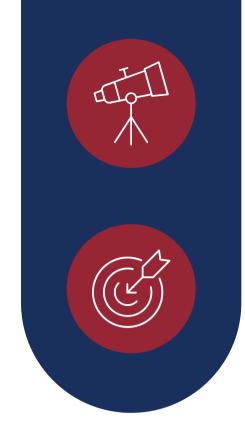# IILM UNIVERSITY

Gurugram | Greater Noida

Learn with Purpose, Lead with Purpose

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SCHOOL OF
COMPUTER SCIENCE & ENGINEERING

VISION

Our vision is to be a leading University that inspires students to become responsible global citizens and leaders in their chosen fields and in the world, through an innovative, interdisciplinary, and inclusive approach to learning.

MISSION

Our mission is to provide students with an education that is intellectually stimulating and practically relevant. We aim to foster a community of learners who are innovative, interdisciplinary, and socially responsible. We offer a range of programmes that are designed to prepare students for purposeful work and to inspire them to make a positive difference in the world. We are dedicated to empowering students with the knowledge, skills, and experiences they need to achieve their full potential and to become responsible global citizens and leaders.

IILM ADVANTAGES

30 YEARS
Over 30 years of excellence

Global network of over 16000 alumni

International Collaborations

Niche Programmes

Job opportunities with over 400 companies

Centrally located green campuses

Experienced Academicians

Scholarships

MEET OUR VISIONARY LEADERS IN COMPUTER SCIENCE

Dr Rajeev Tiwari
Professor and Dean
School of Computer Science & Engineering
IILM University Greater Noida

Dr Shamik Tiwari
Professor and Dean
School of Computer Science & Engineering
IILM University Gurugram

SCHOOL OF COMPUTER SCIENCE AND ENGINEERING

The School of Computer Science and Engineering at IILM University offers a comprehensive and forward-thinking educational experience. With a flexible, NEP-compliant curriculum, students can customise their degrees with specialisations and honours research options to suit their career goals. The involvement of experienced faculty, cutting-edge labs, and opportunities to engage with global experts enriches the learning experience. Industry-designed programmes that connect students with on-campus experts ensure a hands-on, practical approach, making it an excellent choice for those pursuing a career in computer science.

PROGRAMMES

UNDERGRADUATE (Greater Noida)

▶ **B Tech in CSE with specialisation in**

- AI-ML
- Data Science and Big Data Analytics
- Cyber Security
- Cloud Computing
- Graphics and Gaming
- Artificial Intelligence and Machine Learning in collaboration with IBM

▶ **B Tech in CSE with specialisation in**

- Cyber Security in collaboration with Microsoft
- Cloud Computing in collaboration with Microsoft

▶ **B Tech in CSE with specialisation in Full Stack Web Development in collaboration with L&T EduTech**

▶ **BCA (4 years with Hons) with Specialisation in**

- AI-ML
- Web Development

▶ **BCA with specialisation in Web Design and Development and iOS Fundamentals in collaboration with SKLZ TECT LLP**

▶ **B Tech CSE with specialisation in iOS Mobile Application with ML and AR in collaboration with SKLZ TECT LLP**

UNDERGRADUATE (Gurugram)

▶ **B Tech in CSE with specialisation in**

- AI-ML
- Cyber Security and Digital Forensics
- Full Stack Development
- Data Science
- Cloud Computing
- Immersive Technologies
- Data Engineering

POSTGRADUATE (Greater Noida)

▶ **M Tech in CSE with specialisation in**

- Generative AI
- Robotics and Machine Intelligence

▶ **MCA**

POSTGRADUATE (Gurugram)

▶ **M Tech in CSE with specialisation in Generative AI**

PhD in Computer Science & Engineering

COLLABORATIONS

MoUs with various renowned Industries/Academic Institutions

IBM	Innovation Centre for Education B.Tech, MBA and BBA programs in collaboration with IILM University	Infosys Springboard	nasscom	ICTACADEMY	iOS
paloalto Cybersecurity Academy	RED HAT ACADEMY	aws academy	Data Flair	IEEE	CompTIA
L&T EduTech	hitbullseye	NATIONAL INSTITUTE OF TECHNOLOGY UTTARAKHAND अध्यासाध्यरयेतः विद्या	Microsoft	ORACLE Academy	TAYLOR'S UNIVERSITY Wisdom · Integrity · Excellence

PROGRAMME OVERVIEW

UNDERGRADUATE PROGRAMMES (Greater Noida)

▶ **B Tech in CSE with specialisation in AI-ML**

Our Artificial Intelligence and Machine Learning specialisation equips students with an in-depth understanding of algorithms, data structures, and the latest AI advancements. Students will learn to develop intelligent systems and solve complex problems using machine learning techniques, preparing them for the rapidly evolving AI landscape.

▶ **B Tech in CSE with specialisation in Data Science and Big Data Analytics**

This programme enables students to harness the power of data by learning how to analyse, visualise, and interpret large datasets. The course focuses on big data tools, predictive modelling, and data mining techniques essential for modern industries.

▶ **B Tech in CSE with specialisation in Cyber Security**

This specialisation covers key areas such as information security, network defence, ethical hacking, and digital forensics. Students are trained to protect data and networks, making them highly sought after in today's digital age.

▶ **B Tech in CSE with specialisation in Cloud Computing**

Our Cloud Computing programme provides students with practical experience in cloud architectures, virtualisation, and scalable cloud solutions. Learners will gain expertise in managing cloud services, security protocols, and applications for the modern digital enterprise.

▶ **B Tech in CSE with specialisation in Graphics and Gaming**

Focusing on the design and development of games and graphics systems, this specialisation equips students with both 2D and 3D game development skills. It prepares them for the growing graphics and gaming industry.

▶ **B Tech in CSE with specialisation in AI-ML in collaboration with IBM**

This collaborative programme with IBM combines foundational computer science education with specialised training in artificial intelligence and machine learning. Students benefit from IBM's industry-driven curriculum, ensuring they are ready for future AI roles.

► **B Tech in CSE with specialisation in Cyber Security in collaboration with Microsoft**

This partnership with Microsoft prepares students to tackle advanced cybersecurity challenges. From digital forensics to cloud security, students receive exclusive training aligned with industry standards.

► **B Tech in CSE with specialisation in Cloud Computing in collaboration with Microsoft**

Leveraging Microsoft's expertise, this course focuses on building, managing, and securing cloud infrastructure. Students gain critical skills to become cloud architects and experts in cloud solutions.

► **B Tech in CSE with specialisation in Full Stack Web Development in collaboration with L&T EduTech**

In partnership with L&T EduTech, this programme trains students in both front-end and back-end development, emphasising full-stack capabilities. The focus is on modern frameworks such as Angular, Node.js, and Cloud Integration.

► **BCA (4 Years with Hons) with specialisation in AI-ML**

The BCA honours programme offers advanced topics in AI and machine learning, helping students build a strong knowledge base in algorithms, predictive modelling, and data-driven decision-making.

► **BCA with specialisation in Web Development**

This programme prepares students for roles in web design and development, covering both front-end and back-end technologies, responsive web design, and user interface/user experience (UI/UX) principles.

► **BCA with specialisation in Web Design and Development and iOS Fundamentals (in collaboration with SKLZ TECT LLP)**

This collaboration with SKLZ TECT LLP focuses on both web design and iOS development, providing students with hands-on experience in creating cutting-edge websites and iOS mobile applications.

► **B Tech in CSE with specialisation in iOS Mobile Application with ML and AR (in collaboration with SKLZ TECT LLP)**

This unique programme explores iOS app development alongside machine learning and augmented reality. The collaboration with SKLZ TECT LLP ensures access to industry-specific projects and certified trainers.

UNDERGRADUATE PROGRAMMES (Gurugram)

► **B Tech in CSE with specialisation in AI-ML**

The AI-ML specialisation offers comprehensive knowledge in artificial intelligence and machine learning. Students will learn cutting-edge techniques to develop intelligent systems.

► **B Tech in CSE with specialisation in Cyber Security & Digital Forensics**

This programme delves into cybersecurity and digital forensics, teaching students how to detect, analyse, and prevent cyber threats and fraud.

► **B Tech in CSE with specialisation in Full Stack Development**

Students will gain expertise in both front-end and back-end development, learning to create complete web and mobile applications from scratch.

► **B Tech in CSE with specialisation in Data Science**

This specialisation focuses on data analysis, visualisation, and machine learning, equipping students to extract actionable insights from complex datasets.

► **B Tech in CSE with specialisation in Cloud Computing**

The cloud computing specialisation equips students with skills in building, managing, and deploying cloud-based infrastructure, providing solutions for modern digital enterprises.

► **B Tech in CSE with specialisation in Immersive Technologies**

Explore AR, VR, game development, and immersive technologies to create interactive digital experiences and innovative applications.

► **B Tech in CSE with specialisation in Data Engineering**

Learn to design, build, and maintain data pipelines and large-scale systems for managing big data, ensuring efficient data flow.

POSTGRADUATE PROGRAMMES

► **M Tech in CSE with specialisation in Generative AI**

Delve into the world of Generative AI, learning how to develop models capable of creating new data, such as text, images, and code, based on existing datasets.

► **M Tech in CSE with specialisation in Robotics and Machine Intelligence**

Focusing on robotics and artificial intelligence, this specialisation prepares students to design intelligent robotic systems with real-world applications.

► **MCA**

Provides advanced knowledge in software development, computer systems, and cutting-edge technologies, positioning graduates for leadership roles in the tech industry.

► **PhD in Computer Science & Engineering**

Fosters innovation and research in computer science. Candidates contribute to the field by addressing real-world challenges in areas such as AI, cybersecurity, and data science through advanced research.

INTERNSHIPS

We are dedicated in providing industry internships at the end of each academic year, followed by a major project in the final year. These experiences expose students to real-world industry requirements, promote personal growth, and help develop essential professional skills.

PLACEMENTS

IILM University's Corporate Resource Cell (CRC) leads our Training and Placement activities, connecting students with exciting career opportunities and fostering collaboration between industry and academia to prepare them for their professional journeys.

School of Computer Science and Engineering embraces the National Education Policy (NEP) and offers flexible education with multiple entry and exit options.

CAMPUS RECRUITERS

Deloitte.	KPMG	pwc	HDFC BANK	kotak	silverskills	Reliance RETAIL
Gartner.	L'ORÉAL	BLACKROCK	DELL	tcs TATA CONSULTANCY SERVICES	Flipkart	SAINT-GOBAIN
wipro	HCL	TECH mahindra	zomato	HSBC	cognizant	Infosys
OXANE PARTNERS	MarshMcLennan	EY	mamaearth	Mondelēz International	asianpaints	L&T

LABS

iOS Lab

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Machine Learning & Data Science Lab

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Security Lab

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Cloud Lab

LEARN FROM THE BEST

Experience the guidance of world-class pioneers on your journey towards education, wisdom, and knowledge. These experts bring vast industry experience in their respective fields, enhancing both the teaching and learning process.

Dr S. Y. Quraishi
Chancellor Emeritus
IILM University, Gurugram
Former Chief Election Commissioner of India

Mr Bharat Kaushal
Chancellor
IILM University, Greater Noida
MD, Hitachi

Mr P. Dwarakanath
Chancellor
IILM University, Gurugram
Former Chairman
GSK Consumer HealthCare

Prof (Dr) Padmakali Banerjee *FRSA, London*
Vice-Chancellor
IILM University, Gurugram

Prof (Dr) Taruna Gautam
Vice-Chancellor
IILM University, Greater Noida
Professor of Economics

Prof (Dr) Ranbir Singh
Pro-Chancellor
IILM University, Gurugram
Founder & Former Vice-Chancellor
NALSAR Hyderabad & NLU Delhi

Prof (Dr) Shailesh Gandhi
Pro-Chancellor
IILM University, Gurugram
Former Dean- IIM, Ahmedabad

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