



Ministry of
Education
Government of India



MoE's
INNOVATION CELL
(GOVERNMENT OF INDIA)



SMART INDIA
HACKATHON
2025



GSFC
UNIVERSITY
EDUCATION RE-ENVISIONED

Report on
**Internal Hackathon for
Smart India Hackathon (SIH) 2025**
organized by
GSFC University, Vadodara, Gujarat
20.10.2025

01. About the Event & Participation Statistics

The Smart India Hackathon (SIH) is a nationwide initiative to provide students with a platform to solve some of the pressing problems we face in our daily lives, thereby inculcating a culture of product innovation and a mindset of problem-solving.

At GSFC University, we conduct an Orientation and FAQ session to spread awareness about SIH among new students, encourage them to participate, and address their queries. Past edition winners and finalists from GSFC University guided the students on how to prepare effective idea presentations. The session was conducted on 10th September 2025.

GSFC University conducted its Internal Hackathon on 20th September 2025. The event was designed to bring together bright young minds, give them a stage to showcase their skills, and most importantly, to nurture the spirit of teamwork, innovation, and problem-solving. A total of **46 teams were registered** and **42 teams participated** in the internal hackathon. A total of **252 students** had participated among them **111 were female** and **141 were male students**.

02. About the Problem Statement

Students selected a total of **39** problem statements from the official SIH portal. Out of these, **32** were software challenges and **7** were hardware challenges. The problem statements spanned across 15 crucial themes like Agriculture, FoodTech and Rural Development, Blockchain and Cybersecurity, Clean and Green Technology, Disaster Management, Fitness and Sports, Healthcare, MedTech, BioTech and HealthTech, Renewable and Sustainable Energy, Robotics and Drones, Smart Automation and Smart Education, Space Technology, Student Innovation, Toys and Games, and Transportation and Logistics.

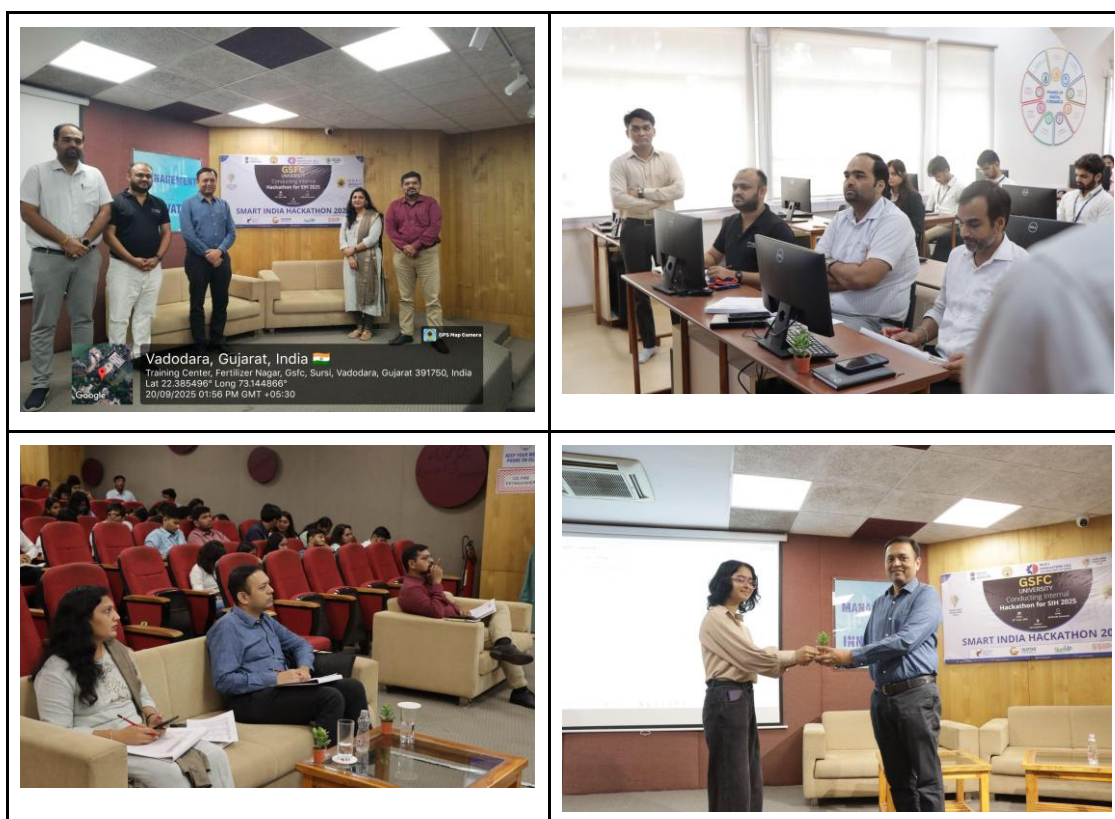
It is worth noting that for some of the popular problem statements, such as those related to mental health and student innovation, more than one team chose to compete. This reflects the relevance of these issues.

03. Jury Panel

There were six jury members, four from industry and two from academia. The details of the jury members is as follows.

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1. Mr. Vrajesh Jaiswal, Associate Technical Architecture at Rishabh Software & Core team member of AWS User Group Vadodara
2. Mr. Hardip Patel, Senior Software Engineer at Atyantik & Core team Member of Google Developer Group Baroda
3. Mr. Bhuvan Vyas, Manager, GUIITAR Council
4. Mr. Amit Duggal, Senior Executive, GUIITAR Council
5. Dr. Amarnath Singh, Professor, GSFC University
6. Dr. Bhoomi Shah, Asst. Professor, GSFC University



04. Event schedule

The Internal Hackathon event schedule is as follows

Sr. No.	Activity	Timing	Duration
1	Welcoming dignitaries -MoC	10:00 pm – 1:02 am	2 Min
2.	Motivational Address by the Provost - Prof G. R. Sinha	10:02 am – 10:07 am	5 Min
3.	Felicitation of Guests	10:07 pm – 10:12 am	5 Min

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4.	Internal Round Presentation - Track 1 SoT Auditorium	10:30 am - 3:30 pm	5 Hrs : 00 Min
	Internal Round Presentation - Track 2 Cyber Security Lab		
5.	Vote of Thanks by Faculty Coordinator, SIH College SPoC	3:35 pm - 3:40 pm	5 Min

05. Judging Process

To ensure fairness and depth in judging, the hackathon was organized into **two tracks**, with **23 teams in each track**, grouped based on the themes of their problem statements. The jury was also divided accordingly into **two panels of three members each**, according to the expertise required for the themes.

The evaluation was not just about how well the students presented their solution and prototype, but about how far their ideas could go in creating real impact. The following are the evaluation parameters:

- Novelty of Idea
- Complexity and Clarity of Idea
- Feasibility and Sustainability
- Scale of Impact
- User Experience
- Potential for Future Work and Progression

The jury didn't just score projects they shared valuable suggestions, helping students see how their ideas could be refined and taken to the next level.

Event was successfully conducted. All teams have presented their best work. From this team Jury has qualified **37 teams**.

06. Nominated Top Teams

Toal **37 teams shortlisted** teams are placed in order of performance, starting with the top-performing teams. Teams with lower scores, while not shortlisted, were still appreciated for their effort, creativity, and teamwork

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Sr No	Theme	Category	Problem Statement	Team Name	Team Leader Name
1	Renewable/Sustainable Energy	Hardware	Renewable Energy Monitoring System for Microgrids	Solaris Nexus	Patel Dishti
2	Smart Education	Software	Blockchain-Based Skill Credentialing System	Hexagon	Chandraveer Singh Solanki
3	Agriculture	Hardware	Implementation of Smart agriculture for efficient cultivation in hilly regions	GrowBotics	Drashti Tilva
4	Smart Education	Software	Smart Classroom & Timetable Scheduler	The Codesmiths	Rudraksh Patel
5	MedTech / BioTech / HealthTech	Software	Development of a Digital Mental Health and Psychological Support System for Students in Higher Education	TEAM KANHA	JADIYA SAKSHI HITESHKUMAR
6	Space Technology	Hardware	Student Innovation	Cosmo Crawlers	Ateeb Ahmed
7	MedTech / BioTech / HealthTech	Software	Student Innovation Swadeshi for Atmanirbhar Bharat	Alt f4	Shah Harsh Keyur
8	Transportation & Logistics	Hardware	AI based development of Laser based QR Code marking on 'track fittings on Indian Railways	QRail	Tejas Mistry
9	Renewable / Sustainable Energy	Hardware	Renewable Energy Monitoring System for Microgrids	IntelliGrid	Shah Preksha Dhwanikumar
10	Smart Education	Software	Automated Attendance System for Rural Schools	The InnovatEers	RATHOD NIRANJAN KUMAR MAHENDR ASINH
11	Disaster Management	Software	Disaster Preparedness and Response Education System for Schools and Colleges	Innovate X	Brahmbhatt Sneha

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Sr No	Theme	Category	Problem Statement	Team Name	Team Leader Name
12	Toys & Games	Software	Student Innovation- Gamified Platform for physically disable kids	SheCodes	Poonam Gupta
13	Miscellaneous	Software	AI and ML enabled video analysis and interpretation	Quantum Quants	Ravi Vyas
14	Transportation and logistics	Software	Maximizing section throughput using AI powered precised train traffic control	Railsutra	Aksha vahora
15	Blockchain & Cybersecurity	Software	Develop a blockchain-based system for botanical traceability of Ayurvedic herbs, including geo-tagging from the point of collection (farmers/wild collectors) to the final Ayurvedic formulation label.	CarbonAtoms	Prince Kamble
16	Transportation & Logistics	Software	Real-Time Public Transport Tracking for Small Cities	BinaryBrain_5	Yahya Bodgam
17	Health Tech/Med Tech	Software	AI-Driven Public Health Chatbot for Disease Awareness	Team Algoforce	Krish Patel
18	Smart Automation	Software	Authenticity Validator for Academia	Core Coders	Het Vaghela
19	Miscellaneous	Software	FloatChat - AI-Powered Conversational Interface for ARGO Ocean Data Discovery and Visualization	Infinity	Arya Shah
20	Smart Education	Software	Automated Student Attendance Monitoring and Analytics System for Colleges	Trackademy	Uday Jayswal
21	ROBOTICS AND DRONES	Hardware	Student Innovation	Next-gen Enhanced Tactical Recon & Autonomy –	NISHTHA BERAWALA

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Sr No	Theme	Category	Problem Statement	Team Name	Team Leader Name
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22	Smart Education	Software	Student Innovation	Metaminds	Lavanya Jain
23	Smart Education	Software	One-Stop Personalized Career & Education Advisor	HopeSpark	Yesha Parwani
24	Transportation & Logistics	Software	Real-Time Public Transport Tracking for Small Cities	Schrödinger's Cat	Raj B Prajapati
25	MedTech/BioTech/ HealthTech	Software	AI-Driven Public Health Chatbot for Disease Awareness	PulseAi	Prayag shah
26	Agriculture, Food tech and Rural development	Software	AI based crop recommendation for farmers	Tech Underdog	Rushita Pawar
27	Smart Education	Software	Automated Student Attendance Monitoring and Analytics System for Colleges	Presence IQ	Patel Rudrakumar Prashantbhai
28	MedTech / BioTech / HealthTech	Software	Telemedicine Access for Rural Healthcare in Nabha	Telecure	Dhruva Vaghela
29	Smart Education	Software	One-Stop Personalized Career & Education Advisor	CareerXplorers	Somanshi Jain
30	ROBOTICS AND DRONES	Hardware	STUDENT INNOVATION	YAGYA-YEILDING AUTOMATED GUARD FOR YOUTH ASSISTANCE	VISHVA ZALA
31	SMART EDUCATION	Hardware	STUDENT INNOVATION	SHREEDHA	PRIYANSHI KHARVA

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Sr No	Theme	Category	Problem Statement	Team Name	Team Leader Name
32	Agriculture, FoodTech & Rural Development	Hardware	Intelligent Pesticide Sprinkling System Determined by the Infection Level of a Plant	Team 7	Ayaan Karbhari
33	Fitness & Sports	Software	Ideas that can boost fitness activities and assist in keeping fit.	HexaV	Manav Mistry
34	Healthcare	Software	Comprehensive cloud based practice management and nutrient analysis software for ayurvedic dieticians, tailored fro ayurveda focused diet plans	Codeveda	Swayam Parmar
35	MedTech /BioTech/ HealthTech	Software	Student Innovation	Freedom Shield	Aryan Parmar
36	MedTech/ BioTech/ HealthTech	Software	Development of a Digital Mental Health and Psychological Support System for Students in Higher Education	Byte forge	Chetan Mahajan
37	MedTech/ BioTech/ HealthTech	Software	With healthcare trends evolving rapidly and populations growing, the demand for innovative, technology-driven solutions is stronger than ever. Our project introduces an AI-powered model that analyzes DNA sequence data to predict a person's disease risk level (low or high), supporting early diagnosis and preventive healthcare.	MediPredictors	Rudra Chauhan

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Sr No	Theme	Category	Problem Statement	Team Name	Team Leader Name
38	Transportation & Logistics	Software	Smart Traffic Management System for Urban Congestion	PathPilot - Sarathi	Arya Shah
39	Miscellaneous	Software	Identifying Taxonomy and Assessing Biodiversity from eDNA Datasets	BioinfoBytes	Anushka Srivastava
40	Clean & Green Technology	Software	Crowdsourced Civic Issue Reporting and Resolution System	Nova	PATEL DARSHAN HIMTESHK UMAR
41	Clean & Green Technology	Software	Real life solutions for Waste Management.	Crezia	Vraj rabadiya
42	Transportation & Logistics	Software	Maximizing Section Throughput Using AI-Powered Precise Train Traffic Control	Cranium	Vidur Shah

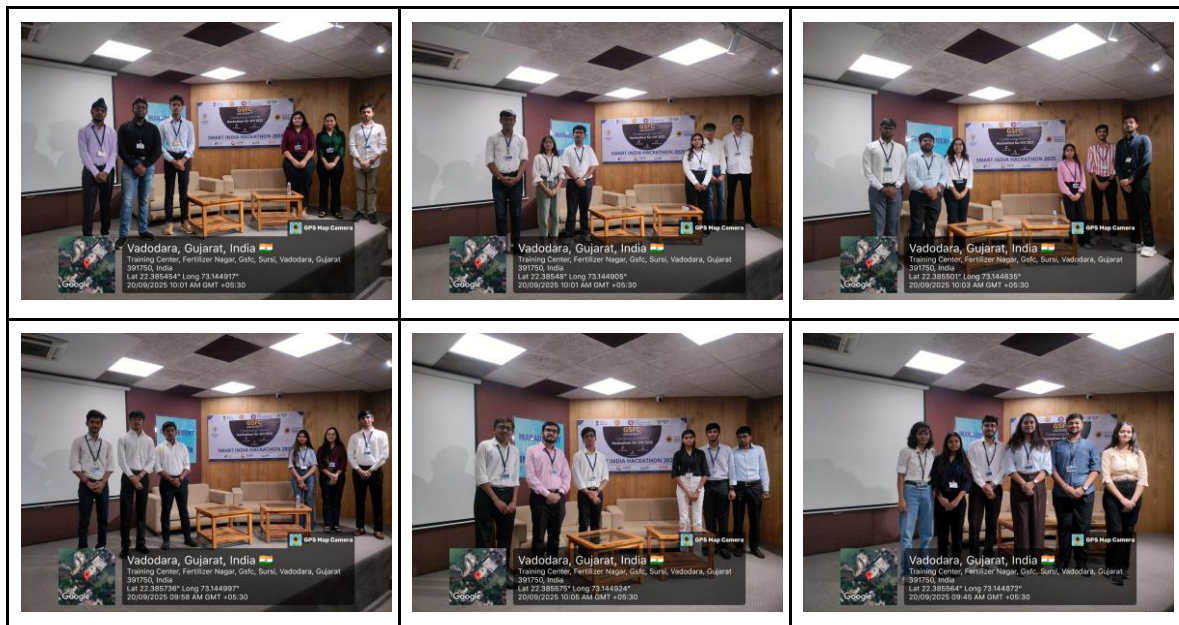
07. Glimpse of Event:



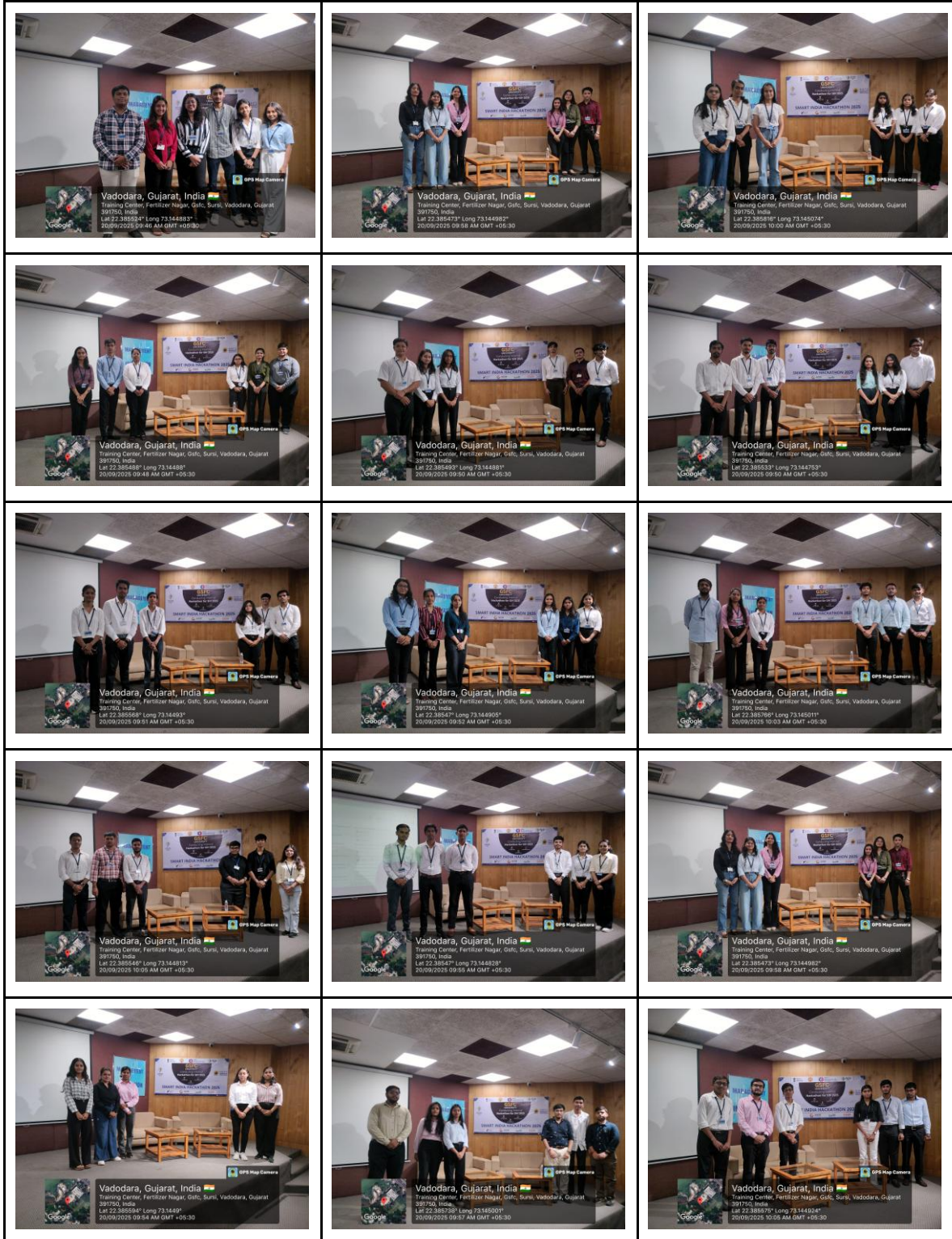
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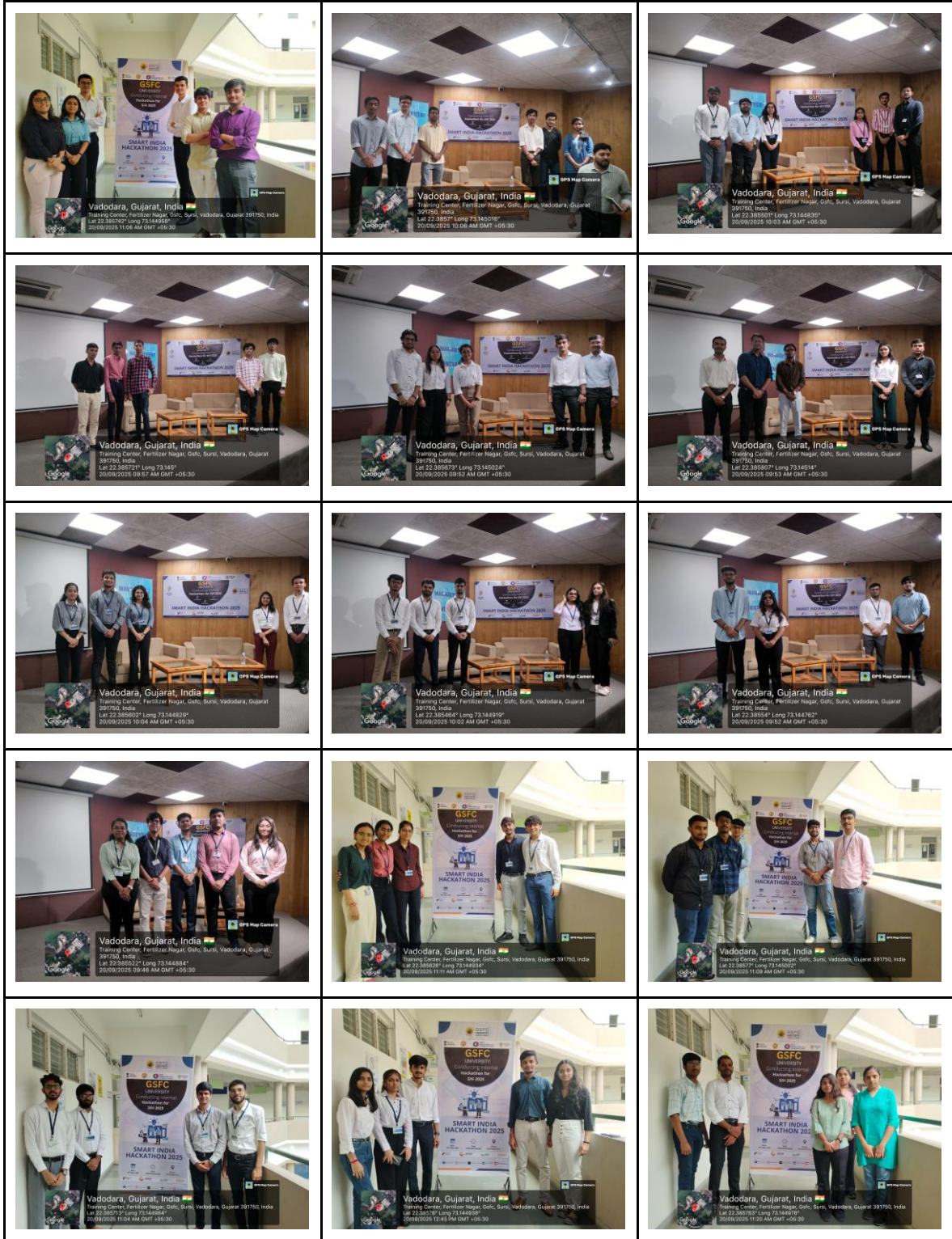
08. Participated Teams



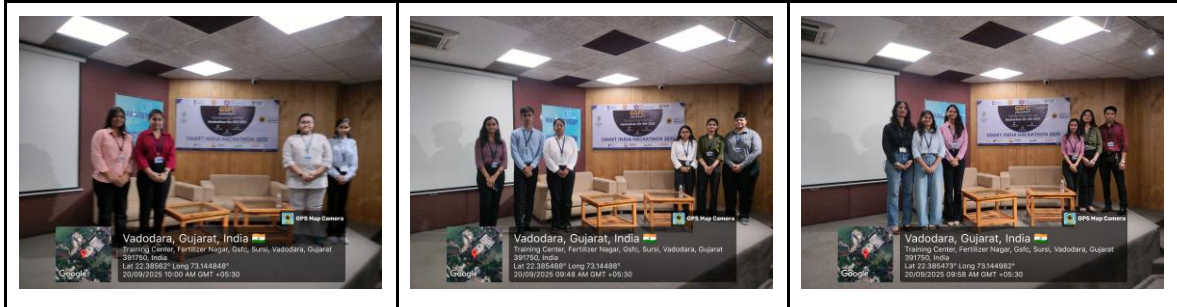
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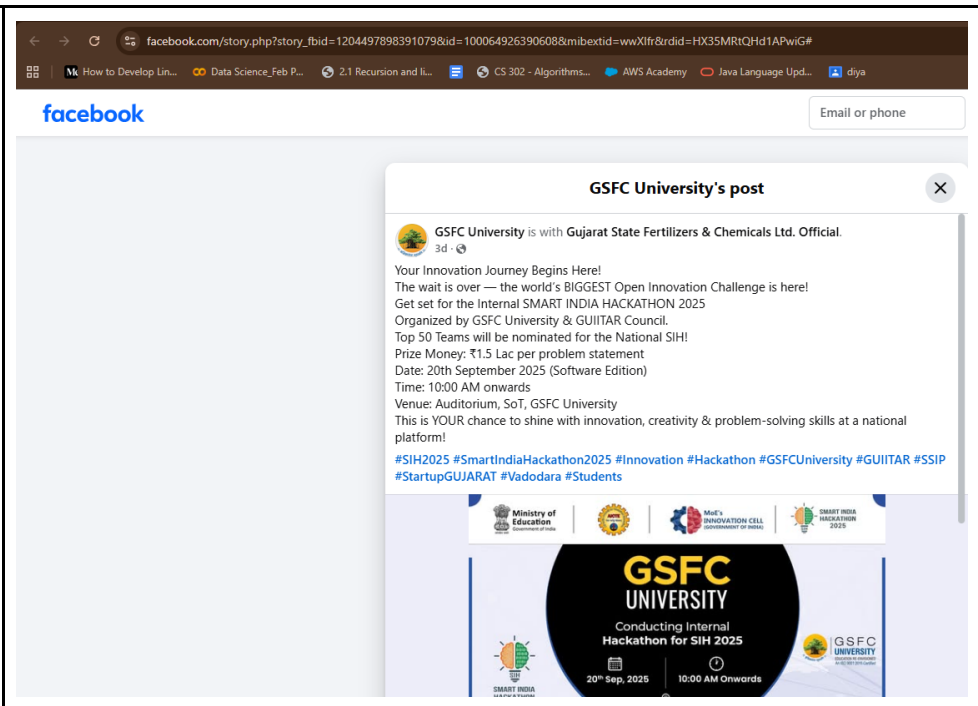

Google Drive Link:

<https://drive.google.com/drive/folders/1Q7wHy51NpBOIM5MGWFWiLOIFR4iITDSJ?usp=sharing>

09. Social Media Links

<p>LinkedIn</p>	<p>https://www.linkedin.com/posts/gsfconiversity_sih2025-smartindiahackathon2025-innovation-activity-7374678329162924032-e4LW?utm_source=share&utm_medium=member_desktop&rcm=ACoAAAm1iicBjzXjTVtw2W8_fJ70yWDBdQMkMgk</p>
<p>Facebook</p>	<p>https://www.facebook.com/story.php?story_fbid=1204497898391079&id=100064926390608&mibextid=wwXlfr&rdid=HX35MRtQHd1APwiG#</p>

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Instagram	<p>https://www.instagram.com/p/DOxblghE756/?igsh=X2E1akt2MTR6</p> 
X	<p>https://x.com/gsfconiversity/status/1968913453747191953?s=48</p>

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10. Conclusion

The Internal Hackathon at GSFC University was not just a competition, but a celebration of innovation, creativity, and collaboration. With 42 teams and 252 students showcasing their talent, the event reflected the energy and potential of our young minds to solve real-world challenges across diverse domains. The active participation of students, the guidance of faculty mentors, the support of management, and the dedication of our volunteer team together made this event a grand success.

As 37 shortlisted teams now move forward to represent GSFC University at the **Smart India Hackathon 2025** screening round, we carry with us immense pride and confidence in their ability to create impactful solutions for the nation. This is only the beginning of their journey as innovators, problem-solvers, and future leaders.