

Guidelines and Process flow for SBH

ABOUT SBH JUNIOR 2023

This year SBH-2023 moves to its next level and welcomes the participation from schools (9th 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 14 Themes. The SPOC can nominate school student teams against various themes available on the official website of SIH-2022.

THEMES FOR SIH 2023 Jr.

- | | |
|---|--|
| 1. Smart Vehicle | 10. IOT with AI |
| 2. Renewable/sustainable energy | 11. Agriculture , Foodtech and Rural Development |
| 3. Block chain and Cyber Security | 12. Biotech and healthcare |
| 4. Smart Automation | 13. Toys |
| 5. Smart Education | 14. Miscellaneous |
| 6. Disaster Management | |
| 7. Smart Automation | |
| 8. Intelligent Transportation and logistics | |
| 9. Robotics and Drones | |

MODE OF HACKATHON

SBH 2023 will be held offline at RCCIIT college campus in Kolkata, Beliaghata and teams have to travel to the RCCIIT college campus. The tentative dates for the hackathon is 11th of April, 2023.

SCHOOL REGISTRATION

1. **School REGISTRATION is open on the website till 28th February 2023**, Any school can nominate their teams through the portal. **This SBH Junior hackathon is for Class 9th 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 14 Themes (displayed on the website)**.
3. **Each team nominated by the SPOC can have a minimum of at max 4 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 **2 student to 4 students (at max); 2 Mentors (optional) (can be teachers/parents/industry experts)**

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- 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.

TEAM SUBMISSION PROCESS

- 1) It is mandatory that the School SPOC enters the details for a nominated team in the prescribed format only (Sample attached below, also can be downloaded from the SPOC dashboard). Team details once entered cannot be altered. School SPOC will be responsible to ensure that all the data entered by him/ her is accurate.

< School letter head >

Date: xx/Month/2023

Sub: Smart Bengal Hackathon 2023 – Nomination

I am pleased to nominate the below team from our School to participate in Smart Bengal Hackathon 2023

Team : < Team Name >

	Name	Gender (M/F)	Email id	Mobile no.	Class	Section
Team Leader						
Team Member						
Team Member						
Team Member						
Mentor 1 (Optional)						
Mentor 2 (Optional)						

(Instructions for colleges:

****Issue One Consent letter per team. Please follow the college authorization letter format given here. If the format is changed, the team is likely to get disqualified.***



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***Please remove these 2 instruction lines in the bracket before saving and uploading the form)*

Sincerely,

< Principal's/Head

Master's/ Head

Mistress Name >Sign/-

The Principal /Head Master< School Stamp >

- 2) The letter must be issued on college letterhead only. **It must clearly state name of the team and all 4 team members and must be duly signed by school principal/ Head Master/Head Mistress and bear the school seal.** This letter will be required during the grand finale, if the team is selected for grand finale.
- 3) The team name should be unique and must not contain the name of your institute in any form.
- 4) A max of 10 teams per school can be nominated (including PSstatement based/Student innovation category).
- 5) There is no bar for the Software and hardware categories. You can make the combination as per your convenience but the total number of the teams should not breach 10 team's criteria.

WORKING ON PROBLEM STATEMENT

Open innovation: Teams can work on any Problem Statements of their own & lie in any of the 14 themes available on the website. Students can come up with their own model based on these themes with maximum 40% completion status.

Submission of Ideas: The SPOC have to register the selected teams on the SBH 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 28th February 2023.

PROCESS AND TIMELINES SELECTION CRITERIA & EVALUATION

1. Idea Submission – 28th February 2023
2. Pre-Screening Evaluation – From 15th March 2023
3. Grand Finale Evaluation –11th April 2023

The proposed solutions are evaluated by experts on points like the novelty of the idea, complexity,

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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 in off line mode.

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



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

PRIZE MONEY

- Three winning team will be selected per theme and the results will be published on the portal.
- The Prize Money of Rs. 50,000/-, 30,000/ & 20,000/-based on 1st, 2nd and 3rd will be felicitated at the venue.
- The number of winning teams are three (First, 2nd & 3rd) depending on the idea's productivity, feasibility, novelty and acceptance by the evaluators.