

Smart India Hackathon 2024-25



Sinhgad Institute of Technology, Lonavala
Institution's Innovation Council
(IC201912236)



In association with

Computer Engineering Department

Organizing

"SMART INDIA HACKATHON 2024"

Winning Team will be awarded with **Rs. 100000/-**
per Problem statement.

For Details Visit to: <https://www.sih.gov.in/>

Date: **6 Sept 2024**

Time: **9.30 AM**

Venue: **IT Seminar Hall.**

Contact: **1. Project Coordinators of respective departments.**

2. Dr. M.S. Chaudhari – SPOC SIH2024 – 9284317762.

(Event Brochure)

Organized by: Institution's Innovation Council (IIC), SIT Lonavala

In association with: Computer Engineering Department

Date: 6th September 2024

Venue: IT Seminar Hall

Objective:

The **Institution's Innovation Council (IIC)** of Sinhgad Institute of Technology, Lonavala, in association with the **Computer Engineering Department**, successfully organized the **Internal Round of Smart India Hackathon 2024** on **6th September 2024**. The event aimed to identify innovative student projects, mentor them, and prepare them for participation at the national level of SIH.

Chief Guest & Coordinators:

- **Chief Guest:** *.Dr. M.S. Gaikwad , Campus Director STES Lonavala*
Dr. S.D. Babar, Principal, SIT Lonavala
- **Faculty Coordinators:**
 - *Dr. S.R. Patil – HOD, Computer Engineering*
 - *Dr. M.S. Chaudhari – Dean R&D, IIC Head & SPOC SIH 2024*
- **Student Coordinators:**
 - *Mr. Utkarsh Betale (SE A Comp)*
 - *Mr. Manas Kale (SE A Comp)*

Event Highlights:

The session began with the **address by Dr. M.S Gaikwad**, Campus Director STES, who motivated the participants to think innovatively and contribute to nation-building through their projects.

The IIC team explained the **mission and objectives of SIH**, which include:

- Discovering and mentoring promising projects into startups.
- Cultivating an entrepreneurial culture among students.

Project Sectors Introduced:

1. Health, Hygiene, and Happiness (3H)
2. Education
3. Agriculture
4. Environment
5. Innovation & Technology
6. Entrepreneurship / Skill Development

Participation:

- A total of **8 teams (40 individual participants)** registered and presented their ideas.
- Each team consisted of **5 members (including at least 1 female)**, as per SIH guidelines.

Evaluation & Process:

- Ideas were submitted using the **official SIH PPT template**.
- Evaluation criteria included **novelty, complexity, clarity, feasibility, impact, and potential**.
- Faculty mentors guided teams throughout the preparation phase.

Outcomes:

- Students gained insights into problem-solving, innovation, and entrepreneurship.
- Promising teams were mentored for further refinement of their ideas to align with SIH requirements.
- The event served as a platform for students to prepare for the national-level SIH selection process.

Impact & Feedback:

The program received an overwhelmingly positive response from participants. Students expressed enthusiasm about learning, collaborating, and competing at a higher level. The Chief Guest and faculty members appreciated the innovative approach of the teams and encouraged them to take their projects towards real-world implementation.

PHOTOGRAPHS



Dr.M.S Gaikwad delivering the speech



Dr.S.D Babar motivating the students.



Dr.M.S Chaudhari Guiding through the Program



Student pitching their Ideas.




One to one Guidance by the Judges.




Judges evaluating the presentation.

ATTENDANCE



Sinhgad Institutes

SINHGAD INSTITUTE OF TECHNOLOGY, LONAVALA
INSTITUTION'S INNOVATION COUNCIL



SMART INDIA HACKATHON 2024

ITC in Collaboration with Computer Department Organises Smart India Hackathon 2024

Problem Statement ID - 1715
 Problem Statement Title- AI tool/mobile app for Indian sign lang. generator from audio-visual content in English/Hindi to ISL content and vice-versa.
 Theme- AI & AI-enabled
 PS Category- Software
 Team Name- Tech Titans

| Sr no | Name Of Team Member | Signature |
|-------|--------------------------|--------------------|
| 1 | <u>Yashrajat Singh</u> | <u>[Signature]</u> |
| 2 | <u>Ashar</u> | <u>[Signature]</u> |
| 3 | <u>Ashish Sahu</u> | <u>[Signature]</u> |
| 4 | <u>Rishabh Raj Singh</u> | <u>[Signature]</u> |
| 5 | <u>KUMKUM</u> | <u>[Signature]</u> |
| 6 | <u>JHANAVI KASHYAP</u> | <u>[Signature]</u> |

Sinhgad Institutes

SINHGAD INSTITUTE OF TECHNOLOGY, LONAVALA
INSTITUTION'S INNOVATION COUNCIL

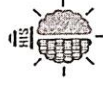
**INNOVATION
COUNCIL**
(Ministry of Education Initiative)


SMART INDIA HACKATHON 2024

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- Problem Statement ID - 1725
- Problem Statement Title- Utilization of images for monitoring of progress of construction
- Theme-Smart Automation Activities for building construction projects.
- PS Category- Software
- Team Name- Construct IQ.







| Sr no | Name Of Team Member | Signature |
|-------|---------------------|--------------|
| 1 | Varishan Gaikwad | V. S. G. |
| 2 | Manasi Bhaskar | M. Bhaskar. |
| 3 | Chetna Patel | C. Patel. |
| 4 | Shantanu Patil | S. Patil. |
| 5 | Shreyash Mandole | S. Mandole. |
| 6 | Vedika Chhimine | V. Chhimine. |



SMART INDIA HACKATHON 2024

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- Problem Statement ID - S3H1672
- Problem Statement Title- Develop a ML Model based solution to refine CAPTCHA
- Theme- Smart Automation
- PS Category- Software
- Team Name- Reh SITIany

| Sr no | Name Of Team Member | Signature |
|-------|---------------------|---|
| 1 | Gushant Gaidkaval |  |
| 2 | Gahi Patil |  |
| 3 | Prasad chothare |  |
| 4 | Sakshi Mishra |  |
| 5 | Prathamesh Jumar |  |
| 6 | Manasi Ahire |  |