

MoE's  
INNOVATION CELL  
(GOVERNMENT OF INDIA)



SMART INDIA  
HACKATHON  
2024

# SMART INDIA HACKATHON 2024

## GUIDELINES

#InnovationseAtmaNirbharBharat

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# SPOC REGISTRATION



# WHO CAN BE SPOC:

The SPOC (Single Point of Contact) for Smart India Hackathon 2024 can be any senior member of the college faculty, such as Lecturer Assistant Professor, Associate Professor, Professor, Head of Department (HOD), Dean, Director, Principal or another designated official.

## HOW TO REGISTER:

- **Students:** You cannot register directly. Your college's SPOC (Single Point of Contact) will handle registrations.
- **SPOCs:** Visit [Smart India Hackathon's official website](#) for registration.

The SPOC is typically responsible for coordinating the internal hackathon, managing student registrations, and ensuring that all guidelines are followed for the institution's participation in the event.



# SPOC ACCOUNT APPROVAL

**After SPOC registration, the SIH implementation team authorizes the account.**

**Once verified, the SPOC gains access to the SIH portal.**



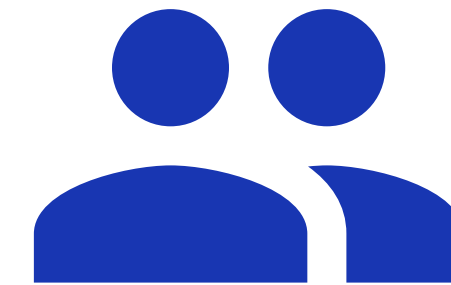
# STUDENT REGISTRATION CRITERIA



**Only students selected in the Internal Hackathon can be registered.**



**The college SPOC nominates top teams based on internal hackathon results**



**Maximum 30 teams can be nominated in Smart India Hackathon 2024.**

# INTERNAL HACKATHON



SIH 2024

# DETAILS TO BE PROVIDED BY THE SPOC FOR INTERNAL HACKATHON SUBMISSION

05

## Internal Hackathon Report

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**Total Number of Teams Participated**

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**Total Number of Female Participants**

## Internal Hackathon Image/Video Link

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**Date of Internal Hackathon**

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**Total Number of Male Participants**

## Internal Hackathon Location

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**Total Number of Students Participated**

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**Mode of the Internal Hackathon (Online/Offline)**



# CONDUCTING INTERNAL HACKATHON

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SPOCs must upload a detailed Internal Hackathon report (maximum 15 pages) on the dashboard portal

## The report should include

- Event overview (1 page)
- Event photos (2 pages)
- Participating teams' pictures (2 pages)
- Judging process (1 page)
- Jury panel details (1 page)
- Nominated top teams (1 page)
- Judges' information (1 page)
- Total participating teams & students (2 pages)
- News articles (1 page)
- Social media promotion (1 page) with hashtags #sih2024 and #smartindiahackathon2024
- Tag the official page of Innovation Cell, Ministry of Education on Twitter.

# TEAM FORMATION AND REGISTRATION



# STUDENT/TEAM FORMATION

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All team members must be from the same college (no inter-college teams)

Each team consists of 6 members, including the team leader.

At least one female team member is mandatory

**For software edition, programming skills are crucial. For hardware edition, multi-disciplinary teams are encouraged (Mechanical Engineers, Electronic Engineers, Product Designers, Programmers, etc.)**

# STUDENT REGISTRATION CRITERIA

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**ONLY STUDENTS  
SELECTED IN THE  
INTERNAL  
HACKATHON CAN BE  
REGISTERED FOR THE  
SMART INDIA  
HACKATHON 2024**

**THE COLLEGE SPOC  
NOMINATES TOP  
TEAMS BASED ON  
INTERNAL  
HACKATHON  
RESULTS.**

**MAXIMUM 30 (25  
SHORTLISTED + 5  
WAITLISTED)  
TEAMS CAN  
PARTICIPATE IN  
SMART INDIA  
HACKATHON 2024**

# TEAM NOMINATION PROCESS



# TEAM NOMINATION PROCESS

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

- 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

- A max of 30 teams (25 Shortlisted + 05 Waitlisted) per college can be nominated (including Problem statement based/Student innovation category)

- 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 30 team's criteria

# IDEA SUBMISSION PROCESS



# IDEA SUBMISSION PROCESS

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- SPOC registration has already started on August 2024 & **the last date for team nomination and idea submission by College SPOC on SIH portal is till 12th Sept 2024.**

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- Idea submission counter will start from August 2024 and only 500 ideas will be submitted for a particular PS. Once the count number got all 500 ideas, the particular PS will get freeze and no idea submission will be allowed for the respective PS

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- Count number with the ideas submitted numbers and Ideas left numbers will be displayed in the public domain just opposite to the PS and can be viewed by anyone on [sih.gov.in](http://sih.gov.in)  
**One team can submit Ideas against maximum of 2 Problem Statement only**

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- Nominated Team's team leader will get the Login credentials after SPOC upload team details in the portal to complete the idea submission process

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- The last date for team nomination and idea submission by College SPOC and Team leader on SIH portal is till 12th Sept 2024 only. No request will be entertained after the deadline



# IDEA SUBMISSION PROCESS

**The team leader needs to enter the details on the SIH portal that include:**

- 1) Verify pre-entered Team name.
- 2) Verify pre-entered College authorization letter PDF (in given format)
- 3) Verify pre-entered Names of team leader and the rest 5 team members
- 4) Verify pre-entered Gender of team leader and the rest 5 team members
- 5) Verify pre-entered Email id of all the team members along with the team leader
- 6) Verify pre-entered Mobile no. of all the team members along with the team leader
- 7) Chosen problem statement or Student Innovation Category.
- 8) Idea title.
- 9) Idea description.
- 10) Idea presentation (PDF).

# SHORTLISTED IDEAS ANNOUNCEMENT

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**Notification about selected teams will be put up on our portal and will also be sent to their respective email IDs**



**Be available for meetings, sessions and trainings during the preparation phase; you will be notified about them in advance**



**4-5 teams per problem statement may be selected for the grand finale, but the final decision rests with the problem statement creating organization, which isn't obligated to declare a winner unless student proposals meet their expectations**

# GENERAL GUIDELINES



GUIDELINES

# IDEA 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.**

# MODE OF SIH GRAND FINALE

**SIH 2024 Grand Finale will be held offline at various nodal centers across pan India and teams have to travelled to their respective nodal centers. The tentative dates for the hackathon is 2nd/3rd week of Nov 2024**

# MENTORS ELIGIBILITY

**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 relevant experience of Industry/Academic experience to qualify. Each team of **6 team members** may or may not 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 may have **2 mentors****

# RESPONSIBILITIES OF MENTOR

To mentor and guide teams via 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 SIH2024 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

College faculty members traveling with teams for the grand finale are not eligible for any reimbursement of travel expenses

Each college/institute will issue a stamped photo ID to each member of the teams selected for the finale

The nodal centers will be arranging for accommodation of teams during the grand finale

Shortlisted teams traveling to the grand finale are eligible for (SL) Sleeper Class Non AC fare reimbursement, payable at the nodal center upon submitting train tickets and forms. Team or their institutes are responsible for booking tickets

College photo ID and Consent letter copy is mandatory for participating in the finale

# 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

The ideas or solutions provided/developed/proposed by the teams must be new and must not have been present in any previous event/program of any sort



# PROBLEM STATEMENTS AND PRIZES

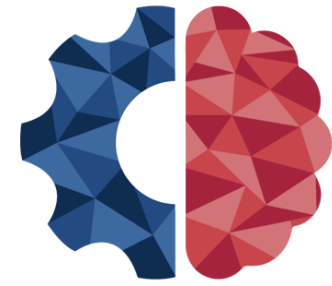
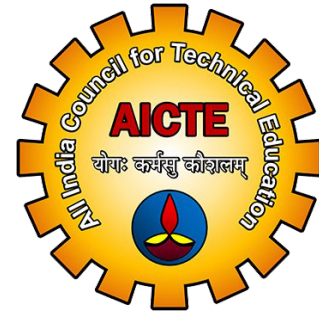
Teams are encouraged to think out-of-the-box and provide creative solutions to themes under 'Students Innovation' category.

SIH2024 brings you problem statements from leading public and private organizations, union ministries, state governments and NGOs in India

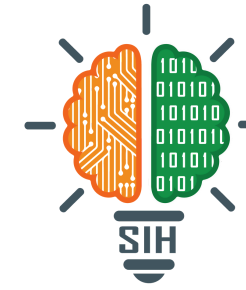
There would be ONE single winning team for every problem statement posted on the portal. The prize money will be given by the collaborating ministry/ industry ONLY IF that organization likes the idea of the winning team. However, it is NOT mandatory to announce only one winning team against each problem statement.

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



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SMART INDIA  
HACKATHON  
2024

# CONTACT INFORMATION



## Phone Number

011 2958 1239/40/41



## Email Address

[sih@aicte-india.org](mailto:sih@aicte-india.org)  
[hackathon@aicte-india.org](mailto:hackathon@aicte-india.org)



## Website

[sih.gov.in](http://sih.gov.in)

# Annexure A

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< College letter head >

Date: xx/Month/2024

## Sub: Smart India Hackathon 2024 – Nomination

I am pleased to nominate the below team from our college to participate in Smart India Hackathon 2024. AICTE Application No/ UGC Registration/ AISHE code No for our college is \_\_\_\_\_.

Team: < Team Name >

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

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

Sincerely,

< Principal's Name >

Sign/-

The Principal < College Stamp >

# SPOC Consent Letter Format

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< College letter head >

Date: xx/Month/2024

To: Whom so it May Concern:

## **Sub: Smart India Hackathon 2024 – Appointment of College SPOC**

This is to inform that the following Principal/ Dean/ official/ faculty member from our institute has been appointed as College Single Point of Contact (College SPOC) for Smart India Hackathon 2024.

**Name of Official:**

**Designation:**

**Mobile no:**

**Email id:**

*(Only 1 SPOC per institute is allowed.)*

We understand that, the SPOC will be:

- Single Point of Contact to reach out to regarding any SIH2024 related communication to the institute/ student teams from SIH organizers.
- SPOC will be responsible for nominating top 30 teams - 25 Shortlisted and 05 Waitlist teams inclusive of both software and hardware.

Sincerely,

< Principal's Name >

Sign/-

The Principal            < College Stamp >