

**Academic Year: 2024-25 (Sem-I)**

**Name of Event: Internal Hackathon for Smart India Hackathon (SIH-2024)**

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- 1) Date of Event:** 10/09/2024
- 2) Duration:** 2:00 PM to 5:00 PM
- 3) Place of Event:** International Institute of Information Technology (I²IT), Pune

### **REPORT**

#### **Introduction:**

Smart India Hackathon is a nationwide initiative launched by Ministry of Education, Govt. of India, Jointly with All India Council for Technical Education (AICTE) along with various other industry partners from the year 2017. It is an open innovation model in which students from all across India compete creatively to solve some of the pressing problems that are faced in our daily lives, and thus inculcate a culture of product innovation with a mind-set of problem solving. Various problem statements are provided by Ministries, NGO's, Govt. departments and private industries. From the last year, Smart India Hackathon Junior is also started for school students. Students are encouraged to provide innovative, out-of-the-box technical solutions to these problems. For the past 6 years, Smart India Hackathon is receiving tremendous response from students and teams from our college were consistent to get shortlisted for the past 6 Grand Finale competitions.

Smart India Hackathon (SIH-2024) encourages students to work on challenges faced within various Ministries, Departments, Industries, PSUs and NGOs to create world class solutions for some of the top organizations including industries in the world, thus helping the private sector hire the best minds from across the nation. This helps in the following ways:

- Harness creativity & expertise of students
- Spark institute-level hackathons
- Build funnel for 'Start Up India' campaign
- Crowdsource solutions for improving governance and quality of life
- Provide opportunity to citizens to provide innovative solutions to India's daunting problems

In earlier hackathons, students were allowed to submit their ideas directly to Smart India hackathon portal and then student teams were shortlisted by Smart India Hackathon team for the Grand Finale competition. However, with this approach only shortlisted teams could get a live experience of the hackathon. Therefore, from the year 2020 onwards it has been decided by Smart India Hackathon that colleges should conduct the Internal hackathon at the initial level to scrutinize the teams.

For this year (for SIH-2024), colleges were asked to shortlist **Forty-five** teams (in shortlisted category) and **Five** teams (in waitlisted category) with the help of industry experts/jury members. There was no bifurcation with respect to software or hardware category of problem statements for shortlisting purpose.

#### **Idea submission & Team registration:**

Students were asked to form teams (6 students per team), discuss their ideas with faculty mentors and then submit their ideas/solutions related to the problem statements which were made available on Smart India Hackathon (SIH-2023) portal. Total of **90 teams** from software category and **13 teams** from hardware category registered for this year's internal hackathon. Total of **618 students** took part in this internal hackathon. Due to Covid-19 pandemic, for the past 2-3 years, students did not get enough time to form the teams and discuss their ideas. They did not have any prior experience of doing team work and collectively find solution to given problems.

Following **Forty five (45)** teams are shortlisted in this year's Internal hackathon:-

#### **Shortlisted Teams**

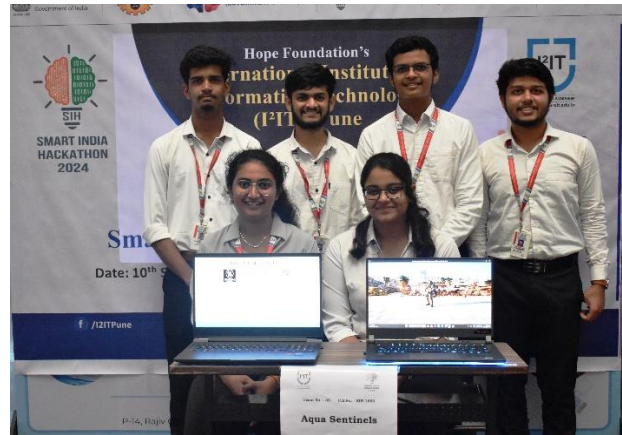
<b>Sr. No.</b>	<b>P.S. No.</b>	<b>Name of the Team</b>	<b>Name of the Mentor</b>
1	SIH-1638	Green Guardians	Prof. Shital Wadaganve
2	SIH-1660	Aqua Sentinels	Dr. Deepak Uplaonkar
3	SIH-1605	Solution Seekers	Dr. Deepak Uplaonkar
4	SIH-1609	Nexus Architects	Prof. Kimi Ramteke
5	SIH-1599	Tare Zameen Par	Prof. Kimi Ramteke
6	SIH-1631	Code Crafters	Prof. Pradnya Shinde
7	SIH-1649	CloudArmour	Dr. Ajitkumar Shitole
8	SIH-1620	TechSavirours	Dr. Deepak Uplaonkar
9	SIH-1674	The Mavericks	Dr. Ajitkumar Shitole
10	SIH-1607	CODEWIZ	Dr. Jyoti Surve
11	SIH-1593	Fire Fighters	Prof. Kanchan Bhale

12	SIH-1715	HackNova	Prof. Kanchan Bhale
13	SIH-1642	AyuNexusPioneers	Prof. Monali Bansode
14	SIH-1672	404 BotsNotFound	Prof. Sonali Patil
15	SIH-1738	Map Avengers	Prof. Sonali Patil
16	SIH-1732	Illuminar	Dr. Bhavana Kanawade
17	SIH-1733	Radiant Recon	Prof. Sarang Saoji
18	SIH-1620	Sanjivani	Prof. Prashant Mandale
19	SIH-1658	Human Cyborgs	Dr. Jyoti Surve
20	SIH-1591	TECH ARMY	Prof. Prashant Ahire
21	SIH-1710	TrackMinds	Prof. Sonali Patil
22	SIH-1648	DebugDynasty	Prof. Gaurav Malode
23	SIH-1683	Team CounterFakes	Prof. Sarang Saoji
24	SIH-1591	Binary Benders	Dr. Bhavana Kanawade
25	SIH-1667	Visage	Dr. Risil Chhatrala
26	SIH-1728	Digital Tech Innovator	Prof. Prashant Mandale
27	SIH-1649	DDOS Detectives	Prof. Kanchan Bhale
28	SIH-1733	Radiance	Dr. Deepak Uplaonkar
29	SIH-1658	Joint Venture	Prof. Mukesh More
30	SIH-1555	AyuTech Innovators	Dr. Deepak Uplaonkar
31	SIH-1654	Ace-Troverts	Dr. Deptii Chaudhary
32	SIH-1672	CtrlBot	Dr. Deptii Chaudhary
33	SIH-1706	Hostel-4	Dr. Sandeep Patil
34	SIH-1612	NextGenTransit	Dr. Deptii Chaudhary
35	SIH-1586	Team DevSphere	Prof. Shital Wadaganve
36	SIH-1701	Verdict Vision	Dr. Deptii Chaudhary
37	SIH-1537	Manakarnika	Dr. Deptii Chaudhary
38	SIH-1605	The Guardian	Dr. Deptii Chaudhary
39	SIH-1533	Dragon Boosters	Dr. S.M.M. Naidu
40	SIH-1711	Rail Visionaries	Prof. Lata Varma
41	SIH-1533	PowerHive	Prof. Prashant Ahire
42	SIH-1536	Tech_Army	Dr. Deptii Chaudhary
43	SIH-1536	Arishtnemi	Prof. Prashant Ahire
44	SIH-1532	DIGITRONICS	Prof. Prashant Ahire
45	SIH-1530	EcoWatt	Prof. Suvarna Hande

Shortlisted team photographs are as below,



**Green Guardians**



**Aqua Sentinels**



**Solution Seekers**



**Nexus Architects**



**Tare Zameen Par**



**Code Crafters**





**CloudArmour**



**TechSavours**



**The Marvericks**



**CODEWIZ**



**Fire Fighters**



**HackNova**





**AyuNexusPioneers**



**404 BotSNotFound**



**Map Avengers**



**Illuminar**



**Radiant Recon**



**Sanjivani**





**Human Cyborgs**



**TECH ARMY**



**TrackMinds**



**Team Debug Dynesty**



**Team CounterFakes**



**Binary Benders**





**VISAGE**



**Digital Teck Innovator**



**DDoS Detectives**



**Radiance**



**Joint Venture**



**AyuTech Innovators**





**Ace-Troverts**



**CtrlBot**



**Hostel-4**



**NextGen Transit**



**Team DevSphere**



**Verdict Vision**





**Manakarnika**



**The Guardian**



**Dragon Boosters**



**Rail Visionaries**



**PowerHive**



**Tech\_Army**





**Arishtnemi**



**DIGITRONICS**



**EcoWatt**

Following **Five (5)** teams are waitlisted in this year's Internal hackathon:-

**Waitlisted Teams**

Sr. No.	P.S.No.	Name of the Team	Name of the Mentor
1	SIH-1638	AgriTech Innovators	Prof. Poonam Deokar
2	SIH-1649	Samarakshanam	Prof. Kanchan Bhale
3	SIH-1620	Medicrafters	Prof. Dia Magnani
4	SIH-1732	Data Diggers	Dr. Deptii Chaudhary
5	SIH-1564	Dragon Boosters	Dr. S.M.M. Naidu

Waitlisted team photographs are as below,



**AgriTech Innovators**



**Samrakshanam**



**Medicrafters**



**Data Diggers**





**HyperBoosters**

**Evaluation criteria:**

Evaluation criteria were as per the guidelines provided on Smart India Hackathon portal and included parameters such as Novelty of idea, Complexity of the problem, Domain Knowledge/clarity, Potential for future work progression, Feasibility and Scale of impact. Total score was 100 points.

**Details of jury members:**

Five industry experts with experience of around 12-15 years were invited and the expert names were,

- 1) Mr. Mandar Deshpande – Director, SOCIANTE, Warje, Pune
- 2) Mr. Nitin Gulhane – Proprietor, Bitstring IT services, Dhanori, Pune
- 3) Mr. Vikram Thakur – Founder Director, Queens3d Technologies, Dighi, Pune
- 4) Mr. Rajendra Badgajar – Sr. Manager, Tata Technologies Pvt. Ltd. Pune
- 5) Mr. Yogesh Gupte – Product Manager, Tata Technologies Pvt. Ltd. Pune

Along with the above industry experts, following Heads of Departments of our Institute were also invited as internal evaluators.

- 1) Dr. Jyoti Surve – HoD, Information Technology Department- I²IT, Pune
- 2) Dr. Ajitkumar Shitole – HoD, Computer Engineering Department - I²IT, Pune
- 3) Dr. S.M.M. Naidu – HoD, E& T/C Department- I²IT, Pune
- 4) Dr. Sandeep Patil – Vice President, Institution Innovation Council (IIC) - I²IT, Pune
- 5) Dr. V. Rajesh Chaudhari – Head, Research & Development - I²IT, Pune

The internal hackathon competition was conducted from 2:00 AM to 5:00 PM on 10<sup>th</sup> September 2024. It was very tough for the jury panel members to shortlist the teams as per SIH-2024 requirements as all students had put in their full efforts.





**Jury Panel - 1**



**Jury Panel - 2**



**Jury Panel - 3**



**Jury Panel - 4**



**Jury Panel - 5**

### **Discussion of External and Internal Jury members to finalize the scores**

After shortlisting the teams, judges gave their valuable suggestions and feedback to all the teams and explained the students as to how they can improve upon and shape their ideas into full project.



**External and Internal Jury members**



**Students eagerly waiting for Internal hackathon results**



**Grand Finale competition of Smart India Hackathon (SIH-2024):**

Final selection of teams at National level shall be done by Smart India Hackathon for the Grand Finale competition. The dates for Grand Finale competition are tentatively in 2<sup>nd</sup> /3<sup>rd</sup> week of November 2024.

Overall, all the participating students got hands-on experience of participating in a hackathon and received valuable inputs/guidance from judges. The students can further explore their ideas for their third year and final year projects.

**Report prepared by:**

**Date:**

**12<sup>th</sup> September 2024**



Prof. Ravindra Joshi

Single Point of Contact (SPOC)

SIH-2024