

## **Idea Submission Process for Smart India Hackathon 2020/FAQs**

### **How do I register for Smart India Hackathon 2020?**

Students can not directly register themselves. If you are a student, you can only be registered by your college SPOC. If you are a SPOC you can click on <https://www.sih.gov.in/collegeRegistration> for registration.

### **How a student can register?**

Those students are allowed to be registered who are selected in Internal Hackathon. College Faculty SPOCs can only register the student teams.

### **Which AICTE college code should be entered by SPOC during registration?**

If your college is approved by AICTE, you are requested to enter your 2018 application id (2018 AICTE CID). You can get the ID from aicte portal as well (Please visit

### **Please note:**

SIH2020 has undergone a major change and idea submission process is different this year. For details, please go through new Idea submission process below

### **What is the new idea submission process of SIH2020?**

Please read the below process and understand it carefully.

- Once problem statements are unveiled to students on the portal, they are supposed to form a team of 6 members including at least one female member as mandatory.
- The college SPOC will first register on the SIH portal. SPOCs must upload their college authorization letter while completing the registration formalities. Please note only one SPOC is allowed to register in the portal.
- The teams can come up with their own ideas against the problem statements and submit them to the nominated faculty or SPOC of their own college.
- Colleges are recommended to hold **Internal Hackathons** (hackathon competitions at individual college level) for teams that have submitted ideas. These internal hackathons would be held in the month of Dec 2019 and Jan 2020.
- Each college SPOC will nominate total top 7 teams (selected from the internal hackathon of their individual colleges) that are eligible to participate in SIH2020. A college cannot nominate more than 7 teams under any circumstances. 7 teams would comprise of top 5 software teams and top 2 hardware teams (including Student Innovation category) from each college.
- The nominated College SPOC is then needed to enter the details of top 7 selected teams (5 teams for Software edition and 2 teams for Hardware edition) on the SIH portal. The details include:
  - Team name
  - Chosen problem statement
  - Idea title
  - Idea description

- Idea ppt PDF ( Format can be downloaded <https://www.sih.gov.in/letters/Idea%20ppt.pptx> )
- College authorization letter PDF (in given format)
- Names of team leader and the rest 5 team members
- Gender of team leader and the rest 5 team members
- Email id of all the team members along with the team leader
- Mobile no. of all the team members along with the team leader

\*\*\* It is recommended that the College SPOC enters the details for a nominated team in presence of respective team leader. Team & idea details once entered cannot be altered. College SPOC will be responsible to ensure that all the data entered by him/ her is accurate.

- Along with this, the SPOC would also need to add some details of internal hackathon held by the institute such as details of judges for internal hackathon and few photos/videos of the internal hackathon.

### Sample of College Authority letter for Teams

#### Sub: Smart India Hackathon 2020 – Nomination

I am pleased to nominate the below team from our college to participate in Smart India Hackathon 2020. AICTE Application No/ UGC Registration No for our college is \_\_\_\_\_.

**Team :** < Team Name >

	Name	Gender (M/F)	Email id	Mobile no.
Team Leader				
Team Member				
Team Member				
Team Member				
Team Member				
Team Member				

#### ***(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.***

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

Sincerely,

< Principal's Name >

Sign/-

The Principal < College Stamp >

- The letter must be issued on college letterhead only. It must clearly state name of the team and all 6 team members and must be duly signed by college principal/ dean/ institute director and bear the college seal. This letter will be required during the grand finale, if the team is selected for grand finale.
- The team name should be unique and must not contain the name of your institute in any form.

### How should the students form a team?

- All team members should be from same college; no inter-college teams are allowed. However, members from different branches of the same college/ institute are encouraged to form a team.
- Each team would mandatorily comprise of 6 members including the team leader.
- Each team must have AT LEAST ONE FEMALE TEAM MEMBER.
- As the software edition of the hackathon is digital product development competition, majority of the team members MUST be well versed with programming skills. For the hardware edition, we encourage multi-disciplinary teams – which means your team should have a good mix of Mechanical Engineers, Electronic Engineers, Product Designers and Programmers, etc.
- All these teams will be participating in the recommended Internal hackathons

### Idea nomination process

#### Please note:

- The top 7 teams (5 teams for Software edition and 2 teams for Hardware edition)\_nominations (from internal hackathon) must be submitted on the SIH portal by the College SPOC only. 2 teams can be nominated in wait list under each category.
- SPOC registration will start from 1<sup>st</sup> December 2019
- The last date for **team nomination and idea submission** by College SPOC on SIH portal will be **10<sup>th</sup> February 2020**. This deadline will not be extended under any circumstances and no exceptions will be made.
- College SPOC must login on [sih.gov.in](http://sih.gov.in) using his/ her credentials and fill out the details of 7 nominated teams.
- With this new system, a team will not be able to make multiple idea submissions.

### What's the selection criteria?

Post Idea submission process, the ideas will be evaluated by experts.

- Evaluation criteria will include novelty of the idea, complexity, clarity and details in the prescribed format, feasibility, practicability, sustainability, scale of impact, user experience and potential for future work progression.

### **When/where will the shortlisted ideas be announced?**

- Notification about selected teams will be put up on our portal and will also be sent to their respective nodal centers
- One may also keep a track of all the latest announcements and updates about the initiative through SIH App.
- Be available for meetings, A-view sessions and trainings during the preparation phase; you will be notified about them in advance.

### **What are Mentor registration formalities? When will they begin?**

- For Software Edition, after teams are shortlisted, each team will have the option of selecting 2 mentors from the industry or academia. A mentor is expected to have at least 4+ years of Industry/Academic experience to qualify as a mentor. Each team of 6 team members should have 2 mentors.
- For Hardware Edition, 2 Industry mentors are encouraged specifically those with over 5 years of hands on experience in hardware industry. Each team of 6 team members should have 2 mentors.
- Mentor registration for shortlisted teams would open post evaluation round. Team leaders would be emailed a link to register details of their chosen mentors

### **General responsibilities of Mentor**

- To mentor and guide teams via Skype/phone/video-chat or in person before the grand finale to help convert students' ideas into a working prototype.
- To provide guidance and support to their allocated teams. Mentors along with participating students work together as a team during the grand finale
- To work collaboratively with the allotted student team during the SIH Grand Finale to build a working prototype.
- Out-station travel to the hackathon venue may be necessary to participate in the Grand Finale.
- The travel and accommodation of students and their mentors will be taken care by SIH2020 organizers. However, both mentor and students are eligible for same class of stay and travel.

### **General information regarding the Grand Finale**

- If a team is selected for the final Hackathon, members will need to travel to the assigned nodal center which can be anywhere in India.
- Shortlisted teams (6 students & 2 mentors) traveling for the grand finale will be eligible to receive reimbursement for to & from journey via 2S (2<sup>nd</sup> Class sleeper) railway fare. The reimbursement amount will be paid at the grand finale nodal centers upon producing copies of train tickets and completing relevant forms. The arrangement for booking of train tickets is responsibility of teams themselves or their institutes.

- College faculty members traveling with teams for the grand finale are not eligible for any reimbursement of travel expenses.
- The nodal centers will be arranging for accommodation of teams during the grand finale.
- Each college/institute will issue a stamped photo ID to each member of the teams selected for the finale
- College photo ID is mandatory for participating in the finale.

### **Problem statements and Prizes to be won**

- SIH2020 brings you problem statements from leading public and private organizations, union ministries, state governments and NGOs in India.
- There would be ONE single winning team for every problem statement posted on the portal. The prize money will be given by the collaborating ministry/ industry **ONLY IF** that organization likes the idea of the winning team. However, it is NOT mandatory to announce only one winning team against each problem statement. If the collaborating ministry/ industry concludes that none of the ideas are up-to-the-mark, they may not announce any winning team at the finale.
- Amount of prize money to be awarded to each winning team is Rs.100000/- per problem statement.
- If there is a tie between two or more teams, the final decision of the prize money distribution will be taken by the problem statement creator only and once the decision is made, it won't be changed further.
- Teams are also encouraged to think out-of-the-box and provide creative solutions to themes under 'Students Innovation' category. However, please remember only one team under each category (software and hardware) will be allowed for submission under student innovation i.e max 2 teams per college can be nominated of which max 1 can be for software and max 1 for hardware are allowed. Prize money for student innovation category will also be different. 3 teams per nodal center will be selected of which 1<sup>st</sup> prize money will be of Rs 1 Lac and 2<sup>nd</sup> of Rs 75000 and 3<sup>rd</sup> will be of Rs 50000. There may be 3-4 nodal centers (tentatively) for student innovation category.

### **Repository for Internal Hackathon:**

We are sharing a repository of designs for the following items that are essential when preparing for an Internal Hackathon at your college. Request you to get all the below items printed at the expense of your College. Please note, there will be no reimbursement from SIH2020 Organizers for these printing expenses.

The Repository of designs can be accessed here: <https://on.i4c.in/#SIH2020OrgCollaterals>

1. **Stage Backdrop** to be put up during internal hackathon (This is MANDATORY. Ensure you take plenty of pictures with this backdrop and share them with us while filling out Team Nomination form)
2. **Participation Certificate for Students** (For all participants of Internal hackathon)
3. **Jury certificate** (For your appointed jury panel at the Internal hackathon)
4. The certificates can be signed by any college authority.

### **Miscellaneous Information**

- Intellectual property (IP) of the winning idea would be split equally between industry that gave the problem statements and the winning team or will be decided on the mutual agreement.
- Selected ideas will be supported to be developed further so that industries/ government institutions will be able to utilize these ideas; more efforts beyond the finale are required from the selected teams thereafter.