AI WINTER SCHOOL 2.0
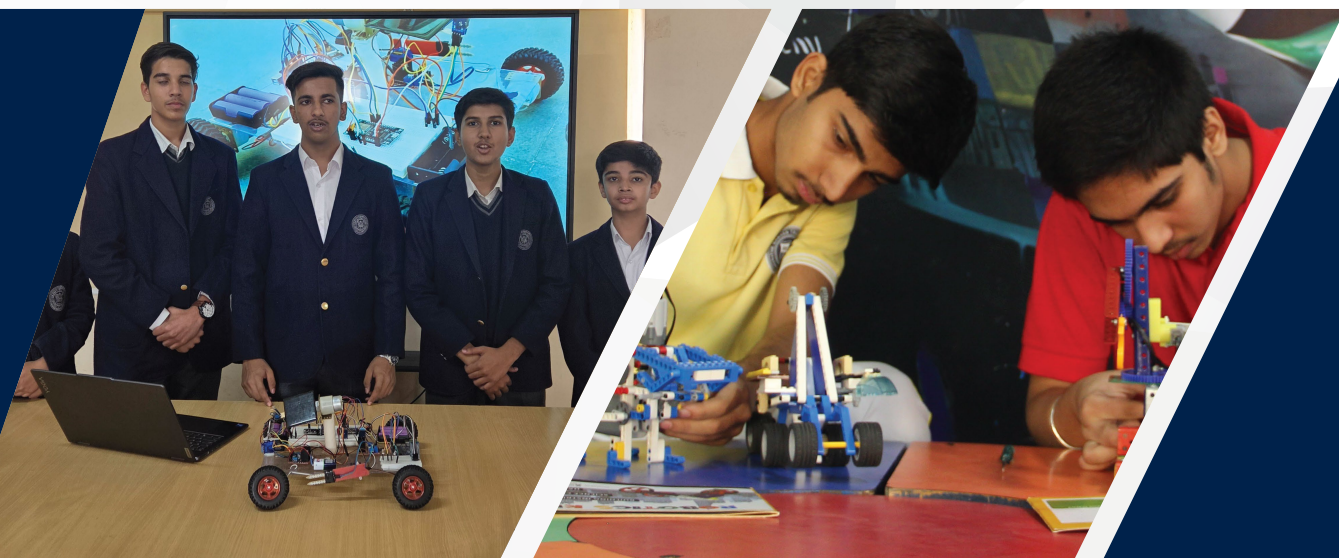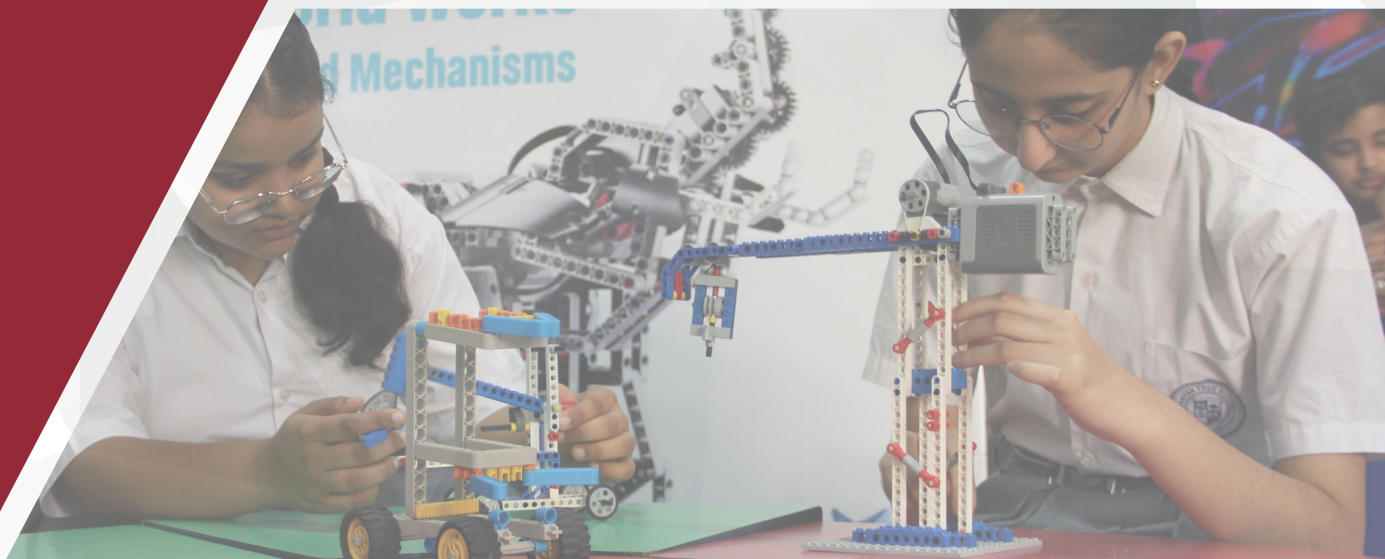## 19, 20, AND 21 DECEMBER 2025

From questions to creations, turn curiosity into code.

IILM UNIVERSITY
Gurugram

BANYAN TREE SCHOOL

Xebia | Microsoft | acm Student Chapter IILM University Gurugram | IEEE Student Branch
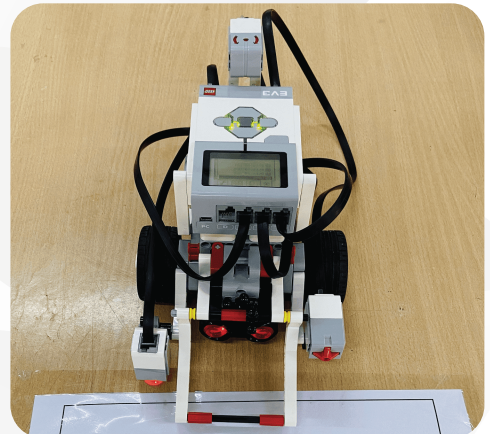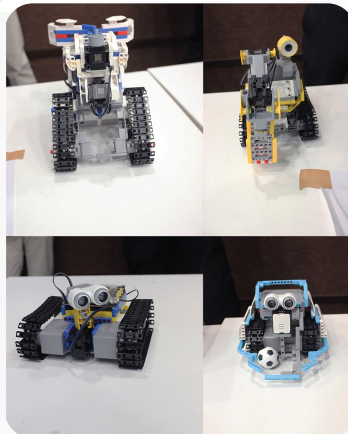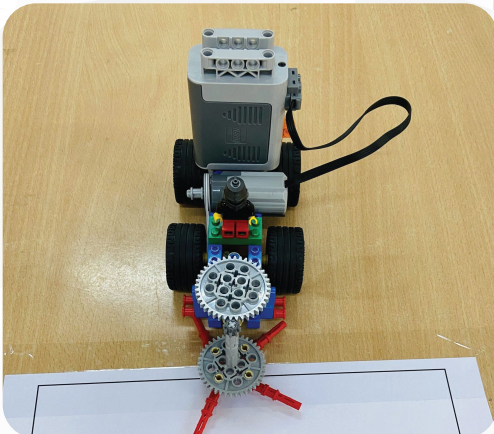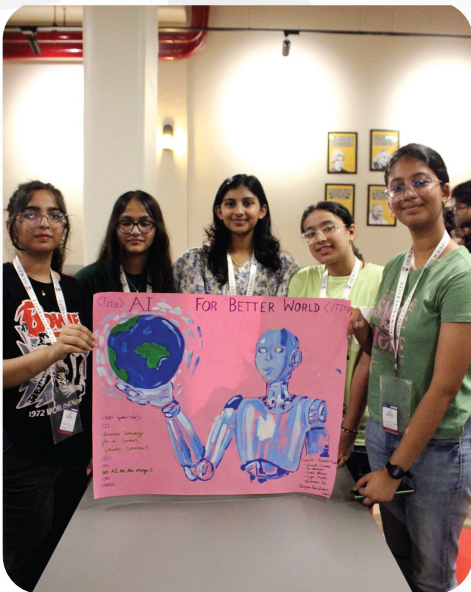
About AI Winter School 2.0

The AI Winter School 2.0 is a 3-day learning experience curated by the School of Computer Science and Engineering, with industry partners Microsoft and Xebia, along with ACM and IEEE Student Chapters.

This program is designed to immerse students in the latest developments in Artificial Intelligence, Generative Models, and IoT-based Smart Systems through a combination of theory, hands-on practice, and real-world project showcases.

Discover how today's AI tools and IoT technologies are reshaping industries and empowering future innovators.

Why Join?

▶ Hands-on sessions with real AI tools

▶ Beginner to advanced tracks for Classes 8–12

▶ Live demos, projects & creative challenges

▶ Exposure to AI, IoT, Data Science & Robotics

▶ Collaborative activities with peers from across schools—learn, share, and grow together.

▶ Earn a certificate that boosts your academic portfolio and opens doors.

Unlock the power of AI and robotics—your journey begins now.

Key AI Learning Tracks

AI Unplugged
From Synapses to Systems
Understand how Artificial Intelligence draws inspiration from human cognition and powers modern intelligent systems.

Prompt Engineering Masterclass
Explore the art and science of writing effective prompts using OpenAI, Perplexity, and Microsoft Copilot to generate accurate and creative outputs.

Context Engineering & RAG Systems
Learn how AI models use context, retrieval-augmented generation, and dynamic inputs to make smarter, domain-specific decisions.

Generative AI in Action
Hands-on sessions on Gemini, OpenAI API, and Hugging Face to create text, image, and data-driven applications.

No-Code & Low-Code AI Tools
Discover how to build intelligent applications quickly using visual tools, ideal for beginners exploring AI automation.

Google AI Lab Sessions
Engage with Google AI tools and AI Studio for rapid experimentation and visualisation of ML and generative models.

Interactive Experiences

► Live Demos of AI and LLM applications
► Mini Hackathon: "Build with Prompts" Challenge
► Showcase of Student Prototypes
► Certificates from IILM University

Learn AI. Build projects. Lead the change.

Session Highlights

The Creative Circuit
How AI Thinks, Learns, and Dreams
Explore how neural networks imitate human thought and creativity — bridging logic and imagination in intelligent systems.

Prompt to Power
Mastering the Language of Machines
Learn to communicate effectively with AI using prompt engineering — shaping smarter and more creative outputs.

Agents at Work
Building the Next Digital Workforce
Design intelligent AI agents that automate campus operations and everyday digital tasks — all with no-code tools.

RoboVerse
Crafting the Future of Smart Robotics
Step into the world of AI-driven robotics — see how robots learn to navigate, sense, and interact intelligently.

When Things Think
AI Meets the Internet of Things
Understand how connected devices and AI combine to create smarter environments — from classrooms to cities.

Math Behind Magic
The Hidden Equations of AI
Peek behind the curtain of artificial intelligence, where probability, matrices, and vectors make the magic happen.

The Sensor Symphony
Machines That Feel the World
Discover how IoT sensors and cloud AI create responsive systems — monitoring, predicting, and optimizing in real time.

AI x Art
Designing with the Digital Muse
Experience creative expression through generative AI — turning data into design, and code into creativity.

No-Code, Big Impact
Build AI Without Coding
Empower your innovation with no-code AI tools like Notion AI, Framer, and Chatbot Builder — where ideas matter more than syntax.

Smart Spaces
IoT for a Smarter Campus
Imagine classrooms that auto-adjust lighting, labs that monitor energy, and security powered by intelligent sensors — powered by IoT + AI.

Data in Motion
IoT Streams and AI Insights
Explore how live IoT data feeds intelligent systems, enabling prediction, personalisation, and performance in every domain.

Storytelling with AI
Narratives Beyond Human Imagination
From fiction to futuristic realities — see how AI turns stories into interactive experiences.
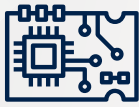
AI Build-a-Thon
Create, Code, Collaborate
Join a creative sprint to design your own AI or IoT solution — teamwork, innovation, and excitement guaranteed.

Connected Intelligence
Bridging Humans, Machines, and Data
A futuristic session exploring convergence, how AI, IoT, and human insight redefine problem-solving.

Think big. Create smart. Innovate together.

IoT Innovations and Smart Systems

IoT in Action
Hands-on sessions on designing, programming, and deploying IoT devices using Arduino, Raspberry Pi, and cloud-integrated sensors.

Smart Campus Challenge
Teams will design prototypes for Smart Energy, Smart Environment, and Smart Safety Systems powered by IoT and AI.
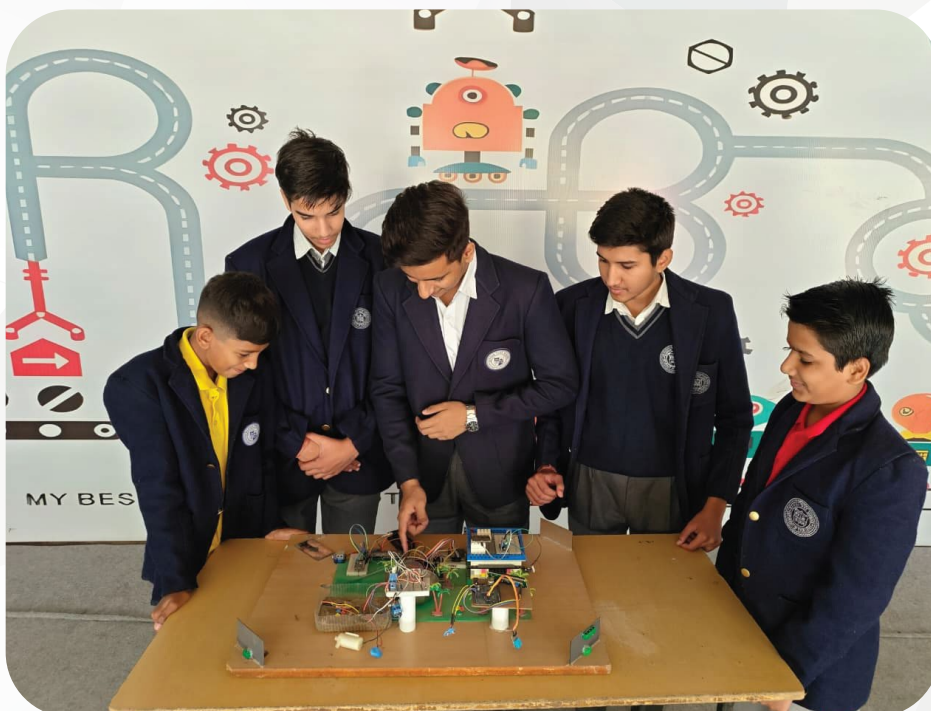
Integration Track: AI Meets IoT
Understand how Machine Learning models enhance IoT data, creating predictive, autonomous, and context-aware systems.

Key Takeaways

► Build real AI and IoT mini-projects.

► Learn beginner-friendly to advanced concepts with expert mentors.

► Collaborate with peers from across schools—learn, share, and grow together.

► Use AI to create solutions that serve the community.

► Earn a certificate that boosts your academic portfolio and opens doors.

Skills Developed

► Interpersonal Skills

► Communication Skills

► Presentation Skills

► Problem-Solving Skills

► Leadership Skills

► Teamwork & Collaboration

► Confidence Building

Collaborate. Create. Conquer the future.

Event Details & Contact
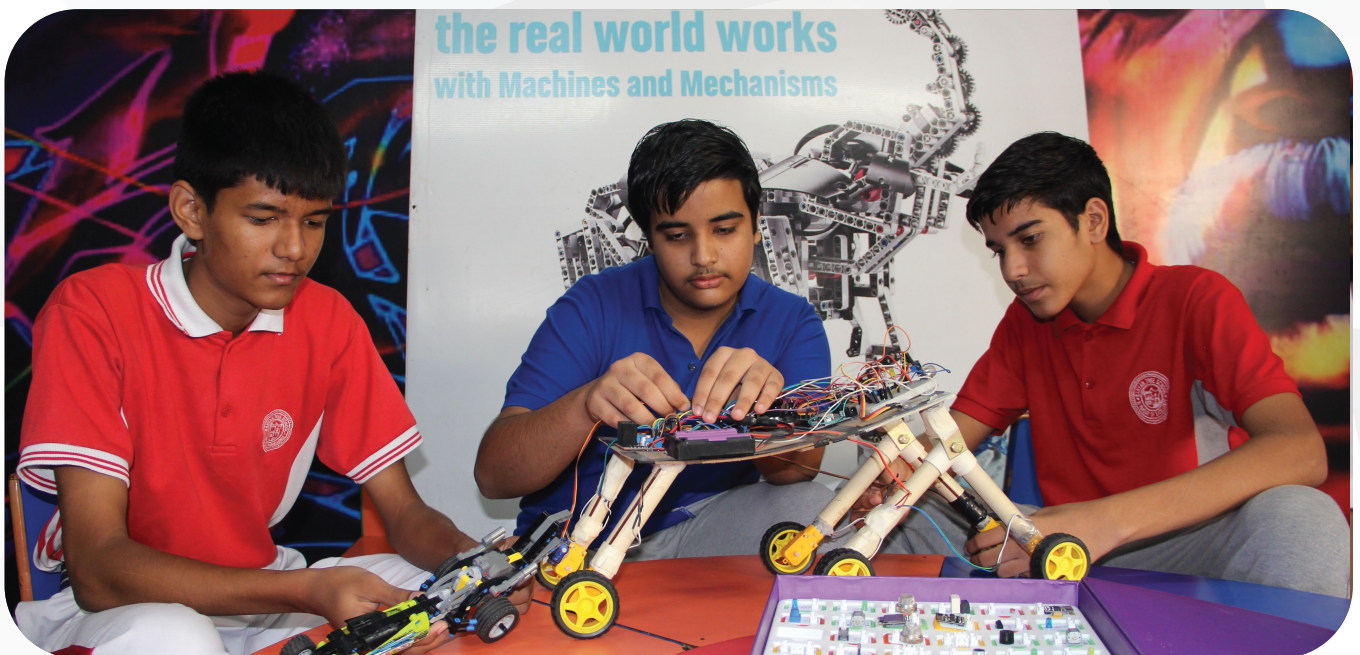
Event Coordinator

Dr. Sonam Lata
IILM University, Gurugram
sonam.lata@iilm.edu

Jayshree Sharma
Banyan Tree School, Jaipur
jayshree.sharma@jpr.banyantree.in

Join us at AI Winter School 2.0 to explore the intersection of Artificial Intelligence and the Internet of Things. Empowering the next generation of innovators to imagine, design, and build the intelligent systems of tomorrow.

Organised by:
School of Computer Science and Engineering
IILM University, Gurugram
In Collaboration with ACM & IEEE Student Chapters

Event Dates
19, 20, and 21st December 2025

Venue
Banyan Tree School, Sector-7, Madhyam Marg, Mansarovar, Jaipur, Rajasthan – 302020

Registration Fees
₹2,000 per student (Inclusive of meals for all three days)

Contact Person
Ms Rehana Begum :
8882014197 | rehena.begum@iilm.edu
Ms Jayshree Sharma :
9602919131 | jayshree.sharma@jpr.banyantree.in

Scan to Register

TQRCG