



MHRD



SMART INDIA  
HACKATHON  
2019



## What is SIH 2019?

- An initiative by Ministry of HRD, AICTE, Persistent Systems, IIC and Rambhau Mhalgi Prabodhini
- Involves 1 Lakh+ technical students, 3000+ technical institutions, 200+ organizations from across India
- World's biggest Hardware & Software hackathon.
- 3rd edition of highly successful Smart India Hackathon initiative
- Technology Students across India compete to creatively solve problems and offer technical solutions
- Harness expertise of students from IISc, IITs, NITs and AICTE/UGC approved institutions

## Why join SIH 2019?

- Get innovative solutions to your problems in cost effective ways
- Opportunity to brand your organization nationally
- Recognition and visibility for your organization across all technical institutions in India
- Young techies from all over the country offer out-of-the-box solutions to your problems
- Be part of World's biggest Open Innovation Movement
- Opportunity to work with some of the best talent in the country.
- A chance to represent your college on national level.

## Smart India Hackathon

Innovation and entrepreneurship are at the peak in India. In order to make development a comprehensive mass movement and innovate on all fronts, MHRD, AICTE, IIC and Persistent Systems have come together to organise Smart India Hackathon (SIH) 2019 - a unique Open Innovation Model for identifying new and disruptive technology innovations to solve the challenges faced in our country. It's a non-stop product development competition, where problem statements are posed to technology students for innovative solutions. It can help to:

- Harness creativity & expertise of students
- Spark institute-level hackathons
- Build funnel for 'Startup India' campaign
- Crowdsource solutions for improving governance and quality of life
- Provide opportunity to citizens to provide innovative solutions to India's daunting problems

The first two editions SIH2017 and SIH2018 proved to be extremely successful in promoting innovation, out-of-the-box thinking in young minds, especially engineering students from across India.

## Details of Smart India Hackathon (SIH2019) :

If you have an idea that needs to be showcased, the time has come. After two marvellous editions of Smart India Hackathon, SIH2019 has reached newer heights by 'inviting problem statements from private sector organizations' to challenge our students to offer high-calls yet cost-effective innovative solutions. These problem statements are divided in three categories namely i) Simple ii) Complex iii) Complicated. 503 problem statements have already been published on [sih.gov.in](http://sih.gov.in) for students to submit their ideas. The final date for submission of idea is 20<sup>th</sup> Jan 2019. SIH 2019 gives a chance for students to solve problems of central ministries/top industries and win exciting cash prizes worth up to 2.5 crore along with an opportunity to get mentorship from top industry leaders.

## How to register for Smart India Hackathon 2019?

\*\*\*We strongly encourage all participating team members to begin their team registration process by downloading Smart India Hackathon SIH App from Google Play Store.

**Only 15 Teams (comprising 6 members each) from our university can participate in SIH 2019. It will be on first come first serve basis. And students need to submit their details to Coordinator IIC before/after registering for allotment of mentors and for issuing consent letters for uploading on registering. Last date for registration 20<sup>th</sup> of Jan, 2019.**

Please note:

1. Please note that the registration on SIH App and on our portal [www.sih.gov.in](http://www.sih.gov.in) are separate and both have to be completed.

2. **Registration of teams must be done by a Team Leader only.**

The registration process is simple.

All the TEAM LEADERS has to do is...

- Visit [www.sih.gov.in](http://www.sih.gov.in)
- Click on 'Register' button and create a login id for their respective team. Register for team registration.
- Fill all the required fields and upload your College Authority Letter in PDF format
- Once you click submit, the team leader and rest of the team members receive OTPs for verifying mobile numbers and email ids.
- The team leader will also receive an email verification link on his/her email id.
- Once all the details are added, click on 'Submit' button
- Your team registration will now go to your College SPOC for authentication. Teams will receive notification once SPOC completes authentication process. Notification will be via email as well as SMS to Team Leader You are now ready to make an idea submission. How should we 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 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.**
- Colleges MUST issue one College Authority Letter in the prescribed format for every team. The authority letter format can be downloaded from the top left hand side of the page where team registration page. The format of the letter is on next page.

## IMPORTANT LINKS

SIH 2019 Website : <https://www.sih.gov.in/sih2019>

SIH Website: <https://www.sih.gov.in/>

SIH FAQ : <https://www.sih.gov.in/faqs>

Team constitution guideline:

[https://www.sih.gov.in/pdf/Student\\_F](https://www.sih.gov.in/pdf/Student_F)

[AQs.pdf](#)

Problem statement website: <https://www.sih.gov.in/sih2019ProblemStatements>