



MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE

(UGC-AUTONOMOUS)

Angallu (V), Madanapalle-517325, Andhra Pradesh

SMART INDIA HACKTHON-2025 INTERNAL EEE Report

Activity Details

Program Driven By : Calendar
Quarter : I/II/III/ IV
Date & Time : 16/09/2025 10.00AM-4.00PM
Duration : 6 hours
Activity Category : Hackathon
Theme : Innovation
Session Mode : Offline
Targeted Audience : II /III / IV-Year Department Students
No of Participants : 7

Objective

- 1.Solve real-world problems** — connect students with industry/government challenges and produce practical solutions.
- 2.Encourage innovation & creativity** — foster out-of-the-box thinking using modern technologies.
- 3. Promote productization** — move beyond prototypes toward deployable products and MVPs.
- 4.Build industry–academia collaboration** — create direct links between students, mentors, startups and corporates.
- 5. Develop employable skills** — strengthen coding, system design, teamwork and project management abilities.
- 6.Support entrepreneurship** — identify ideas that can become startups or spin-off projects.

Resource Person Details

Name : Dr.Vineet Kumar
Designation : Asst professor
Company Address : MITS, Madanapalle
Field of Expert : Research and Teaching
Experience : 2



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Name : Dr. Sovith Kumar
Designation : Assistant professor
Company Address : MITS, Madanapalle
Field of Expert : Research and Teaching
Experience : 4

Summary

The Smart India Hackathon (SIH) is a nationwide initiative launched by the Government of India to provide students with a platform to solve pressing problems faced by industries, government departments, and society. It encourages innovation, creativity, and problem-solving skills by challenging young minds to develop digital and hardware solutions.

Since its inception, SIH has emerged as the world's largest open innovation model, engaging lakhs of students, mentors, and experts across diverse domains. The hackathon promotes collaboration between academia, industry, and government, enabling participants to gain hands-on experience while contributing to real-world impact.

Through SIH, students not only enhance their technical and entrepreneurial skills but also contribute to building deployable and sustainable solutions. It fosters a culture of innovation, nurtures startup ideas, and supports India's vision of becoming a global hub for technology and innovation.

Event Photos





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Key Outcome of the Activity

- 1. Innovative Solutions:** Development of practical and cost-effective digital and hardware solutions for real-world problems.
- 2. Industry–Academia Collaboration:** Stronger partnerships between students, industry experts, and government organizations.
- 3. Skill Development:** Enhanced coding, design, teamwork, and problem-solving skills among participants.
- 4. Startup Opportunities:** Many hackathon ideas evolve into startups and entrepreneurial ventures.
- 5. Employment Opportunities:** Participants gain exposure to recruiters, internships, and job offers through SIH.
- 6. Social Impact:** Solutions addressing healthcare, education, agriculture, energy, and governance challenges benefit society.

Presentations:

Sl No	Team Name	Team Leader	SIH ID
1	Ohm Rangers	M .Ayesha	SIH25119
2	Tech Instruments	K.Deesha	SIH25058
3	Fake currents	B.Vishnupriya	SIH25001
4	JGSP	V.Thamas	SIH25121
5	VISION 4	A.Jyoshna	SIH25131
6	Spark creators	A.Venkatesh	SIH25116
7	The pioneers	B.Chandana	SIH25113
8	Gauralshak	G.Amrutha	SIH25111
9	Techno minds	D.Vijaya kumar	SIH25019
10	Techno Volts	G.keerthi Chaitanya	SIH25015
11	Indi Tech	S.Mohammad Basha	SIH25037
12	Kanyarasi	C.Kartheek	SIH1596
13	Edge Innovators	S.Reddy Neeraja	SIH25118



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SGD's Mapping:

SGD 1: Participation and Engagement

SGD 2: Innovation Outcomes

SGD 3: Skill Development

SGD 4: Knowledge sharing

SGD 5: Recognition and Motivation

Feedback

The Smart India Hackathon has been a highly impactful initiative, offering students an excellent platform to showcase their technical knowledge, creativity, and problem-solving skills. It effectively bridges the gap between academia and industry by encouraging participants to work on real-world challenges, thereby preparing them for professional environments.

Participants appreciated the mentorship and guidance provided by industry experts and government representatives, which helped them refine their ideas into practical solutions. The hackathon environment fostered teamwork, innovation, and healthy competition, enabling students to gain confidence and hands-on experience in product development.

Overall, the initiative has successfully nurtured a culture of innovation across campuses, inspired entrepreneurial thinking, and contributed to building solutions with tangible societal and industrial impact. Continued efforts to support post-hackathon incubation and implementation of winning ideas will further strengthen its outcomes.