



Event Report

- 1. Name of Event:** Internal Hackathon for Smart India Hackathon (SIH) 2023
- 2. Nature of the Event:** Hackathon
- 3. Date:** 27th Sep, 2023
- 4. Time:** 10:00 A.M. to 05:00 P.M.
- 5. Venue:** Auditorium, School of Technology, GSFC University
- 6. Organized by:** GSFC University, GUITAR Council, SSIP, Start-up Gujarat Cell & Institution's Innovation Council
- 7. Number of Participants:** 114
- 8. State Govt. Role:**
 - a) SSIP 2.0: Funding Support
 - b) IC, GoG: To promote event

9. Event Details:

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, and thus inculcate a culture of product innovation and a mindset of problem-solving.

The internal Hackathon was conducted on 27th September 2023. A total of twenty-eight teams were registered and nineteen teams participated in the internal hackathon. A total of 114 students had participated among them 42 were female and 72 were male students. A total of eighteen teams are shortlisted by the jury members. There were six jury members, four from industry and two from academia. The details of the jury members are as follows.

1. Mr. Akash Kurup, Manager - Technology and Digital Marketing, ALOIS Solutions
2. Mr. Anant Acharya, Co-Founder, OCTO Advisory
3. Mr. Jekishan Parmar, Head of Sales & Technology, Aver India Equipment
4. Mr. Rudresh Vyas, Head Education, Engg. Technique
5. Dr. Saroj Shekhawat, CEO, GUITAR Council
6. Ms. Archana Magare, Asst. Professor, GSFC University
7. Mr. Kirankumar Parmar, Sr. Manager, GUITAR Council



Internal Hackathon event schedule is as follows:

Sr. No	Time	Team ID	Theme	Problem Statement	Team Name
1	1:20 - 1:30	ISIH-01	MedTech / Biotech/ HealthTech	A software that suggests drugs and formulations for a disease/pharmacological property based on the Ayurvedic classical books/Repositories	Med bot
2	1:32 - 1:42	ISIH-02	Smart Automation	Language translator tool to convert English to Hindi (official Language) which can be used by all the government organizations websites officially.	Vampire
3	1:44 - 1:54	ISIH-03	Robotics and Drones	Drone-based surveillance system for the vessels plying in port areas and encroachments	Recon Raptors
4	1:56 - 2:06	ISIH-04	Renewable/Sustainable energy	Development of Small Scale Wind energy device	Alpha
5	2:08 -2:18	ISIH-05	Agriculture, Foodtech & Rural Development	Air and water quality index and environment monitoring	Bug Busters
6	2:20- 2:30	ISIH-06	Agriculture, FoodTech and Rural Development	App-Based solution to identify and solve disease in plants/crops.	Tech Titans
7	2:32 - 2:42	ISIH-07	Agriculture and Rural Development:	a. Crop management and yield prediction systems. b. Farmer advisory apps for crop health and market information. c. Solutions for post-harvest management and storage.	Arnav ki Team
8	2:44 - 2:54	ISIH-08	Smart Vehicles	Real-Time Vehicle Tracking system (SIH-1382)	Heckers
9	2:56 - 3:06	ISIH-09	Smart automation	Chatbot based helpdesk for govt employees and departments	Byte bites
10	3:08 -3:18	ISIH-10	Smart automation	Vehicle detection system using python open cv is an efficient project to detect movement of vehicles on a highway	Elite



11	3:20 - 3:30	ISIH-11	Miscellaneous	Speech to text transcription for Indian languages. The problem entails transcription in the native script and then translation to English. The languages of interest are Hindi, Indian English, Urdu, Bengali, Punjabi	Geeks1
12	3:32- 3:42	ISIH-12	MedTech / BioTech / HealthTech	Identification of Different Medicinal Plants through Image Processing Using Machine Learning Algorithms	Clumsy Coders
13	3:44 - 3:54	ISIH-13	MedTech/BioTech/HealthTech	Computerized cognitive Retraining Program for Home training of Children with Disabilities.	Big Brainz
14	3:56 - 4:06	ISIH-14	Clean and Green Technology	Pro Planet Person App	Hello World
15	4:06 - 4:16	ISIH-15	AI Based Water Well Predictor	To predict if the location is suitable of water well construction or not.	Team_Hacksmith
16	4:18 - 4:28	ISIH-16	Fitness & Sports	Ideas that can boost fitness activities and assist in keeping fit	Bit-404
17	4:30 - 4:40	ISIH-17	Heritage & Culture	Developing solutions to effective market linkage and promotion of One District One Product	Cultural Coders
18	4:42 - 4:52	ISIH-18	Transportation & Logistics	Dashboard for real-time monitoring of construction projects.	Go Green
19	4:54 - 5:04	ISIH-19	Smart Education	Student dropout analysis for school education.	Resolvers
20	5:06 - 5:16	ISIH-20	water footprint calculator	calculating water footprint for daily use items using digital technology	Psycho 5
21	5:18 - 5:28	ISIH-21	Smart education	Making career choices and AI based counselling accessible to every child at secondary level along with aptitude tests and detailed career paths.	Hexadeck
22	5:30 - 5:40	ISIH-22	Smart Vehicles	Real Time Vehicle Tracking System	Mavericks
23	5:42 - 5:52	ISIH-23	Blockchain & Cybersecurity	Blockchain-based eVault system for legal records	CODE_CRAFTERS



24	5:54 - 6:04	ISIH-24	Smart Education	Using technology to develop a moving/mobile education system/software or equipment so that the children of nomadic communities such as Bakarwals /Gujjars can have proper education at least till primary.	EN-GENIUS
25	6:06 - 6:16	ISIH-25	Education and e- learning	Education and E-Learning: a. Interactive and gamified e-learning platforms. b. Tools for teacher-student collaboration in virtual classrooms. c. Online examination and assessment platforms.	Kings
26	6:18 - 6:28	ISIH-26	Smart Education	Using technology to develop a moving/mobile education system/software or equipment so that the children of nomadic communities such as Bakarwals /Gujjars can have proper education at least till primary.	Evolvenation
27	6:30 - 6:40	ISIH-27	Blockchain & Cybersecurity	Create an intelligent system using AI/ML to detect phishing domain which imitate look and feel of genuine domains	WebCheck
28	6:42 - 6:52	ISIH-28	Cultural heritage and traditions of India.	Developing solutions to effective market linkage and promotion of One District One Product	ByteBrigade

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

Team: Geeks



Team:: Big Brainz



Team: Recon Raptors



Team: Mavericks



Team: Clumsy Coders



Team: Vampire



Team: Hexadeck



Team: WebCheck



Team: The A-Team



Team: Med Bot



Team: Evolventation



Team: Team_Hacksmith



Team: Bug Busters



Team: Bit-404



Team: Code-Crafters



Team: Tech Titans



Team: Psycho 5



Team: Hello World



Team: Cultural Coder

