



# MINI SMART INDIA HACKATHON

**Mini SIH 2025**

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Official Rule Book

Organised by FarmAura | Presidency University, Bengaluru



3 Categories



4 Members/Team



24 Hour Finale



₹45,000 Prizes



## EVENT OVERVIEW

<b>Event Name</b>	Mini Smart India Hackathon (Mini SIH)
<b>Organizer</b>	FarmAura (SIH 2025 Grand Finalists)
<b>Event Type</b>	Hackathon
<b>Mode</b>	Hybrid — Online Screening + Offline Grand Finale
<b>Team Size</b>	4 Members (Minimum 1 Female Member Mandatory)
<b>Duration</b>	24-Hour Offline Grand Finale
<b>Venue</b>	To Be Announced
<b>Date</b>	6th April 2026, 11:00 AM — 7th April 2026, 11:00 AM

### Event Objective

Mini SIH is designed to closely simulate the structure, evaluation rigor, and competitive ecosystem of the national-level Smart India Hackathon at an institutional scale.

#### The Event Focuses On:

- Real-world problem solving
- Structured online screening
- Intensive 24-hour prototype development
- Jury-based evaluation and live demonstration

#### Problem Statements Sourced From:


- Official SIH repositories
- AI & Emerging Technology Summits
- National innovation-driven challenges



## PARTICIPATION CATEGORIES





Each category will have ONE winning team.

 Software Edition	 Hardware Edition	 Student Innovation
Innovative web, mobile, AI, blockchain, and software solutions.	Physical prototypes using IoT, robotics, and advanced mechanical design.	Open problem statements and blue-sky thinking for interdisciplinary challenges.
Prize: ₹15,000	Prize: ₹15,000	Prize: ₹15,000



## REGISTRATION DETAILS

Participant Type	Registration Fee
 <b>Presidency University Students</b> (Internal Teams)	<b>₹400</b> per team
 <b>External College Students</b> (Other Institutions)	<b>₹1,200</b> per team




## How to Register

- 1 Visit the Unstop platform (official InnovateX Hackathon). You will be redirected to the InnovateX webpage hosted by Presidency University, where all events are listed.
- 2 Locate and select “MINI-SIH” from the list of events. Click on the registration link — you will be redirected to the Payment Gateway. Complete the payment to receive your Official Rule Book.
- 3 After payment, you will receive the Official Rule Book with all event details. Open the Rule Book and click the “REGISTER NOW” button to access the Mini SIH Portal.
- 4 The Team Leader fills in all required team details on the Mini SIH Portal and submits the idea.
- 5 You will receive a confirmation on your registered email ID upon successful idea submission.



**REGISTRATION FLOW: Unstop / InnovateX Webpage → Select MINI-SIH → Payment Gateway (₹400 Internal / ₹1,200 External) →**

Receive Official Rule Book → Click “REGISTER NOW” in Rule Book → Fill Team Details on Mini SIH Portal → Submit Idea → Receive Confirmation

 All notifications, updates, and announcements will be posted on our website. Stay updated and check regularly!



 [Click here to Register — mini-sih-portal.vercel.app](https://mini-sih-portal.vercel.app)



## IDEA SUBMISSION PROCESS

The Team Leader is responsible for completing the idea submission on the Mini SIH portal. The following information must be verified and submitted:







1	Verify pre-entered Team Name
2	Verify pre-entered Names of Team Leader and all 5 team members
3	Verify pre-entered Gender of Team Leader and all 5 team members
4	Verify pre-entered Email IDs of all team members including the Team Leader
5	Verify pre-entered Mobile Numbers of all team members including the Team Leader
6	Chosen Problem Statement or Student Innovation Category

7	Idea Title
8	Idea Description
9	Idea Presentation (PDF format — mandatory upload)

**⚠ The Team Leader is solely responsible for the accuracy of all submitted details. Incorrect information may lead to disqualification.**

### **Idea Selection Criteria**

After submission, ideas will be evaluated by expert Jury members. Evaluation criteria include:


 <p><b>Novelty</b> Originality and freshness of the proposed idea</p>	 <p><b>Complexity</b> Technical depth and sophistication of the solution</p>	 <p><b>Clarity</b> Clear presentation and well-documented format</p>
 <p><b>Feasibility</b> Practical possibility of building the solution</p>	 <p><b>Practicability</b> Real-world applicability and ease of deployment</p>	 <p><b>Sustainability</b> Long-term viability and scalable impact</p>

## **SHORTLISTING & ANNOUNCEMENTS**





### **Grand Finale Shortlisting**

 <p><b>Software</b> Up to 15 Teams</p>	 <p><b>Hardware</b> Up to 15 Teams</p>	 <p><b>Student Innovation</b> Up to 15 Teams</p>
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Up to 45+5 Teams from overall hackathon category (Software, Hardware, Student Innovation) may be selected for the Grand Finale. However, final decisions will be based on jury discretion and quality of innovation. The jury is not obligated to select a full set of finalists unless proposals meet expectations.




** Shortlisting results will be announced on the Mini SIH portal AND sent directly to each team's registered email IDs. Stay updated on the website!**

## Grand Finale Details

 <b>Event Dates</b>	6th April 2026 (11:00 AM) — 7th April 2026 (11:00 AM)   24-Hour Hackathon
 <b>Venue</b>	Presidency University — Classroom / Campus (Offline)
 <b>External Teams</b>	External college teams are required to visit the Presidency University campus in person for the Grand Finale.
 <b>Mode</b>	Offline — All shortlisted teams must be physically present






## Preparation Phase — Stay Connected


After shortlisting, be available and stay updated on the website for meetings, sessions, and training during the preparation phase. You will be notified in advance about any sessions or events.

 <b>Check Website</b> All updates posted on the official portal	 <b>Monitor Email</b> Important notifications sent to registered email IDs	 <b>Stay Available</b> Attend mandatory sessions and preparation meetings
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## PROBLEM STATEMENT SOURCES

Mini SIH 2026 brings you problem statements from a wide variety of leading organizations and domains:

 <b>Public Organizations</b>	Ministries, government departments, and PSUs
 <b>Private Organizations</b>	Leading industry companies and startups
 <b>Union Ministries</b>	Central government bodies and policy initiatives
 <b>State Governments</b>	State-level administration and regional challenges
 <b>NGOs</b>	Non-governmental organizations and social impact bodies
 <b>AI Summits</b>	Recent AI & Emerging Technology Summit challenges
 <b>Industry Requirements</b>	Real-world current industry problems and needs
 <b>Academic Innovation</b>	Student Innovation open category — propose your own problem!

 Teams are encouraged to explore problem statements across all categories and select one that aligns with their passion, skillset, and technical strengths.









## DESIGN & TECHNICAL SPECIFICATIONS

### Solution Types

Software-based, Hardware-based, or Hybrid solutions are allowed.

 **A functional working prototype is MANDATORY for the offline finale. UI mockups without working implementation will NOT qualify as complete submissions.**

### Allowed Technology Stack

 AI / Machine Learning	 Blockchain
 Internet of Things (IoT)	 Cloud Computing
 Web / Mobile App Development	 Data Analytics
 Robotics	 AR / VR

### System Architecture Requirements

Every submission must include a clear architecture diagram showing:

- System components
- Data flow
- Integration structure
- Deployment model

### Scalability & Feasibility

Solutions must demonstrate:

- Real-world deployability
- Scalability potential
- Cost-effectiveness

## Data Privacy & Ethical Usage

If datasets are used in your project:

- Proper citation is mandatory
- Ethical AI practices must be followed
- Sensitive or proprietary data misuse is strictly prohibited

 **Originality: Software Projects must be developed DURING the hackathon lifecycle. Pre-built or externally developed projects are strictly prohibited.**

 **SDG Alignment (Recommended): Teams are encouraged to align solutions with relevant UN Sustainable Development Goals (SDGs).**



## GENERAL GUIDELINES

- ✓ Screening round will be conducted online.
- ✓ Only shortlisted teams will qualify for the offline 24-hour Grand Finale.
- ✓ Teams must consist of exactly 4 members, including at least 1 female participant.
- ✓ All final development must occur during the official hackathon duration.
- ✓ Participants must bring their own laptops and required peripherals.
- ✓ Internet connectivity and basic infrastructure will be provided at the venue.
- ✓ Open-source libraries and APIs are permitted but must be disclosed.
- ✓ Mentors may guide teams but must not directly contribute to implementation.
- ✓ All team members must remain present throughout the 8-hour finale.
- ✓ Participants must follow institutional discipline and event decorum.






## Safety Rules — Hardware Category



- No high-voltage systems are allowed.
- Flammable or hazardous materials are strictly prohibited.


- Proper insulation and electrical safety compliance is mandatory.
- Organizers reserve the right to halt unsafe demonstrations.
- Projects posing safety risks will be immediately disqualified.

## EVENT ROUNDS & STRUCTURE

Round	Description	Mode	Duration
 Round 1	Online Idea Screening & PPT Evaluation	Online	As Announced
 Round 2	24-Hour Prototype Development	Offline	24 Hours
 Final	Live Demo, Q&A & Jury Scoring	Offline	—

## SUBMISSION GUIDELINES

 Round 1 — Online Screening	 Round 2 — Grand Finale
<ul style="list-style-type: none"> <li>✓ Problem Statement Selection</li> <li>✓ PPT (Using Official Template — Mandatory, Max 10 Slides)</li> <li>✓ Proposed Architecture Diagram</li> <li>✓ Innovation Summary (Max 300 Words)</li> <li>✓ Team Member Details</li> </ul>	<ul style="list-style-type: none"> <li>✓ Working Prototype</li> <li>✓ 2–3 Minute Demo Video</li> <li>✓ Final PPT (Official Template Mandatory, Max 15 Slides)</li> <li>✓ A3 Banner (Official Template Mandatory)</li> <li>✓ GitHub Repository Link (Software Category Only)</li> <li>✓ Technical Documentation</li> </ul>

 **Failure to follow official template format may result in score deduction. Shortlisted teams will be notified via official communication channels.**


## JUDGING CRITERIA & SCORING

## Judging Weightage





Criteria	Weightage
 Innovation & Originality	20%
 Technical Complexity	25%
 Functionality & Working Model	20%
 Practical Impact & Scalability	20%
 Presentation & Clarity	15%

## Scoring Overview

Parameter	Max Points
Technical Depth	30
Innovation	20
Working Implementation	20
Impact & Feasibility	20
Presentation	10
<b>TOTAL</b>	<b>100</b>

 **Tie-Breaker Rule:** In case of equal scores, the team with higher Technical Implementation marks will be ranked higher. Jury decision is final.

## PENALTIES & DISQUALIFICATIONS

Violation	Penalty
 Late Submission	-10 Points
 Plagiarism / Copied Code	<b>Immediate Disqualification</b>
 Pre-built / Reused Project	<b>Immediate Disqualification</b>
 Unsafe Hardware Demo	<b>Immediate Disqualification</b>

Violation	Penalty
 Misconduct or Unethical Practice	<b>Ban from Future Events</b>
 Failure to Use Official Templates	Up to -10 Points

Note: Organizers may use plagiarism detection tools for verification of all submissions.

## AWARDS & RECOGNITION




There will be 3 winners, 3 First Runners-Up, and 3 Second Runners-Up — one from each category. A total of 3 Grand Finalists Teams will be recognized.

 Software Edition	 Hardware Edition	 Student Innovation
 <b>Winner</b> <b>₹10,000</b> + Winner Certificate	 <b>Winner</b> <b>₹10,000</b> + Winner Certificate	 <b>Winner</b> <b>₹10,000</b> + Winner Certificate
 <b>1st Runner-Up</b> <b>₹5,000</b> + Runner-Up Certificate	 <b>1st Runner-Up</b> <b>₹5,000</b> + Runner-Up Certificate	 <b>1st Runner-Up</b> <b>₹5,000</b> + Runner-Up Certificate
 <b>2nd Runner-Up</b> Certificate of Merit	 <b>2nd Runner-Up</b> Certificate of Merit	 <b>2nd Runner-Up</b> Certificate of Merit

 <b>3 Grand Finalists Teams</b> Grand Finale Certificate + Recognition	 <b>All Participants</b> Official Participation Certificate	 <b>Student Innovation</b> Think out-of-the-box! Open category for all streams
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## MENTOR ELIGIBILITY & GUIDELINES

After teams are shortlisted for the Grand Finale, each team will have the option to select up to 2 mentors from academia.

 <b>Team Composition</b>	 <b>Optional</b>	 <b>Source</b>
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4 student members + up to 2 mentors from academia

Mentor participation is entirely optional and at team discretion

Mentors must be from academic institutions only

### Mentor Rules at a Glance

- ✓ Mentors may guide and advise teams but must NOT directly contribute to implementation.
- ✓ Only 2 mentors maximum per team are allowed.
- ✓ Mentors must be from academia (faculty, professors, or academic researchers).
- ✓ Mentor participation is optional — the core team of 4 students is mandatory.
- ✓ Teams are encouraged to think out-of-the-box, especially for the Student Innovation category.



## GENERAL INSTRUCTIONS

1. Participants must register before the official deadline.
2. Valid college ID proof may be required during verification.
3. Intellectual Property created during the event remains with the participating team.
4. By participating, teams grant organizers permission to use project summaries and images for promotional purposes.
5. Judges' decisions will be final and binding.
6. Official updates will be communicated through the website and designated event channels only.
7. All clarifications and updates will be announced on the official Mini SIH website — check regularly.
8. External teams must plan their travel and stay in advance as the Grand Finale is held offline at Presidency University.



#### Website

All updates, PS lists, and announcements on the portal



#### Email

Shortlisting results sent to registered email IDs



#### Contact

Reach out via the official contact on the website

**⚡ Official Note: This Rule Book serves as the official guideline for Mini Smart India Hackathon 2025/2026 organized by FarmAura at Presidency University. All clarifications and updates will be communicated through designated official channels.**