ABOUT SIH JUNIOR 2023

This year SIH-2023 moves to its next level and welcomes the participation from schools (6th to 12th Class students) to contribute in the nation building initiative. This is an Open Innovation Student category in which students can give ideas against the pre-defined 16 Themes. The SPOC can nominate school student teams against various themes available on the official website of SIH-2023.

THEMES FOR SIH 2023 Jr.

1. Renewable/sustainable energy
2. Block chain and Cyber Security
3. Smart education
4. Disaster Management
5. Smart Automation
6. Heritage and Culture
7. Med tech/biotech/health tech
8. Agriculture, food tech and rural development
9. Smart vehicle
10. Transportation and logistics
11. Robotics and drones
12. Clean and green energy
13. Tourism
14. Smart Vehicle
15. Toys
16. Miscellaneous

MODE OF HACKATHON

1. Pre-screening and Finale Evaluation will be organized through Online Mode.
2. **Winning Teams will be felicitated at the physical Nodal Centers across India.**
3. Tentative dates for grand finale- online mode will be in January 2023 and felicitation will happen in the 3rd/4th week of January 2023.

SCHOOL REGISTRATION

1. **School REGISTRATION is open on the website till 31st October 2023,** any school can nominate their teams through the portal. **This SIH Junior hackathon is for Class 6th to Class 12th students**
2. **SPOC (Single point of contact) is** the person (Principal/Vice Principal/Registrar/Any senior faculty nominated by principal) who will represent the school and carry out the registration process. They can nominate a maximum of **10 teams per school under any 16 Themes (displayed on the website)**.
3. **Each team nominated by the SPOC can have a minimum of at max 3 members (including the team leader).** Each team can have their max 2 team mentors (optional) (These could be teachers/parents/industry expert)

TEAM FORMATION

- A team can be formed of **1 student to 3 students (at max); 2 Mentors (optional) (can be teachers/parents/industry experts)**

- It is recommended to have at least one female member to be the part of the team.
- All students should be from the **same school**. Inter-school teams are not allowed.
- **Team Name** should be unique and not contain the name of their institute in any form.

WORKING ON PROBLEM STATEMENT

Open innovation: Teams can work on any Problem Statements of their own & lie in any of the 16 themes available on the website. Students can come up with their own model based on these themes.

Submission of Ideas: The SPOC have to register the selected teams on the SIH portal along with the following details:
- Team Name
- Name, gender, Email id, Mobile No. of team leader and all other Members
- Chosen Problem Statement and its proposed solution with a title, description & presentation PDF.
- School authorization letter

This registration process is open till 31ˢᵗ October 2023.

PROCESS AND TIMELINES SELECTION CRITERIA & EVALUATION

1. Idea Submission – 23ʳᵈ Aug to 31ˢᵗ Oct 2023
2. Pre-Screening Evaluation – From 1ᵗʰ November 2023
3. Grand Finale Evaluation – November 2023 (tentative) - ONLINE
4. Felicitation of Winners at Nodal Centers (Valedictory) – January 2023 (tentative) – OFFLINE at nodal centers across PAN India.

The proposed solutions are evaluated by experts on points like the novelty of the idea, complexity, clarity, detailed document, feasibility, practicability, and sustainability, the scale of impact, user experience, and potential for future work progression.

Mentoring and Evaluation Sessions

- During the mentoring session the team members interact with the judges and representatives from the organizations gaining valuable feedback on the progress of their work and how can it be improved.
- The evaluation session in the evening is the time when the teams give a presentation of their application/ prototype or solution and answer the jury's questions.

Each team had a scheduled time slot of approx. 10-20 min for each of these sessions conducted via web conference.

For the final evaluation session, the teams had to give a complete walkthrough of their application/

prototype developed during this hackathon and also submit a final presentation document.

PRIZE MONEY

- Five winning team will be selected per theme and the results will be published on the portal.
- The Prize Money of Rs. 25,000/- will be felicitated at the allotted nodal center.
- The number of winning teams can be less than five depending on the idea's productivity, feasibility, novelty and acceptance by the evaluators.