industry-focused training and applied learning.
- Transition smoothly from campus education to professional data environments.



Academia Awards at HRD India Awards 2023



GLOBAL COLLABORATIONS THAT EXPAND HORIZONS

iLEAD partners with 18 international universities across the USA, Germany, and China for global learning and academic exchange.



Colvin Institute
University of Maryland



Corporate University
germany



Capital University
Ohio, USA



Jain Vishva Bharati Institute
Ladnun, Rajasthan



Tennessee state University
Nashville, USA



University of Dhaka
Bangladesh



Kasem Bundit University
bangkok, Thailand



Evelyn College of Design
Kenya, Africa



AIMST University
Kedah, Malaysia



Kathmandu University
Nepal



Bhutan Media &
Communications Institute



Christ University
Bangalore



Yunnan normal University
Kunming, China



Noble International
University
Toronto, Canada



coleman university
singapore



Lincoln University
College, Malaysia



Law & Management
Business School
Port Louis, Mauritius



Gedu College of Business
Studies Gedu, Bhutan

RECRUITMENT PARTNERS ACROSS SECTORS

Opening doors to multiple industries and career paths



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.



Annual Award



Football Tournament



Meraki



Farewell



Jashn-E- Roshan



Managedia



Cricket Tournament



Convocation

WHERE EXPERTISE SHAPES EDUCATION

- Excellence in Academia Awards at HRD India Awards 2023
- 52,780+ Hours of Teaching Experience
- 120,000+ Books in Library
- 200+ Awards & Recognitions
- Collaboration with Stanford Seed
- Merit-Based Scholarships

FROM DATA CONCEPTS TO PRACTICAL INSIGHTS

At the iLEAD campus, the B.Sc. in data science course goes beyond lectures, encouraging students to work with data and turn insights into meaningful outcomes. From guided lab sessions and analytics-based assignments to collaborative projects and industry-aligned tasks, students get exposure to data collection, processing, analysis and interpretation.

INFRASTRUCTURE FOR ANALYSIS, CODE AND INSIGHTS

- ✓ Smart classrooms that enable interactive learning for analytics, statistics, and computational subjects.
- ✓ Advanced computer labs equipped for programming, data modelling, and hands on data analysis.
- ✓ Access to industry relevant data science tools, programming languages, and analytical frameworks.
- ✓ Dedicated spaces for presenting insights, visualizing results, and refining data driven decision making.
- ✓ Team oriented work areas that replicate real world data science projects and collaborative environments.



Faculty-led data insights and decisions.



Hands-on data analysis and visualisation.



Guided data interpretation and discussion.

EXPERT SESSIONS AND DATA-FOCUSED EVENTS

At iLEAD, events and seminars form an important part of the B.Sc in Data Science learning experience. The institute regularly hosts seminars, expert talks and interactive sessions that expose students to work environments. These interactive sessions encourage curiosity, discussions and practical understanding of emerging trends and technology.



One-Day Seminar on Emerging Trends in AI



Future Vista



Seminar of HCL Tecnology



Field visit at New town Kolkata Development Authority



Field visit at Netguru building, sector 5

HOW TO APPLY

The admission process at iLEAD is designed to be simple, transparent, and student-focused. Here are the steps to follow:

Step 1: Online Application

Applicants must fill out the online application form available on the official iLEAD Kolkata website with the required details.

Step 2: Selection Process

Admissions are conducted through a Common Entrance Test (CET) followed by a Group Discussion and Personal Interview (GD-PI) for all programs, except MSc. For MSc programs, selection is based on the MAKAUT CET, followed by GD-PI.

Step 3: Merit List & Admission Confirmation

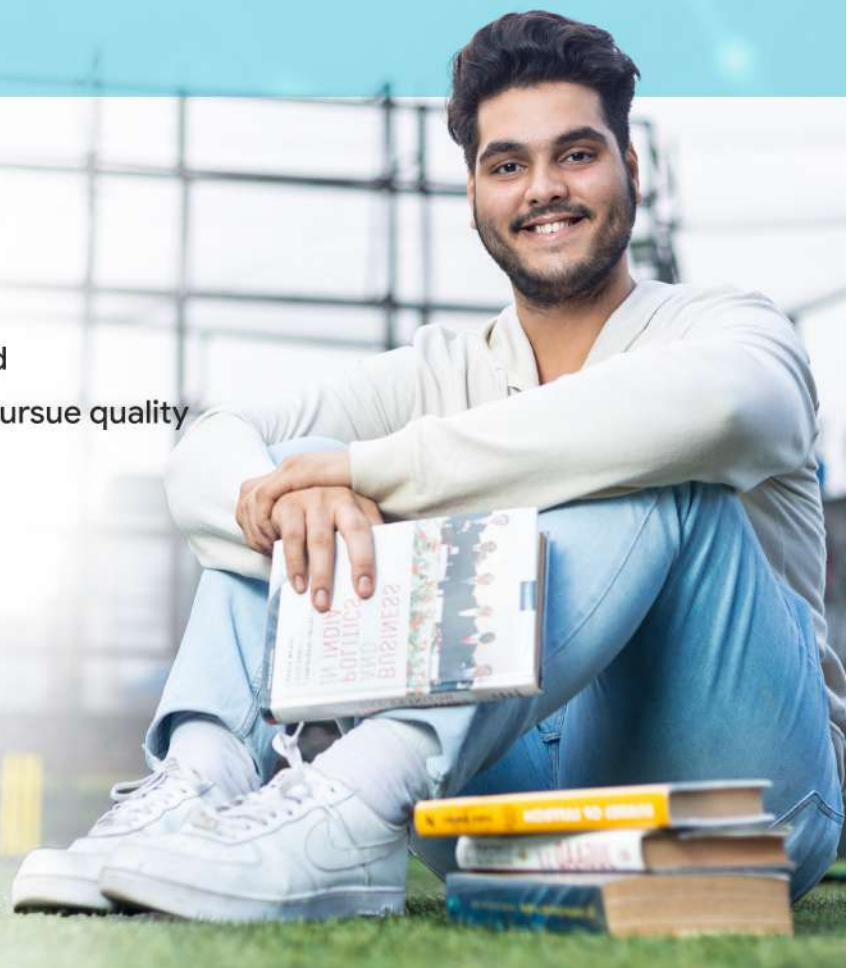
Based on performance in the selection rounds, iLEAD publishes a merit list. Selected candidates can confirm their admission by paying the required fee at the designated admission receipt centre.

Scholarships and Fee Assistance

iLEAD offers merit-based and need-based scholarships to help deserving students pursue quality education without financial stress.



T&C apply.





ANALYSIS

ALGORITHM

DATA SCIENCE

STRUCTURE

PROCESS

**iLEAD**[®]


B.Sc in Data Science

Turning Data into Careers

A hands-on programme designed to help students turn data into insights.


Begin Your Journey Toward a Career in Data Science

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