



ASSAM ENGINEERING COLLEGE
GUWAHATI (ASSAM)



INDIAN SOCIETY FOR TECHNICAL EDUCATION

ASSAM ENGINEERING COLLEGE STUDENTS CHAPTER

ANNUAL TECH FEST UNDER ISTE AEC CHAPTER



TECH AXOM 2026

EVENT RULEBOOK

 ASSAM ENGINEERING COLLEGE

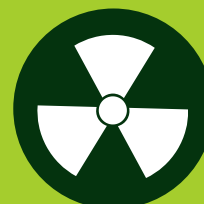
 2ND APRIL 2026

 12 PM

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ASSAM ENGINEERING COLLEGE
GUWAHATI (ASSAM)



ROBO SUMO[®]

LAST ROBO STANDING



ROBOT FACEOFF
COMPETITION

CASH PRIZE POOL OF
₹100000

 **ASSAM ENGINEERING COLLEGE**

 **2ND APRIL 2026**

 **12 PM**

JOINING FEES :
ISTE members ₹249 per team
Others: ₹299 per team
TEAM TYPE :
Maximum 3 members



REGISTER NOW



TECH AXOM



ASSAM ENGINEERING COLLEGE
GUWAHATI (ASSAM)



ROBO SUMO[®]

LAST ROBO STANDING

OBJECTIVE

LFR challenges you to design an autonomous robot that navigates its path with accuracy and efficiency.

WHO CAN ATTEND

Students from various institutions (Any branch, any year)

PRIZES AND CERTIFICATES

Winner: Rs. 6000+ Champion's trophy + Certificate
1st Runner-Up Rs. 4000 + Runner's up trophy + Certificate

FEE

Rs. 249/- for ISTE members (Per team)
Rs. 299/- for non-members (Per team)

TEAM SPECIFICATIONS

- Team of maximum 2 participants.
- Cross-institute teams allowed.
- Every team must have a name which must be unique.
- Organizers reserve the right to reject entries from any team whose name it deem inappropriate, offensive, or conflicting.



REGISTER NOW

LINE FOLLOWING ROBOT
COMPETITION



TECH AXOM



ASSAM ENGINEERING COLLEGE
GUWAHATI (ASSAM)



ROBO SUMO[®]

LAST ROBO STANDING

CRITERIA FOR TRIUMPH

- A robot is declared victorious if its opponent is immobilised.
- A robot will be declared immobile if it cannot display linear motion of at least one inch in a timed period of 30 seconds. A bot with one side of its drive train disabled will not be counted out if it can demonstrate some degree of controlled movement.
- A robot is declared victorious in a round if he can push out more than 50% of the opponent's robot out of the arena.
- A robot is declared victorious in a round if he can push out more than 50% of the opponent's robot out of the arena.

BOT SPECIFICATION

- Bot Dimensions: 30cm x 30cm x 30cm
- Weight: 8kg | Bots which does not satisfy the weight criterion will be disqualified.
- Tolerance: 10%
- Use of LEGO kits or ready-made basis will lead to disqualification.
- All robots must have easily visible and controlled mobility in order to compete. Robots operating on pneumatic or hydraulic mechanisms are not allowed.
- Robots using fire or flame throwers are not allowed.
- Robots with jumping and hopping mechanisms are not allowed.
- The use of IC engines is not allowed. Flying (using airfoil, helium balloons, ornithopters, etc.) is not allowed.



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GUWAHATI (ASSAM)



ROBO SUMO[®]

LAST ROBO STANDING

BOT SPECIFICATION

- The robots cannot have any kind of active weapons eg. Cutters, drums, lifters etc. The robot can be wired or wireless.
- The length of the wire should be more than 3 meters.
- The robot must be powered electrically. Use of an IC engine in any form is not allowed. Onboard batteries must be sealed, immobilized-electrolyte types (such as gel cells, lithium, NiCad, NiMH, or dry cells).
- The use of damaged, non-leak-proof batteries may lead to disqualification. Special care should be taken to protect onboard batteries. If the judges find that the battery is insufficiently protected, the team will be disqualified immediately. The teams are suggested to have at least one extra battery ready and charged up during competition so that on advancing to the next level, they won't have to wait or suffer due to an uncharged battery.

ARENA SPECIFICATION

Dimension-The arena is a circle of radius 1.5 meters.

TEAM REPRESENTATIVE

Each team must specify their team representative. (leader) at the time of registration. All-important communications between organizers and the registered teams will be done through their team representatives. The team representative must give their valid contact details at the time of registration



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ROBOT FACEOFF
COMPETITION



TECH AXOM



ASSAM ENGINEERING COLLEGE
GUWAHATI (ASSAM)



LEFR[®]

LINE FOLLOWING ROBOT



LINE FOLLOWING ROBOT
COMPETITION

CASH PRIZE POOL OF
₹ 70000



ASSAM ENGINEERING COLLEGE



2ND APRIL 2026



12 PM

JOINING FEES :

ISTE members ₹249 per team

Others: ₹299 per team

TEAM TYPE :

Maximum 3 members



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TECH AXOM



ASSAM ENGINEERING COLLEGE
GUWAHATI (ASSAM)



LFFR[®]

LINE FOLLOWING ROBOT

OBJECTIVE

LFR challenges you to design an autonomous robot that navigates its path with accuracy and efficiency.

WHO CAN ATTEND

Students from various institutions (Any branch, any year)

PRIZES AND CERTIFICATES

Winner: Rs. 4000+ Champion's trophy + Certificate
1st Runner-Up Rs. 3000 + Runner's up trophy + Certificate

FEE

Rs. 249/- for ISTE members (Per team)
Rs. 299/- for non-members (Per team)

TEAM SPECIFICATIONS

- Team of maximum 2 participants.
- Cross-institute teams allowed.
- Every team must have a name which must be unique.
- Organizers reserve the right to reject entries from any team whose name it deem inappropriate, offensive, or conflicting.



REGISTER NOW

LINE FOLLOWING ROBOT
COMPETITION



TECH AXOM



ASSAM ENGINEERING COLLEGE
GUWAHATI (ASSAM)



LFFR[®]

LINE FOLLOWING ROBOT

OBJECTIVE

- The robot participating in the event must be autonomous.
- Lego kits are strictly prohibited. The robot must not be made from any ready-made kit, if found so, the team will be disqualified.
- The Robot must be non-destructive and non-harmful to humans and the track.
- Participants must arrange their own batteries.
- The use of IC engines or compressors is not allowed. All vehicles must depend only on electric motors for their motion and control.
- The Robot must not emit smoke or fire, leak, stain, or soil.
- Robots must have sensors onboard to sense the black line marked on the arena.
- The power source must be on board.

DIMENSIONS

- Width-Not more than 30 centimeters
- Length-Not more than 30 centimeters.
- Height Not more than 30 centimeters.
- Maximum weight must not exceed 2 kg (However a tolerance of 5% is acceptable)

POWER SOURCE

- Only Electrically powered Robots are allowed in the event.
- Batteries must be sealed, immobilized electrolyte type (gel cell, lithium, NiCad, or dry cells).
- The electric voltage anywhere in the machine should not be more.



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LINE FOLLOWING ROBOT
COMPETITION



TECH AXOM



ASSAM ENGINEERING COLLEGE
GUWAHATI (ASSAM)



TechXplore[®]

THINK FAST, TECH FASTER

TECH QUIZ
COMPETITION



CASH PRIZE POOL OF
₹ 7000



 **ASSAM ENGINEERING COLLEGE**

JOINING FEES :

ISTE- Lone Wolf/Team : ₹49/₹99

Others- Lone Wolf/Team: ₹79/₹149



2ND APRIL 2026



12 PM

TEAM TYPE :

Maximum 2 members



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TECH AXOM



ASSAM ENGINEERING COLLEGE
GUWAHATI (ASSAM)



TechXplore[®]

THINK FAST , TECH FASTER

OBJECTIVE

TechXplore invites curious minds to take an exciting challenge of questions testing your analytical thinking.

WHO CAN ATTEND?

Students from various institutions (Any branch, any year).

PRIZES AND CERTIFICATES

First Prize: ₹3,500 + Champion's Trophy + Certificate of Excellence

Second Prize: ₹2000 + Runner-up Trophy + Certificate of Excellence

Third Prize: ₹1,500+ Certificate of Excellence

FEE

- **For ISTE Members:**
Lone Wolf: ₹49
Team : ₹99
- **For others:**
Lone Wolf: ₹79
Team : ₹149



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TECH AXOM



ASSAM ENGINEERING COLLEGE
GUWAHATI (ASSAM)



TechXplore[®]

THINK FAST , TECH FASTER

RULES AND GUIDELINES

- The quiz is open to all participants.
- Each team can consist a maximum of two members.
- Cross Teams are allowed. Individual participants (Lone wolves) are allowed.
- The competition will have a pre-screening (Prelims) round, followed by the mains quiz.
- Six teams (or individuals) will qualify from the preliminary round.
- The quiz master's decision will be final and binding



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TECH AXOM

TECH QUIZ
COMPETITION



ASSAM ENGINEERING COLLEGE
GUWAHATI (ASSAM)



HALL OF FRAME[®]

EVERY FRAME TELLS A TALE



PHOTOGRAPHY
COMPETITION

EXIBHITION



ASSAM ENGINEERING COLLEGE



2ND APRIL 2026



12 PM

JOINING FEES : FREE
TEAM TYPE : INDIVIDUAL
MODE : ONLINE
EACH PERSON MUST
SUBMIT 5 PHOTOS



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TECH AXOM



ASSAM ENGINEERING COLLEGE
GUWAHATI (ASSAM)



HALL OF FRAME[®]

EVERY FRAME TELLS A TALE

OBJECTIVES

Hall of Frame provides a space to tell stories through photography, capturing emotions and moments to be cherished.

WHO CAN ATTEND?

Students from various institutions (Any branch, any year)

RULES AND GUIDELINES

- Participants must submit atleast 3 and not more than 5 original photographs for the contest.
- Photographs shot on DSLRs, Mobile phones, or any other devices are accepted.
- Entries must be of high quality. (JPEG, PNG, TIFF, RAW, DNG format accepted)
- Participants must provide a story behind the photographs taken.
- Photos must not be altered or edited significantly. (No adding, removing, or distorting elements). AI-generated or modified photos will be disqualified. Entries containing obscene, violent, racist, or defamatory content will be disqualified.
- The decision of the judges and organizers are final and binding.



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PHOTOGRAPHY
COMPETITION



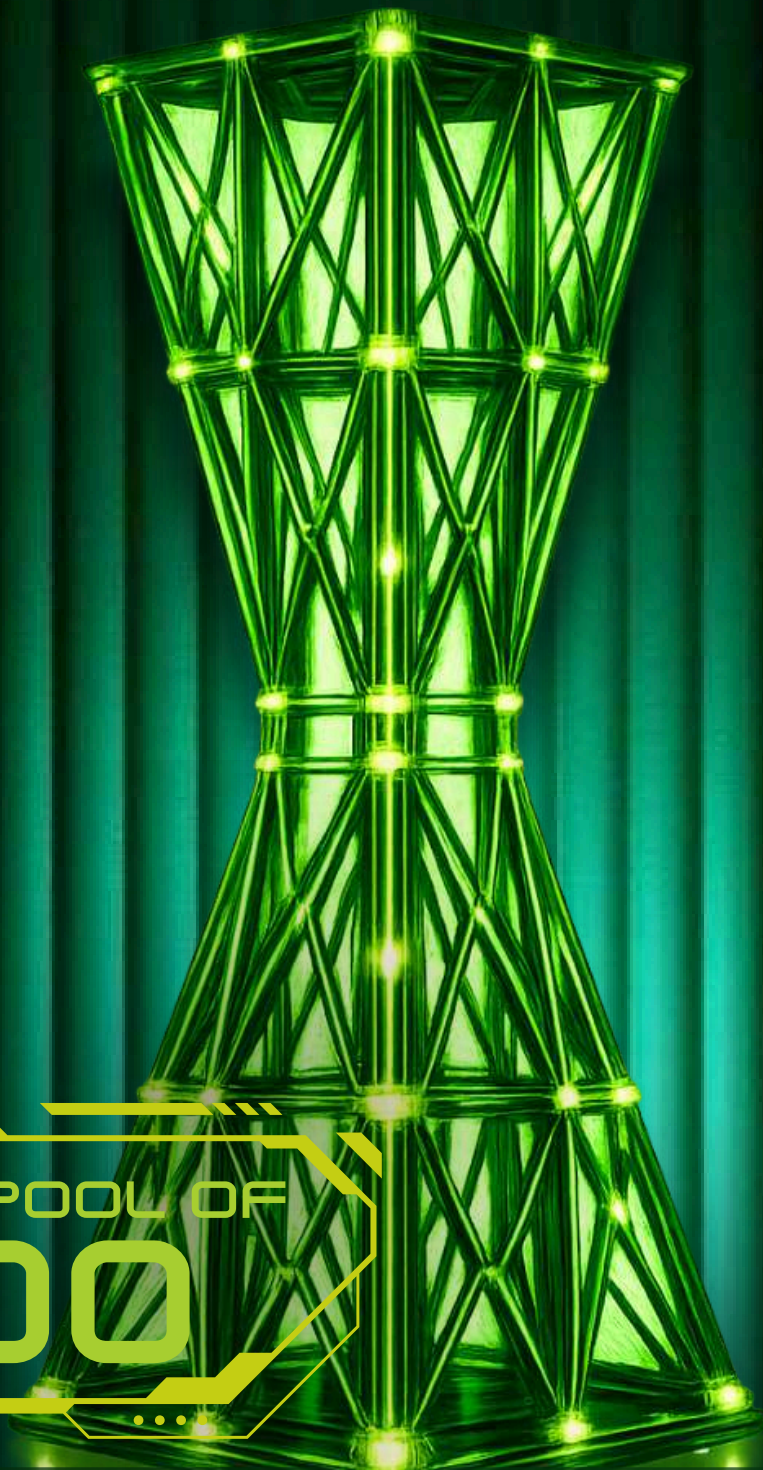
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ASSAM ENGINEERING COLLEGE
GUWAHATI (ASSAM)



SEISMIC TOWER[®]



SEISMIC TOWER
SHOWDOWN

CASH PRIZE POOL OF
₹5000

ASSAM ENGINEERING COLLEGE

JOINING FEES :

ISTE Members: ₹149 per team

Others: ₹199 per team

2ND APRIL 2026

12 PM

TEAM TYPE : INDIVIDUAL



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TECH AXOM



ASSAM ENGINEERING COLLEGE
GUWAHATI (ASSAM)



SEISMIC TOWER[®]

OBJECTIVE

To test your engineering skills as you design and construct seismic-resistant towers capable of withstanding tremors.

WHO CAN ATTEND?

- Students from various institutions (Any branch, any year)
- Teams must consist of 2 participants.

PRIZES AND CERTIFICATES

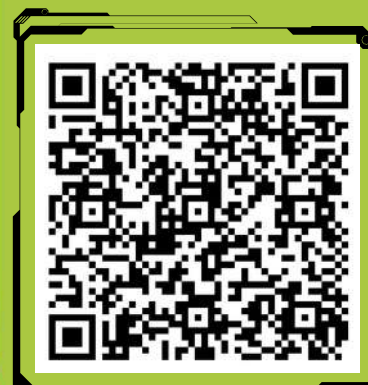
- **First Prize:** ₹2,500 + Champion's Trophy + Certificate of Excellence
- **Second Prize:** ₹1,500 + Runner-up Trophy + Certificate of Excellence
- **Third Prize:** ₹1,000+ Certificate of Excellence

FEE

- **For ISTE Members:** ₹149 per team
- **For others:** ₹199 per team

RULES AND GUIDELINES

- Towers must be constructed solely from toothpicks and glue.
- Towers must be free-standing and must not be attached to any external support structures.
- The use of additional materials like tapes, wires, or any non-toothpick material strictly prohibited.



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TECH AXOM

SEISMIC TOWER
SHOWDOWN



ASSAM ENGINEERING COLLEGE
GUWAHATI (ASSAM)



SEISMIC[®] TOWER

MATERIALS

- Participants are allowed to use provided toothpicks and glue only.
- Toothpicks and glues will be limited and no more materials will be provided. A base will be provided for the construction of the tower.

DIMENSIONS

- The maximum base dimensions should be 200mm x 200mm.
- The height of the tower from the base should be a minimum of 300mm.
- Towers can be of any shape and height as long as they meet the construction guidelines.
- Any violation of the dimensions provided will lead to immediate disqualification.

SEISMIC SIMULATION

- The seismic simulation will be conducted using a designated shake table.
- The shake table will generate controlled seismic waves with constant intensity.
- The tower's ability to withstand the seismic waves will be tested by gradually increasing the static loads with weight plates

TESTING PROCEDURE

- Towers will be tested in a group of 4 at a time on the shake table.
- Each tower will undergo multiple rounds of seismic simulation with increasing loads.
- The tower's height, stability, and ability to remain standing during the simulation will be evaluated.



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TECH AXOM

SEISMIC TOWER
SHOWDOWN



ASSAM ENGINEERING COLLEGE
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SEISMIC TOWER[®]

SCORING

- Towers will be scored based on their height, stability, and ability to withstand seismic activity.
- Taller towers that remain stable throughout the seismic simulation will receive higher scores.
- Towers that collapse or show signs of instability during the simulation will receive lower scores.

JUDGING

- Judging will be conducted as appointed by the organizers.
- Judges' decisions are the final and binding.

DISQUALIFICATION

- Towers that do not comply with the construction guidelines or fail to meet safety standards may be disqualified.
- Participants found violating the rules or engaging in misconduct may be disqualified from the contest.

RULE MODIFICATIONS

The organizers reserve the right to modify the rules and regulations of the contest at any time for the fair and smooth conduct of the event.



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TECH AXOM

SEISMIC TOWER
SHOWDOWN



ASSAM ENGINEERING COLLEGE
GUWAHATI (ASSAM)



PRAKRITI SANSAD[®]

LEGISLATING INDIA'S ECOLOGICAL FUTURE



ECOLOGICAL
YOUTH PARLIAMENT

CASH PRIZE POOL OF
₹ 7000

 **ASSAM ENGINEERING COLLEGE**

 **2ND APRIL 2026**

 **12 PM**

JOINING FEES :

For ISTE Members: ₹200

For Others: ₹250

TEAM TYPE : INDIVIDUAL



REGISTER NOW



TECH AXOM



ASSAM ENGINEERING COLLEGE
GUWAHATI (ASSAM)



PRAKRITI SANSAD[®]

LEGISLATING INDIA'S ECOLOGICAL FUTURE

OBJECTIVE

To simulate parliamentary proceedings and encourage constructive debate and policymaking on environmental and sustainability issues

WHO CAN ATTEND?

- Students from various institutions (Any branch, any year)
- Team Type : INDIVIDUAL

PRIZE:

- **First Prize:** ₹4,000 + Champion's Trophy + Certificate of Excellence
- **Second Prize:** ₹3,000 + Runner-up Trophy + Certificate of Excellence
- **Special Mention** (For the Most Innovative and Impactful Argument): Trophy + Certificate of Excellence

FEE:

- For ISTE Members: ₹200
- For others: ₹250

HOUSE:

Lok Sabha



REGISTER NOW



TECH AXOM



ASSAM ENGINEERING COLLEGE
GUWAHATI (ASSAM)



PRAKRITI SANSAD[®]

LEGISLATING INDIA'S ECOLOGICAL FUTURE

AGENDA

Discussion on Balancing Infrastructure Development and Environmental Conservation in India.

STRUCTURE OF THE SESSION:

The session shall proceed in the following order:

1. Introduction of the Bill
2. Opposition Response
3. Alternating Debate (Treasury and Opposition Members)
4. Questioning Round
5. Amendment Round
6. Closing Statements
7. Voting
8. Adjournment of the House

GENERAL RULES:

- All participants must maintain parliamentary decorum throughout the session.
- Participants must address the Chair before speaking.
- Speakers must address the House, not individual participants.
- The use of unparliamentary language is strictly prohibited.
- Participants must remain respectful toward all viewpoints.
- The decision of the Chair/Speaker will be final.



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ASSAM ENGINEERING COLLEGE
GUWAHATI (ASSAM)



PRAKRITI SANSAD[®]

LEGISLATING INDIA'S ECOLOGICAL FUTURE

RECOGNITION TO SPEAK

- A participant may speak only after being recognised by the Chair.
- Participants must raise their placard/hand to be recognised.
- Speaking time limits must be strictly followed.

DEBATE RULES

- The debate will follow the agenda and structure provided.
- Speakers will speak for or against the motion/bill.
- The Chair may allow questions after a speech.
- All remarks must be relevant to the agenda.

VOTING

- Voting will take place at the end of the debate.
- Each participant will have one vote.
- The decision will be based on majority vote.
- In case of a tie, the Chair may cast the deciding vote.

DRESS CODE

Participants are encouraged to wear formal or traditional attire to maintain the dignity of the House.



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LEGISLATING INDIA'S ECOLOGICAL FUTURE

PORTFOLIO ALLOCATION

The allotment of portfolios will be based on participant preference and availability, and will be at the discretion of the Organising Committee.

PROHIBITED ACTIONS

- Interrupting a speaker without permission.
- Use of mobile phones during the session.
- Personal attacks or offensive remarks.
- Any form of disorderly conduct.

AUTHORITY OF THE CHAIR

The Chair has the authority to:

- Call a speaker to order
- Cut short a speech if time exceeds
- Disallow irrelevant points
- Maintain order in the House
- Suspend a participant for misconduct (if necessary)



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GUWAHATI (ASSAM)



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LEGISLATING INDIA'S ECOLOGICAL FUTURE

TIME STRUCTURE

SEGMENT	TIME
OPENING	5 MIN
BILL INTRODUCTION	4 MIN
OPPOSITION RESPONSE	40-50 MIN
ALTERNATING DEBATE	20 MIN
QUESTION ROUND	20 MIN
AMENDMENT ROUND	10 MIN
CLOSING STATEMENTS	10 MIN
VOTING	10 MIN



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ECOLOGICAL
YOUTH PARLIAMENT



TECH AXOM



ASSAM ENGINEERING COLLEGE
GUWAHATI (ASSAM)



IDEATHON[®]

SPARK INNOVATION

ROBOT FACEOFF
COMPETITION



CASH PRIZE POOL OF
₹ 6000

 **ASSAM ENGINEERING COLLEGE**

JOINING FEES :

ISTE- Lone Wolf/Team : ₹129/₹149
Others- Lone Wolf/Team: ₹149/₹179



2ND APRIL 2026



12 PM

TEAM TYPE :

Maximum 3 members



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TECH AXOM



ASSAM ENGINEERING COLLEGE
GUWAHATI (ASSAM)



IDEATHON[®]

SPARK INNOVATION

OBJECTIVE

To test your ability to brainstorm, innovate, and pitch a feasible solution within a limited time.

WHO CAN ATTEND?

- Students from various institutions (Any branch, any year)
- Individual or team participation (Max 3 members per team)

PRIZES AND CERTIFICATES

First Prize: ₹3,000 + Champion's Trophy + Certificate of Excellence

Second Prize: ₹2000 + Runner-up Trophy + Certificate of Excellence

Third Prize: ₹1,000+ Certificate of Excellence

FEE

- For ISTE members:
Lone wolf- Rs 129
Team- Rs 149
- Others:
Lone wolf -Rs 149
Team- Rs 179



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ROBOT FACEOFF
COMPETITION



TECH AXOM



ASSAM ENGINEERING COLLEGE
GUWAHATI (ASSAM)



IDEATHON[®]

SPARK INNOVATION

PITCHING FORMAT

- 10 minutes pitch + (3 - 5) minutes Q&A
- PPT mandatory (PDF backup recommended)
- Strict time adherence required

SCREENING PROCESS

- Ideas evaluated on:
 1. Innovation
 2. Feasibility
 3. Scalability
 4. Problem-solving potential
- Top 30 teams shortlisted for final round

JUDGING CRITERIA

- Problem clarity
 - Solution strength
 - Market & revenue understanding
 - Execution plan
 - Presentation & confidence
- Judges' decisions are final

CODE OF CONDUCT

- Professional behaviour mandatory
- Plagiarism leads to disqualification
- No unethical or offensive content allowed

ORGANIZER RIGHTS

- The organising committee reserves the right to modify event structure if required
- All decisions by the organizing committee are final



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ROBOT FACEOFF
COMPETITION



TECH AXOM



ASSAM ENGINEERING COLLEGE
GUWAHATI (ASSAM)



drone rush[®]

fly beyond limits



DRONE FLYING
COMPETITION

CASH PRIZE POOL OF
₹5000

 **ASSAM ENGINEERING COLLEGE**

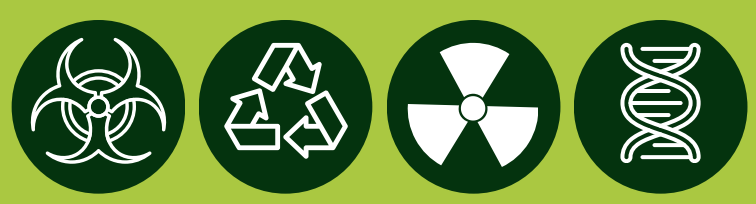
 **2ND APRIL 2026**

 **12 PM**

JOINING FEES :
ISTE- Lone Wolf/Team : ₹129/₹149
Others- Lone Wolf/Team: ₹149/₹179
TEAM TYPE :
Maximum 2 members



REGISTER NOW



TECH AXOM



ASSAM ENGINEERING COLLEGE
GUWAHATI (ASSAM)



drone rush[®]

fly beyond limits

OBJECTIVE

To test the piloting skills, control, and precision of participants by navigating a drone through an obstacle course and checkpoints in the shortest possible time.

WHO CAN ATTEND?

- Students from various institutions (Any branch, any year)
- Maximum 2 participants allowed in a team

PRIZE

- First Prize: ₹2,500 + Champion's Trophy + Certificate of Excellence
- Second Prize: ₹1,500 + Runner-up Trophy + Certificate of Excellence
- Third Prize: ₹1,000 + Certificate of Excellence

PRIZE

- For ISTE Members
 - Lone Wolf: ₹129
 - Team : ₹149
- For Others:
 - Lone Wolf: ₹129
 - Team : ₹149



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GUWAHATI (ASSAM)



drone rush[®]

fly beyond limits

RULES AND GUIDELINES

- A built drone kit will be provided by the organisers. Personal drones are not allowed.
- The drone must be operated only by the designated pilot.
- Participants must complete the obstacle course and pass all checkpoints.
- Skipping obstacles or checkpoints will result in penalties.
- Reckless flying or unsafe behavior will lead to disqualification.
- Only organisers are allowed to handle the drone in case of crashes or technical issues.
- The decision of judges will be final.

PROCEDURE

- Participants must report on time for briefing.
- The obstacle course and rules will be explained before the event.
- Each team will get two trials, and the best time will be considered.
- Time starts at take-off and ends after the final landing.
- In case of a crash, the participant must restart from the last checkpoint.
- The participant/team completing the course in the least time wins.



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DRONE FLYING
COMPETITION



TECH AXOM



ASSAM ENGINEERING COLLEGE
GUWAHATI (ASSAM)



drone rush[®]

fly beyond limits

JUDGING CRITERIA

- Judging will be based on:
- Completion time
- Successful completion of obstacles
- Checkpoint completion
- Control and stability of the drone
- penalties(if any)

PENALTIES

- Missing obstacle: Time penalty
- Missing checkpoint: Time penalty
- Crash: Time penalty
- Going out of track: Disqualification

WINNING CRITERIA

- The winner will be decided based on:
- Minimum completion time
- Successful completion of all obstacles and checkpoints
- Least penalties

ORGANISER RIGHTS

- Organisers reserve the right to change rules if necessary.
- Judges' decision will be final and binding.



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TECH AXOM

DRONE FLYING
COMPETITION