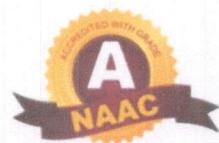




PPG INSTITUTE OF TECHNOLOGY

(Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai)
Recognized by UGC | Accredited by NAAC with A | ISO Certified Institution
NH 209, Sathy Main Road, Saravanampatti, Coimbatore - 641035, Tamil Nadu



PPGIT/SIH-2025/Circular/01/2025

16.09.2025

CIRCULAR

Subject: Notice for Internal Hackathon: Smart India Hackathon 2025

Attention all students and faculty members,

We are excited to announce the Internal Hackathon, the preliminary event leading up to the Smart India Hackathon 2025. This is an excellent opportunity for you to demonstrate your innovative ideas, technical expertise, and problem-solving skills.

Smart India Hackathon 2025 (SIH2025) is a nationwide initiative to provide students a platform to solve some of the most pressing challenges faced in everyday life and thus foster a culture of innovation and practical problem-solving. Through the SIH2025, the Ministry of Education's Innovation Cell (MIC) tries to crowd source solutions for improving governance and quality of life and offers students an opportunity to showcase their skills, and encourages collaboration with industry experts.

Total No. of Themes : 16

Total No. of Problem Statements: Software edition– 90 Hardware edition – 45

Details of Internal Hackathon, precursor of SIH-2025, are as follows:

1. Date: 19th Sept, 2025.
2. Venue: Seminar Hall
3. Time: 10:00 am onwards


SIH Coordinator


Principal

Enclosed:

- SIH Internal hackathon details and guidelines
- SIH2025_IDEA_Presentation_Format

Copy to

1. Main Notice Board
2. All HoD's and Coordinators
3. All Department Notice Board
4. IQAC
5. File



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NOTICE

SUBJECT: NOTICE FOR INTERNAL HACKATHON: SMART INDIA HACKATHON 2025

We are pleased to announce the Internal Hackathon as part of the Smart India Hackathon 2025. Below are the details and guidelines for participation:

Internal Hackathon Details:

- Date : 19th September, 2025
- Time: 10:30AM to 04:30PM
- Venue: Seminar Hall

Team Formation:

- Department coordinators are kindly requested to encourage the formation of SIH multi-disciplinary project teams members across various departments.
- All participants must be from the same college; inter-college/school teams are not permitted.
- Members from different branches or disciplines within the same institution may form a team.
- Each team must consist of 6 members, including the team leader, and must include at least one female member.
- For the Hardware edition, multi-disciplinary teams are encouraged, allowing for a mix of Mechanical Engineers, Electronics Engineers, Product Designers, Programmers, etc.
- For the Software edition, which focuses on digital product development, it is mandatory that the majority of team members possess strong programming skills.

Requirements:

- PPT Preparation :Teams must prepare a presentation in the prescribed SIH format.
<https://www.sih.gov.in/#sihtypes>
- Implementation: An initial implementation of the solution is required. For hardware edition and software edition.
- On-the-Day Tasks: Judges may request additional features to be implemented during the internal hackathon.



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Evaluation:

- Both the PPT and implementation will be evaluated by the judges.

Benefits:

- Team Selection: The top 45 + 5 waiting list totally 50 teams will be nominated for the national level.

Additional Information:

- SIH-Website : <https://sih.gov.in/>
- Problem Statements : <https://sih.gov.in/sih2025PS>

We encourage all students to participate and showcase their innovation and skills. Best regards



SMART INDIA HACKATHON 2025 GUIDELINES

#InnovationAtmaNirbharBharat

TABLE OF CONTENTS

- 01 SPOC Registration
- 02 Internal Hackathon
- 03 Team Formation and Registration
- 04 Team Nomination Process
- 05 Idea Submission Process
- 06 General Guideline
- 07 Contact Details

WHO CAN BE SPOC:

The SPOC (Single Point of Contact) for Smart India Hackathon 2025 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.



INTERNAL HACKATHON



DETAILS TO BE PROVIDED BY THE SPOC FOR INTERNAL HACKATHON SUBMISSION

Internal Hackathon Report

Total Number of Teams Participated

Total Number of Female Participants

Internal Hackathon Image/Video Link

Date of Internal Hackathon

Total Number of Male Participants

Internal Hackathon Location

Total Number of Students Participated

Mode of the Internal Hackathon (Online/Offline)

SPOC REGISTRATION



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 of 50 teams from one institute can be nominated in Smart India Hackathon 2025.

CONDUCTING INTERNAL HACKATHON

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 #SIH2025 and #smartindiahackathon2025
- Tag the official page of Innovation Cell, Ministry of Education on Twitter.

SIH 2025

TEAM FORMATION AND REGISTRATION



STUDENT/TEAM FORMATION

07

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.)

SIH 2025

TEAM NOMINATION PROCESS



TEAM NOMINATION PROCESS

09

SIH 2025

- 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 50 teams (45 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 50 team's criteria

IDEA SUBMISSION PROCESS

- SPOC registration will start from August 2025 & the last date for team nomination and idea submission by College SPOC on SIH portal is till 30th Sept 2025.
- Idea submission counter will start from August 2025 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
- 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
One team can submit Ideas against maximum of 2 Problem Statement only
- Nominated Team's team leader will get the Login credentials after SPOC upload team details in the portal to complete the idea submission process
- The last date for team nomination and idea submission by College SPOC and Team leader on SIH portal is till 30th Sept 2025 only. No request will be entertained after the deadline

10

SIH 2025

IDEA SUBMISSION PROCESS

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

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

SIH 2025

STUDENT REGISTRATION CRITERIA

08

ONLY STUDENTS SELECTED IN THE INTERNAL HACKATHON CAN BE REGISTERED FOR THE SMART INDIA HACKATHON 2025

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

MAXIMUM 50 (45 SHORTLISTED + 5 WAITLISTED) TEAMS CAN PARTICIPATE IN SMART INDIA HACKATHON 2025



IDEA SUBMISSION PROCESS

SHORTLISTED IDEAS ANNOUNCEMENT

12

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

SIH 2025

GENERAL 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 2025 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 3rd/4th week of Nov 2025

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 work collaboratively with the allotted student team during the SIH Grand Finale to build a working prototype

The travel and accommodation of students and their mentors will be taken care by SIH2025 organizers. However, both mentor and students are eligible for same class of stay and travel

PROBLEM STATEMENTS AND PRIZES

SIH 2025 brings you problem statements from leading public and private organizations, union ministries, state governments and NGOs in India

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

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 there is 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

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

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

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

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

CONTACT INFORMATION

Phone Number
011 2958 1239/40/41

Email Address
sih@aicte-india.org
hackathon@aicte-india.org

Website
sih.gov.in



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

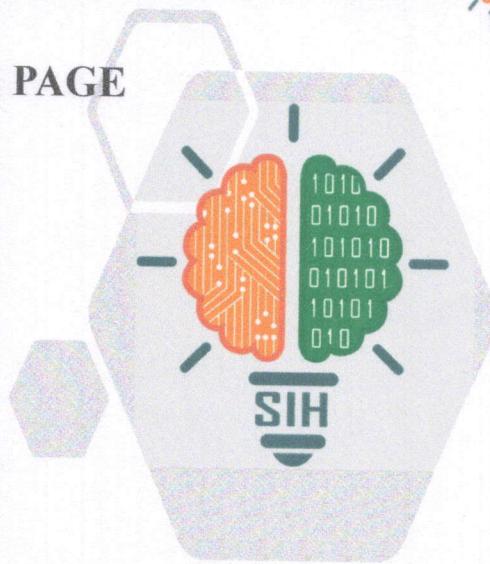
The ideas or solutions provided/developed/proposed by the teams must be new and must not have been present in any previous event/program of any sort

SMART INDIA HACKATHON 2025



TITLE PAGE

- Problem Statement ID –
- Problem Statement Title-
- Theme-
- PS Category- Software/Hardware
- Team ID-
- Team Name (Registered on portal)



Your
Team
Name

IDEA TITLE



❖Proposed Solution (Describe your Idea/Solution/Prototype)

- Detailed explanation of the proposed solution
- How it addresses the problem
- Innovation and uniqueness of the solution

Your
Team
Name

TECHNICAL APPROACH



- Technologies to be used (e.g. programming languages, frameworks, hardware)
- Methodology and process for implementation (Flow Charts/Images/ working prototype)

@SIH Idea submission- Template

3

Your
Team
Name

FEASIBILITY AND VIABILITY



- Analysis of the feasibility of the idea
- Potential challenges and risks
- Strategies for overcoming these challenges

@SIH Idea submission- Template

4

Your
Team
Name

IMPACT AND BENEFITS



- Potential impact on the target audience
- Benefits of the solution (social, economic, environmental, etc.)

@SIH Idea submission- Template

5

Your
Team
Name

RESEARCH AND REFERENCES



- Details / Links of the reference and research work

@SIH Idea submission- Template

6

IMPORTANT INSTRUCTIONS



Please ensure below pointers are met while submitting the Idea PPT:

1. Kindly keep the maximum slides limit up to six **(6)**. (Including the title slide)
2. Try to avoid paragraphs and post your idea in points /diagrams / Infographics /pictures
3. Keep your explanation precise and easy to understand
4. Idea should be unique and novel.
5. You can only use provided template for making the PPT without changing the idea details pointers (mentioned in previous slides).
6. You need to save the file in PDF and upload the same on portal. No PPT, Word Doc or any other format will be supported.

Note - You can delete this slide (Important Pointers) when you upload the details of your idea on SIH portal.