



Dr. Vithalrao Vikhe Patil College of
Engineering,
Ahmednagar

Report of INTERNAL SMART INDIA
HACKATHON 2025

Organized by

Department of Electronics & Telecommunication
Engineering, Ahmednagar

On

12th September, 2025

Time: 11:00 Am



INTERNAL SMART INDIA HACKATHON 2025

Enclosure:

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- 2. About the Problem statement**
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1.

About the Event

On 12th September 2025, an Offline **Internal Smart India Hackathon 2025** was organized by the **Department of Electronics & Telecommunication Engineering**, at **Dr Vitthalrao Vikhe Patil College of Engineering, Ahmednagar**. **Total 34 teams** have been participated in Internal SIH 2025 from entire College.

The objective of the event was to enlighten the students with the challenges of Software and Hardware Edition. The objective of this Internal Hackathon was to scrutinize the solutions provided by team members for different problem statements listed by multiple organizations and Ministries of India. This helped students to understand the problem with different perspectives and to come up with a proper solution. The goal of this Internal Hackathon was to prepare the student teams for national level Smart India Hackathon 2025.

Smart India Hackathon 2025 is a nationwide initiative to provide students a platform to solve some Innovative and relevant problems that we face in our daily lives, and thus inculcate a culture of product innovation and a mindset of problem solving. In the last 5 to 6 years, SIH has evolved into the world's Largest Open Innovation Model to solve some of the pressing problems we face in our daily lives, and thus inculcate a culture of product innovation and problem solving mindset. Moreover, the Hon'ble Prime Minister of India has applauded the SIH initiative on multiple occasions which has helped to kick-start the hackathon culture in India. The previous editions of SIH have proven to be extremely beneficial for the students in establishing startups and employment opportunities in various organizations.



2. About the Problem Statement

The Internal #SIH 2025 was a great success. The students were enthusiastic and creative, and they came up with some innovative solutions to the problem statements. The judges were impressed with the quality of the solutions, and they were confident that the students would be successful in the national-level hackathon.

The Internal SIH 2025 was a valuable learning experience for the students. It helped them to develop their problem-solving skills, to work collaboratively, and to think creatively. The event also helped to foster a culture of innovation and entrepreneurship among the students.

Themes/Problem statements Internal Smart India Hackathon of SIH 2025 -

1. Blockchain-Based Blue Carbon Registry and MRV System
2. "Gamified Environmental Education Platform for Schools and Colleges 2)Secure Data Wiping for Trustworthy IT Asset Recycling
3. Smart Curriculum Activity & Attendance App
4. One -Stop Personalized Career & Education Advisor
5. SMART WASTE SEGREGATION AND RECYCLING SYSTEM
6. CYBER AWARENESS GAMIFICATION PLATFORM
7. Empowering financial literacy among indian students and family with AI insights and UPI integration
8. Smart Tourist Safety Monitoring & Incident Response System using AI, Geo-Fencing and Blockchain - based Digital ID
9. Automated students attendance monitoring and analytics systems for college

10. AI-Based Rockfall Prediction and Alert System for Open-Pit Mines
11. Intelligent Pesticide Sprinkling System Determined by the Infection Level of a Plant
12. Automated Student Attendance Monitoring and Analytics System for Colleges
13. Design an implementation of solar powered dewatering in mining operations
14. Smart Curriculum Activity & Attendance App
15. Real-Time Public Transport Tracking for Small Cities
16. Digital Health Record Management System for migrant workers in Kerala aligned with sustainable development goals.
17. Smart Tourist Safety Monitoring & Incident Response System using AI, Geo-Fencing, and Blockchain-based Digital ID
18. "Development of a Digital Mental Health and Psychological Support System for Students in Higher Education"
19. "disaster preparedness and response education system for schools and colleges
20. Student Innovation
21. Crowd sourced Civic Issue Reporting and Resolution System
22. Telemedicine access for rural healthcare
23. Students Innovation
24. AI-Based Crop Recommendation for Farmers
25. Student Innovation(Bio waste Management)
26. Real-Time Public Transport Tracking for Small Cities
27. Smart Tourist Safety Monitoring & Incident Response System using AI, Geo-Fencing, and Blockchain-based Digital ID
28. Automated Student Attendance Monitoring and Analytics System for Colleges
29. Smart Tourist Safety Monitoring & Incident Response System using AI, Geo-Fencing, and Blockchain-based Digital ID
30. AI-Driven Train Induction Planning & Scheduling for Kochi Metro Rail Limited (KMRL)
31. Automated Attendance System for Rural Schools
32. Smart traffic management system for urban connection
33. Image based Animal type Classification for cattle and buffaloes'
34. Real time public Transport Tracking for small cities

Awareness Session of Smart India Hackathon 2025

The awareness session of Smart India Hackathon (Internal Hackathon) 2025 was conducted on the 8th Sept. 2025 from 3:00 PM to 4:00PM, in Seminar Hall ,College

Campus by SPOC (Asst.Prof. Lokhande J.A and HOD E&TC Dr. A.K Patil) of Dr.Vitthalrao Vikhe Patil College of Engineering, Ahmednagar.

The awareness session of the Smart India Hackathon 2025 proved to be a resounding success. This session effectively enlightened students about the Smart India Hackathon, providing them with a comprehensive understanding of its objectives, challenges, and opportunities. Participants left the session well-informed and motivated as their queries were answered during the session. The session was attended by 210 students.



Poster and Registration Form Details



SMART INDIA HACKATHON 2025



**Dr. Vitthalrav Vikhe Patil
College of Engineering**
Conducting Internal Hackathon
for SIH- 2025
-Organised by E&TC Dept.
Date:- 12/09/2025 , Friday
Time:- 10:00 AM

INTERNAL HACKATHON – 2025
VENUE :- Seminar Hall,
D. V . V . P. College of Engineering
Ahmednagar - 414111

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Registration Form Link- <https://forms.gle/V2eHpyhtBVffXzta7>



3. **Photos of the event organized**

Inauguration of Smart India Hackathon 2025

The inauguration session was held on 12th September 2025 at 10:00 AM in FF12 Classroom E & TC Dept., Dr.Vitthalrao Vikhe Patil College of Engineering, Ahmednagar. The inauguration session was initiated by Dr.A.K.Patil, HOD of Electronics & Telecommunication who gave detailed guidelines about SIH 2025.

The Inauguration of the program was done by Dr.A.K.Patil, HOD of Electronics & Telecommunication where she has motivated the students by giving detailed knowledge of Hackathon and problem-solving skills.

Participating Teams







Participant Teams presenting their solutions





Pimpalgaon Malvi, Maharashtra, India 🇮🇳
5mjg+hpp, Vilad Ghat, Pimpalgaon Malvi, Maharashtra 414111, India
Lat 19.18152° Long 74.68947°
12/09/2025 11:08 AM GMT +05:30

GPS Map Camera



Pimpalgaon Malvi, Maharashtra, India 🇮🇳
5mjg+hpp, Vilad Ghat, Pimpalgaon Malvi, Maharashtra 414111, India
Lat 19.181533° Long 74.689481°
12/09/2025 11:56 AM GMT +05:30

GPS Map Camera



Ahmadnagar, Maharashtra, India 🇮🇳
5mjg+gv5, Near Vikhe College, Vilad Ghat, Ahmadnagar, Maharashtra 414111, India
Lat 19.181275° Long 74.689317°
12/09/2025 11:01 AM GMT +05:30

GPS Map Camera

4.

Judging Process

**Judging Assessment Form- Internal Smart India
Hackathon 2025**

Sr. No	Group ID	Title of the team	Name of Team Leader	Evaluation Criteria				
				Appropriateness of the Proposed Solution to the Problem Statement (20M)	Innovativeness of the Proposed Solution (20M)	Technical Strength of the Team for Implementation (10M)	Total Marks	Remarks

5.**Jury Panel Details**

Sr. No.	Name of Judge	Designation & Department	Domain
1	Prof. A.R. Landge	Professor E&TC	VLSI
2	Prof. C.K. Kalwade	Professor E&TC	Microcontroller & Embedded RTOS
3	Prof. A.U. Vikhe	Professor E&TC	Data Science
4	Prof. J.P. Botkar	Professor E&TC	Machine Learning
5	Prof.M.B.Avhad	Professor E&TC	IOT
6	Prof . P.S.Kharde	Professor E&TC	Deep Learning
7	Prof.S.B. Joshi	Professor E&TC	DSA
8	Prof.P.H.Joshi	Professor E&TC	Artificial intelligence
9	Prof.V.L.Bade	Professor E&TC	Computer Networks

6.**Nominated top teams****Top 5 Teams against Problem Statement**

Sr.No	Group ID	Title of the team	Name of Team Leader
1	1	Team Spark	Kalpita Ravindra Jare
2	2	DATA DOMINATORS	MISBA SAMIR PATHAN
3	3	Tech Titan	Prathmesh chaurse
4	4	Team Nexus	Sushant Markad
5	5	SMART HEX	DESHPANDE SIDDHI MALHAR

7.

Participation Statistics

Sr. No.	Participant Details	No. of Participants
1.	Boys	89
2.	Girls	115
	Total Participants	204

Total no. of teams participated = 34

Responses Database -

<https://shorturl.at/Bpn8e>

Social Media Links -Event's Promotion

<https://www.facebook.com/100057085764223/posts/1308391701073676/?mibextid=rS40aB7S9Ucbxw6v>



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Prof.Jyoti A.Lokhande
SIH Coordinator

Dr.Anita .K.Patil
HOD E & TC Dept.

Dr.Ravindra R.Navthar
Principal