

SCHOOL OF ENGINEERING

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING · DEPARTMENT OF MECHANICAL AND ALLIED ENGINEERING

KALAM ROBOTICS SOCIETY (KRS) PRESENTS



AURIX

INNOVATE | BUILD | BEYOND

ADVANCED UNIFIED ROBOTICS & INNOVATION EXPERIENCE

27–28 OCTOBER 2026

IILM UNIVERSITY, GREATER NOIDA

27–28 OCT

2026

2 DAYS

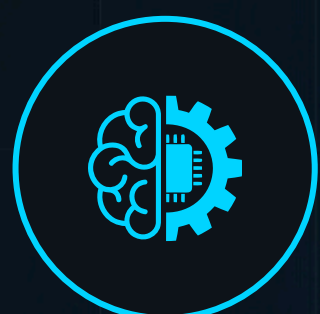
ONE ARENA

5 EVENTS

COMPETITIVE TRACKS

₹2,00,000

TOTAL PRIZE POOL



ROBOTICS & AI
HACKATHON



ROBO IDEATHON



ROBO RACE



ROBO SOCCER



ROBO EXPO

INNOVATE · BUILD · BEYOND

Built at IILM. Driven by KRS.

AURIX 2026 brings together IILM University, the Kalam Robotics Society and a new generation of builders for two days of robotics, AI and hands-on innovation.



HOST INSTITUTION

IILM University, Greater Noida

AURIX 2026 is hosted on the IILM University campus in Greater Noida by the School of Engineering, in association with the Department of Electrical and Electronics Engineering and the Department of Mechanical and Allied Engineering. The university provides the academic leadership, faculty mentorship and campus platform behind the fest.



ORGANISING SOCIETY

Kalam Robotics Society (KRS)

KRS is a student-driven technical community at IILM University dedicated to turning abstract concepts into practical, hands-on engineering experiences. The society promotes robotics and emerging technologies, builds real project-development experience, and creates technical competitions and workshops for students.



THE FEST

AURIX: Advanced Unified Robotics & Innovation Xperience

AURIX is IILM University's flagship robotics technical fest, organised by KRS under the School of Engineering. Over two days, participants move through three stages (Innovate, Build, Beyond) across five competitive events spanning hackathons, robotics challenges and project exhibitions, with a combined prize pool of ₹2,00,000.

EVENT SNAPSHOT

27–28

OCTOBER 2026

2

DAYS

5

COMPETITIVE EVENTS

₹2,00,000

TOTAL PRIZE POOL

3

STAGES



INNOVATE



BUILD



BEYOND

IILM LEADERSHIP

CHIEF PATRONS AND ADVISORY



VICE-CHANCELLOR

Dr. Jayasankar Variyar

IILM University, Greater Noida



PRO VICE-CHANCELLOR

Dr Nihar Amoncar

IILM University, Greater Noida



REGISTRAR

Brigadier S S Gill (Veteran)

IILM University, Greater Noida



DEAN - ACADEMICS

Dr. Dattatri K. Nagesha

IILM University, Greater Noida



DIRECTOR

Dr. Vadivel Ayyasamy

School of Computer Science and Engineering, IILM University, Greater Noida



DEAN

Dr. Naga Swetha Pasupuleti

School of Engineering, IILM University, Greater Noida

IILM LEADERSHIP

CHIEF PATRONS AND ADVISORY



DEAN

Dr. Arvind Kumar Jain

School of Sciences & Dean Students' Welfare, IILM University, Greater Noida



DEAN

Dr. Namuduri Srinivas

Biotechnology, IILM University, Greater Noida

People Behind AURIX 2026

CORE ORGANISING COMMITTEE



HEAD OF DEPARTMENT

Dr Naseem Ahamad

Department of Mechanical and Allied Engineering



HEAD OF DEPARTMENT

Dr. Pritesh Shah

Department of Electrical and Electronics Engineering



KRS MENTOR

Dr. Vanya Arun

Associate Professor, Department of Electrical and Electronics Engineering



KRS MENTOR

Dr. Ankita Awasthi

Associate Professor, Department of Mechanical and Allied Engineering



Prof. Arpit Varshney

Assistance Professor, Department of Electrical and Electronics Engineering

Two days. One arena.

Five competitive events, from a 12-hour build sprint to head-to-head robot matches.

DAY 01

27 October 2026



Robotics & AI Hackathon

7:00 AM



Robo Expo

10:00 AM



Robo Race

10:00 AM

DAY 02

28 October 2026



Robo Ideathon

10:00 AM



Robo Soccer

10:00 AM



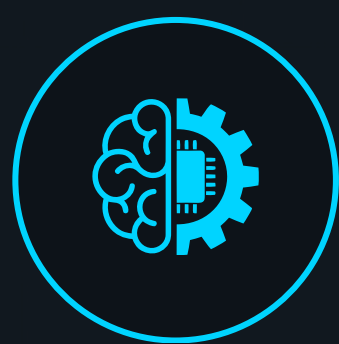
Prize Distribution

2:00 PM

The detailed, minute-by-minute schedule for all events will be announced closer to the event date.

EVENTS AT A GLANCE

5 EVENTS · ₹2,00,000 TOTAL PRIZE POOL



EVENT 01

Robotics & AI Hackathon

12-hour build. 9 tracks. Real-world problems.

PRIZE POOL

₹1,00,000

REGISTRATION

₹749 per team



EVENT 02

Robo Ideathon

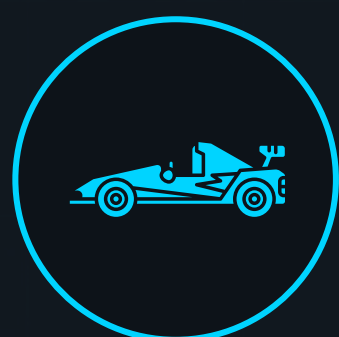
Your idea, pitched and defended.

PRIZE POOL

₹10,000

REGISTRATION

₹399 per team



EVENT 03

Robo Race

Speed meets precision on the track.

PRIZE POOL

₹30,000

REGISTRATION

₹499 per team



EVENT 04

Robo Soccer

Bots go head-to-head on the pitch.

PRIZE POOL

₹30,000

REGISTRATION

₹499 per team



EVENT 05

Robo Expo

Showcase what you've built.

PRIZE POOL

₹30,000

REGISTRATION

₹499 per team



Robotics & AI Hackathon

BUILD · THINK · AUTOMATE · COMPETE

A theme-driven Robotics + AI challenge where teams build intelligent machines that sense, decide and act. Teams qualify online, build for 12 hours on campus, and finish with a live demo in front of the jury.

12 HRS

BUILD SPRINT

1-5

MEMBERS PER TEAM

50

TEAMS SHORTLISTED

₹749

PER TEAM

₹1,00,000

PRIZE POOL

TWO-ROUND FORMAT

01

ONLINE SCREENING

19 October 2026

02

12-HOUR BUILD

Prototype Development, On Campus

03

FINAL EVALUATION

ROUND 2 (Final Judging)

9 CHALLENGE TRACKS

ROBOTICS + AI IN EVERY TRACK

01

AUTONOMOUS CAMPUS

02

DISASTER RESPONSE

03

SMART LOGISTICS

04

SMART AGRICULTURE

05

HEALTHCARE & ASSISTIVE

06

INDUSTRY 5.0

07

COMPUTER VISION

08

GENERATIVE AI & AGENTS

09

OPEN INNOVATION



REGISTER FOR THIS EVENT

For rules and guidelines, scan the QR code or visit the link below

go.kalamroboticsociety.com/hackathon

One form per event · pay at registration

FACULTY COORDINATOR

Dr. Chandan Choubey
Dr. Bidyut Mahato

STUDENT COORDINATOR

☎ Tanishaq: +91 9627332110
☎ Soumyadip: +91 8101167225



Robo Ideathon

IDENTIFY · IDEATE · DESIGN · PITCH

02

A problem-solving challenge, not a build competition. The problem is revealed in advance; teams research, design and pitch a robotics, electronics, AI or IoT solution. Physical hardware is optional, because the idea is what gets judged.

₹399

PER TEAM

5

MAX MEMBERS

PPT

PITCH FORMAT

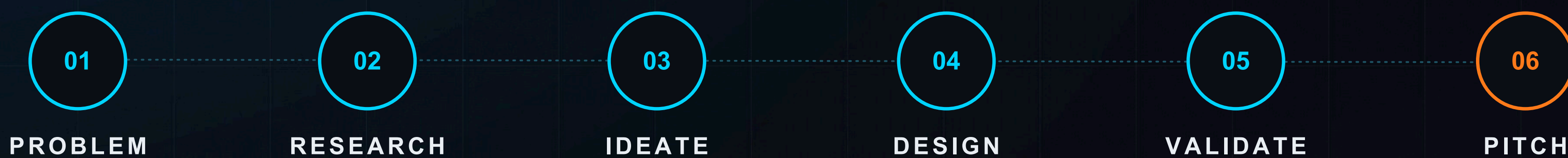
NO

HARDWARE REQUIRED

₹10,000

PRIZE POOL

HOW IT FLOWS



3 CHALLENGE THEMES

01

Robotics for Sustainable Living & Smart Infrastructure

Healthcare · Disaster Response · Agriculture · Waste · Environment · Energy



02

Robotics for Industry & Human Advancement

Automation · Logistics · Smart Cities



03

Open Innovation — Bring Any Idea to Life

Creativity · Innovation · Ideas · Solutions



“You don’t need the biggest robot. You need the smartest solution.”



REGISTER FOR THIS EVENT

For rules and guidelines, scan the QR code or visit the link below

go.kalamroboticsociety.com/ideathon

One form per event · pay at registration

FACULTY COORDINATOR

Dr. Damyanti Singh
Dr. Shalini Patel

STUDENT COORDINATOR

📞 Vaishnavi: +91 7827708636
📞 Vikas: +91 7069734678



Robo Race

SPEED · CONTROL · ADAPTABILITY

A remote-controlled race against the clock. Teams navigate a track built to test speed, control and adaptability, and the layout stays a secret until race day.

₹499

PER TEAM

30×25×20

MAX SIZE (CM)

5 KG

MAX WEIGHT

3

MAX MEMBERS

₹30,000

PRIZE POOL



TRACK REVEALED ON EVENT DAY

Design for adaptability, not for a known layout.

FORMAT & TIMING



QUALIFYING ROUNDS

Multiple qualifying rounds are held; the final round sets the ranking.



TIMED RUNS

The timer runs from the start signal to the finish point.



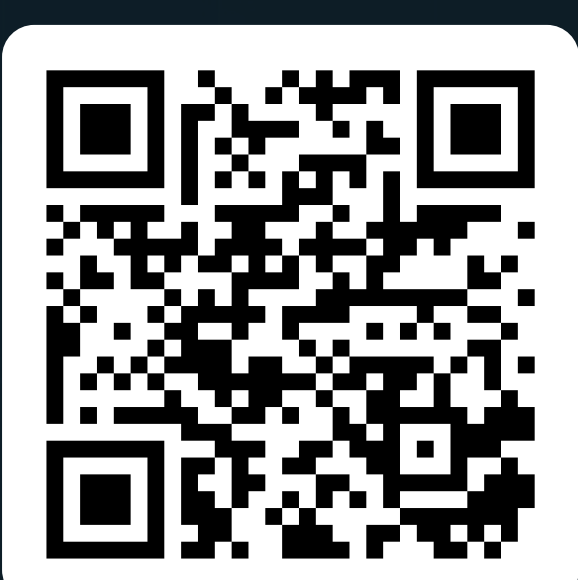
NO ASSISTANCE

No physical assistance is allowed once a run begins.



FINAL DECISIONS

Judges' decisions are final.



REGISTER FOR THIS EVENT

For rules and guidelines, scan the QR code or visit the link below

go.kalamroboticsociety.com/race

One form per event · pay at registration

FACULTY COORDINATOR

Dr. Abhishek Kumar
Mrs Priyanka Agrawal

STUDENT COORDINATOR

📞 Vedansh: +91 9818063430

📞 Priyanshu: +91 9580120442



Robo Soccer

CONTROL · STRATEGY · COMPETITIVE ROBOTICS

04

Two robots, one arena, one ball. Teams control, strategise and battle for goals in a fast, referee-run match, where mobility and mechanical design matter as much as strategy.

₹499

PER TEAM

3

MAX MEMBERS

30×30×20

MAX SIZE (CM)

5 KG

MAX WEIGHT

₹30,000

PRIZE POOL



ARENA REVEALED ON EVENT DAY

Build to spec, then adapt on the day.

GAMEPLAY



2 ROBOTS PER MATCH

The referee's signal starts play.



MOVE THE BALL

Push, kick or drag the ball. No deliberate damage to the other robot.



DESIGNATED OPERATOR

Only the designated operator may control the robot.



FINAL DECISIONS

Judges' decisions are final.



REGISTER FOR THIS EVENT

Scan the QR code or visit the link below.

go.kalamroboticsociety.com/soccer

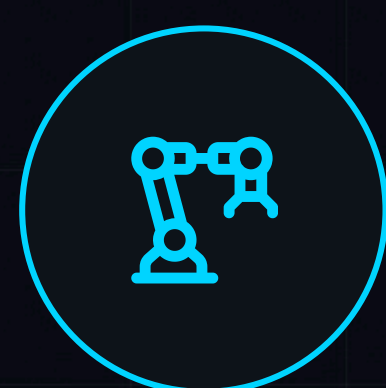
One form per event · pay at registration

FACULTY COORDINATOR

Mrs Kshama Pandey
Mr Awadhesh Kumar Maurya

STUDENT COORDINATOR

☎ Priyanshu: +91 9580120442
☎ Disha: +91 9999971029



Robo Expo

INNOVATION · ENGINEERING · DEMONSTRATION

A showcase for working robotics, AI, IoT and automation projects, judged on innovation, engineering depth and a real demonstration, not just a pitch.

₹499

PER TEAM

4

MAX MEMBERS

100

JUDGING POINTS

3

JUDGING ROUNDS

₹30,000

PRIZE POOL

JUDGING FLOW



ELIGIBLE PROJECT AREAS

ROBOTICS & AUTONOMOUS

IOT & SMART SYSTEMS

AI + COMPUTER VISION

EMBEDDED & AUTOMATION

ASSISTIVE TECH

INDUSTRIAL PROTOTYPES

SMART AGRICULTURE

OPEN / OTHER

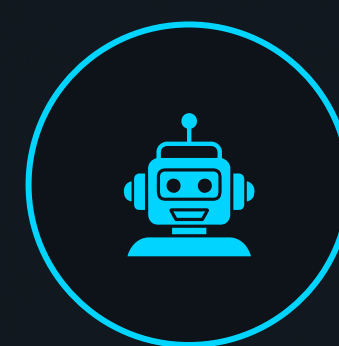
WHAT'S JUDGED



INNOVATION



TECHNICAL COMPLEXITY

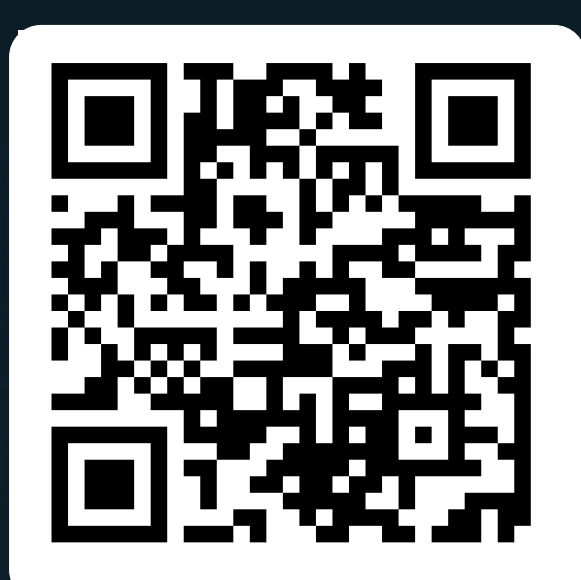


WORKING DEMO



REAL-WORLD RELEVANCE

100-POINT RUBRIC



REGISTER FOR THIS EVENT

Scan the QR code or visit the link below.

go.kalamroboticsociety.com/expo

One form per event · pay at registration

FACULTY COORDINATOR

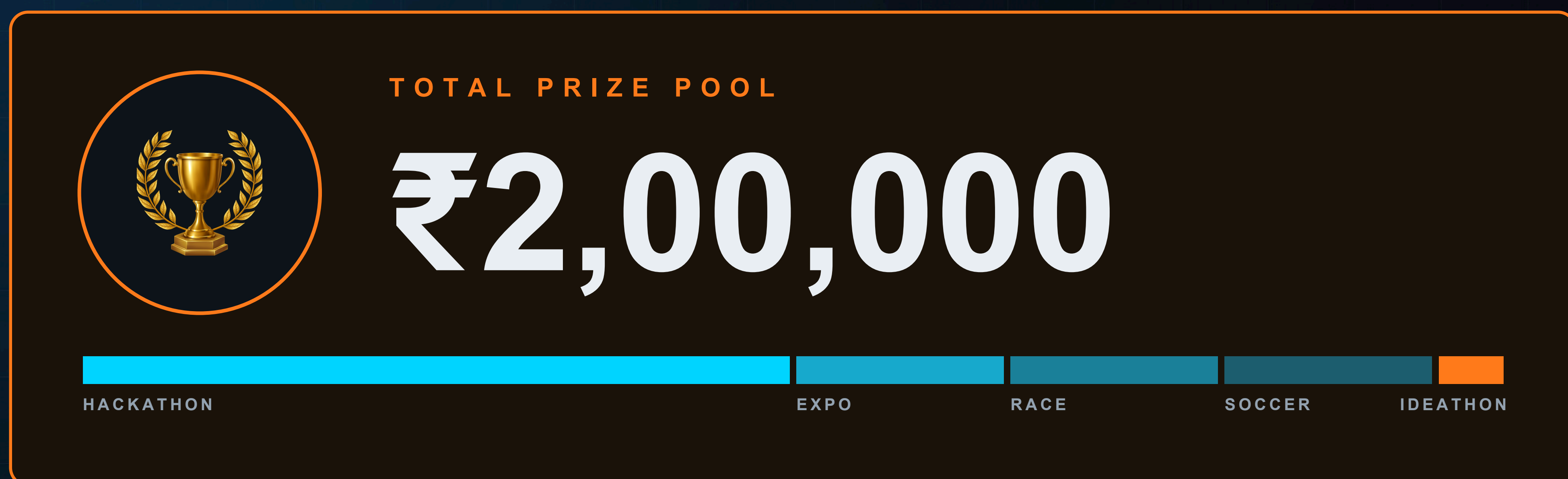
Dr. Achyut Sharma
Dr. Sonal Yadav

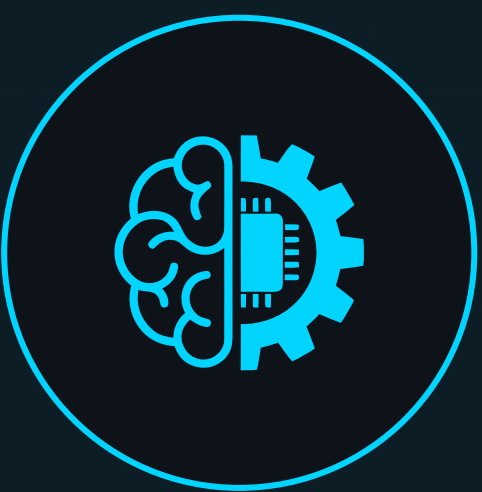
STUDENT COORDINATOR

☎ Manas: +91 7753844979
☎ Samridhi: +91 8887948335

Compete for ₹2,00,000.

Five events, one combined prize pool. All registration fees are per team.





EVENT 01 · BIGGEST PRIZE POOL

Robotics & AI Hackathon

Registration fee ₹749 per team

PRIZE POOL

₹1,00,000



EVENT 02

Robo Expo

PRIZE POOL

₹30,000

REGISTRATION FEE

₹499

per team



EVENT 03

Robo Race

PRIZE POOL

₹30,000

REGISTRATION FEE

₹499

per team



EVENT 04

Robo Soccer

PRIZE POOL

₹30,000

REGISTRATION FEE

₹499

per team



EVENT 05

Robo Ideathon

PRIZE POOL

₹10,000

REGISTRATION FEE

₹399

per team

Judges' and referees' decisions are final across all five events.

How you're judged. How to enter.

HOW EACH EVENT IS JUDGED



ROBOTICS & AI HACKATHON

The panel judges the working prototype, technical depth and the final demo.



ROBO IDEATHON

Judged on idea clarity, feasibility and the pitch itself.



ROBO RACE

Purely on time: the fastest clean run through the track wins.



ROBO SOCCER

Match results across multiple referee-officiated rounds.



ROBO EXPO

100-point rubric: innovation, technical depth, working demo and relevance.



Judges' and referees' decisions are final across all five events. Full judging rubrics are shared with shortlisted teams and are available at each event's registration link.

HOW TO REGISTER

01



Choose your event

Five events, one form for each.

02



Fill in the form

One registration form per event.

03



Pay at registration

Fees are charged per team.



AURIX INFO HUB

All events, rules and updates in one place.

go.kalamroboticsociety.com/aurix

Event registration links are listed on each event page.

Get in touch. Find us.

CONTACT

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+91 7348221406

Noman Shakil

Technical Head, Kalam Robotics Society

+91 7209057094

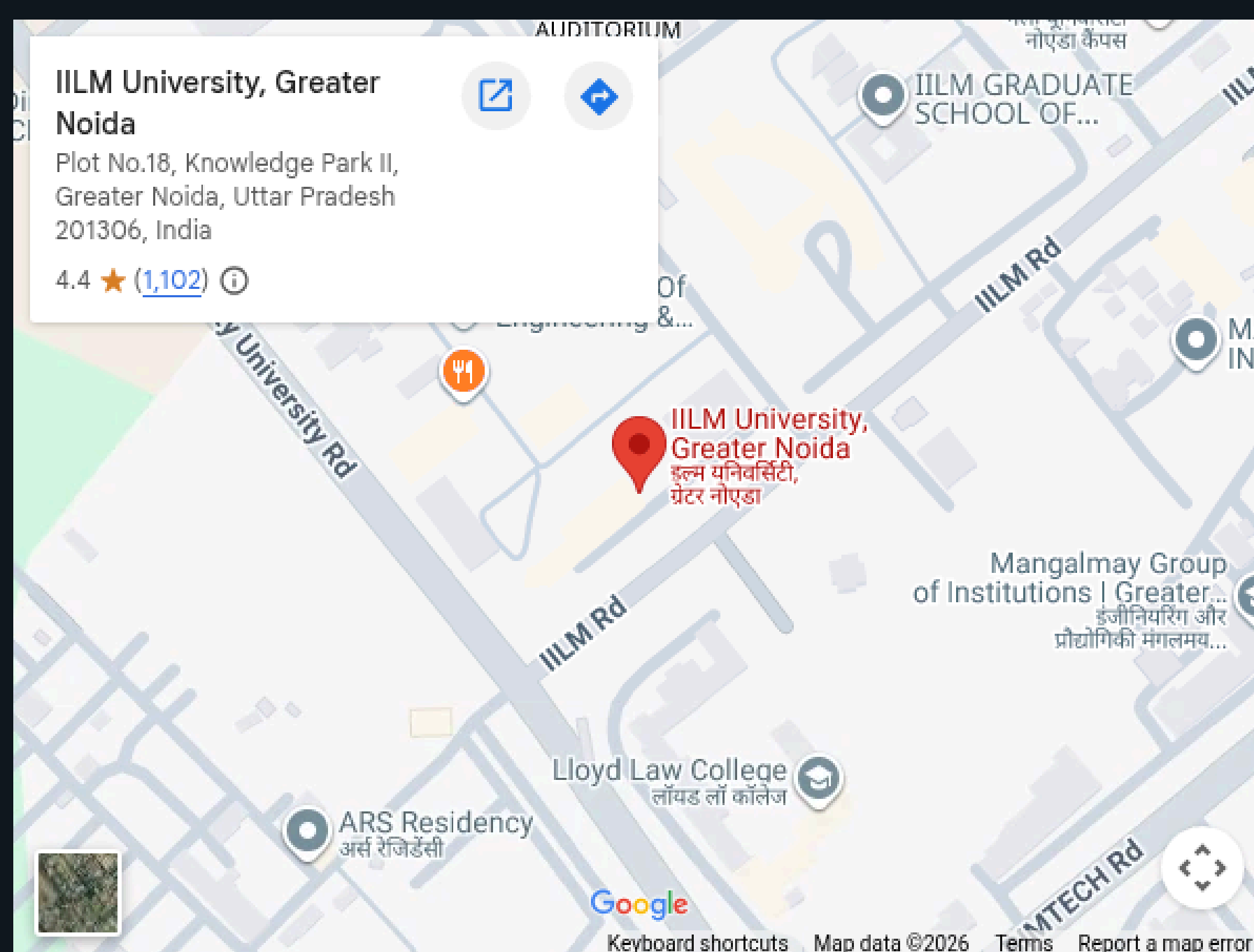
FOLLOW & STAY UPDATED

@aurix_iilm

kalamrobotics@iilm.edu

kalamroboticssociety.com/aurix

VENUE



Scan the QR code for directions

IILM University, Greater Noida

Plot No. 16–18, Knowledge Park II, Greater Noida, Uttar Pradesh – 201306

GETTING THERE



BY ROAD

Navigate to IILM University, Knowledge Park II, Greater Noida



BY METRO

Knowledge Park II Metro Station (Aqua Line)



BY BUS

Buses and local transport are available towards Knowledge Park II and Pari Chowk



Parking and entry instructions will be shared closer to the event.

People Behind AURIX 2026

FACULTY COORDINATORS

Mrs Kshama Pandey

Associate Professor, Department of Electrical & Electronics Engineering

Dr. Garima Kulshrehstha

Associate Professor, Department of Electrical & Electronics Engineering

Dr. Chandan Choubey

Associate Professor, Department of Electrical & Electronics Engineering

Dr. Akhilesh K Mishra

Associate Professor, Department of Electrical & Electronics Engineering

Dr. Sapna Chaudhary

Assistant Professor, Department of Electrical & Electronics Engineering

Dr. Abhishek Kumar

Assistant Professor, Department of Mechanical & Allied Engineering

Dr. Damyanti Singh

Assistant Professor, Department of Electrical & Electronics Engineering

Dr. Achyut Sharma

Assistant Professor, Department of Electrical & Electronics Engineering

Dr. Sonal Yadav

Assistant Professor, Department of Electrical & Electronics Engineering

Awadhesh Kumar Maurya

Assistant Professor, Department of Electrical & Electronics Engineering

Dr. Rekha Agrawal

Assistant Professor, Department of Electrical & Electronics Engineering

Dr. Shalini Patel

Assistant Professor, Department of Electrical & Electronics Engineering

Dr. Bidyut Mahato

Assistant Professor, Department of Electrical & Electronics Engineering

Mrs Priyanka Agrawal

Assistant Professor, Department of Electrical & Electronics Engineering

STUDENT ORGANISING COMMITTEE



Zafar Aqeel Khan

Chief Student Advisor
KALAM ROBOTICS SOCIETY



Anshika Tiwari

Chief Student Advisor
KALAM ROBOTICS SOCIETY



Yash Bansal

President
KALAM ROBOTICS SOCIETY



Tanya Kumari

Vice-President
KALAM ROBOTICS SOCIETY



Inzamamul H. Ansari

Treasurer
KALAM ROBOTICS SOCIETY



Shobhit Singh

General Secretary
KALAM ROBOTICS SOCIETY



Krishna Garg

Overall Event Head
KALAM ROBOTICS SOCIETY



Noman Shakil

Technical Head
KALAM ROBOTICS SOCIETY



Shudhanshu Sharma

Overall Coordinator
KALAM ROBOTICS SOCIETY



Diksha Patel

Joint Secretary
KALAM ROBOTICS SOCIETY



Pragati

Social Media Head
KALAM ROBOTICS SOCIETY



Priyanshu

Mechanical Head
KALAM ROBOTICS SOCIETY



Tanishaq

Software Lead
KALAM ROBOTICS SOCIETY



Ayan Hassan

PR & Outreach Lead
KALAM ROBOTICS SOCIETY



Shradhey Upadhyay

Sponsorship Lead
KALAM ROBOTICS SOCIETY



SEE YOU ON

27–28 OCTOBER 2026

IILM UNIVERSITY, GREATER NOIDA

kalamroboticssociety.com



X

