BHARATI VIDYAPEETH (Deemed to be University)

COLLEGE OF ENGINEERING, PUNE.

DEPARTMENT OF COMPUTER SCIENCE & BUISNESS SYSTEM

Report on Internal Hackathon for Smart India Hackathon 2024

Event Title: Smart India Hackathon 2024 (Internal round)
Organized by: CSBS Department, Bharati Vidyapeeth (Deemed to be University) College of Engineering (Pune)
Date and time: 10th September, 2024 and 14th September,2024
No. of Teams: 14
External Jury: Mr. Rahul Jamdade, Consultant Engineer at NetScout Systems, Pune

About the Smart India Hackathon:

The internal round for Smart India Hackathon (SIH) 2024, organized by the CSBS department, was held over two days, on **[10th September,2024]** and **[14th September,2024]**. The event aimed to foster innovation among students by encouraging them to develop tech-driven solutions for real-world problems.

Event Objectives:

- Encourage students to apply their technical knowledge to solve practical challenges.
- Promote a collaborative environment for innovation.
- Select and nominate top teams for national-level participation.

About the Problem Statements:

The following problem statements were selected for the SIH 2024 internal round:

1. **Problem Statement 1:** Student Innovation from MedTech / Biotech / HealthTech domain.
2. **Problem Statement 2:** Standardizing Odd School Structures to Improve Educational Policy Implementation and Resource Allocation from Smart Automation domain.

3. **Problem Statement 3:** AICTE, MIC-Student Innovation from Fitness & Sports domain.
4. **Problem Statement 4**: Development of a Paperless Scholarship Disbursement System for PMSS from Miscellaneous domain.
5. **Problem Statement 5**: Student Innovation from Robotics and Drones domain.
6. **Problem Statement 6:** Student innovation from Smart education domain.
7. **Problem Statement 7**: Freelancing Platform from Smart education domain.
8. **Problem Statement 8**: Virtual Herbal Garden from MedTech / Biotech / HealthTech domain.
9. **Problem Statement 9**: AI supported AICTE Approval process portal from smart Automation domain.
10. **Problem Statement 10**: Fake social media accounts and their detection from Blockchain & Cybersecurity domain.
11. **Problem Statement 11**: use of digital knowledge sharing platform like wikis on sharing of water efficient and methods for minimizing water scarcity from clean and green technology domain.
12. **Problem Statement 12**: Enhancing Navigation for Railway Station Facilities and Location from Transportation & Logistics domain.
13. **Problem Statement 13:** DDoS Protection System for cloud: Architecture and tool from Blockchain & Cybersecurity domain.
14. **Problem Statement 14:** AI driven inspection of institution from smart Automation domain.

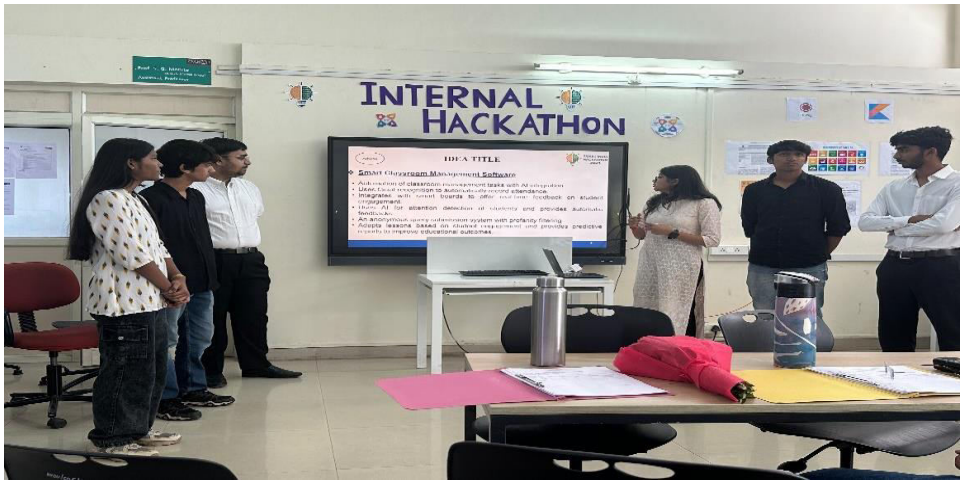
Each problem focused on critical areas such as healthcare, education, and sustainability, with an emphasis on real-world impact

Photos of the event organized

Greetings by our HOD Dr. Bindu Garg during Inauguration Ceremony of Internal SIH 2024.

Address line by HOD to all the teams and their members.


INTERNAL
HACKATHON
SMART INDIA HACKATHON 2024
TITLE PAGE


INTERNAL
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IDEA TITLE

Team 1

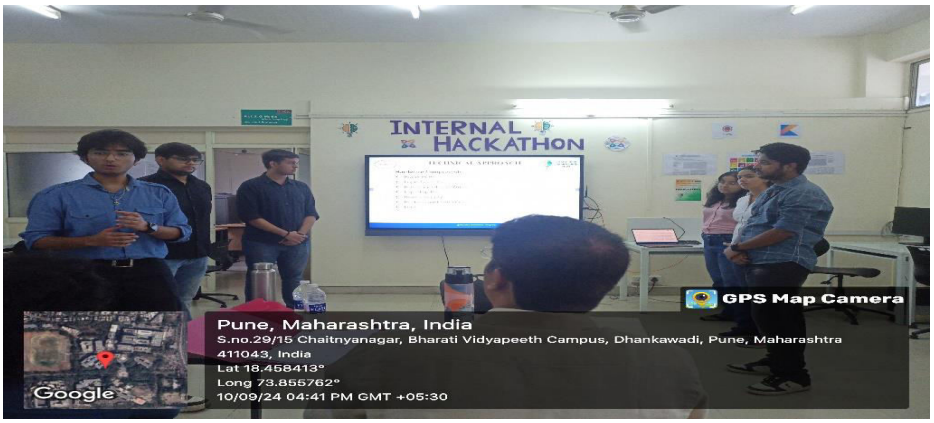
Team 2

Team 3

Team 4

Team 5

Team 6



Team 7

Team 8

Team 9


INTERNAL HACKATHON
GPS Map Camera
Pune, Maharashtra, India
S.no.29/15 Chaitnyanagar, Bharati Vidyapeeth Campus, Dhankawadi, Pune, Maharashtra 411043, India
Lat 18.458461°
Long 73.855794°
10/09/24 02:45 PM GMT +05:30
Google

Team 10

Team 11

Judging Process

The judging process was designed to evaluate the projects based on specific criteria:

1. **Novelty of the Idea** (25 points)
    - Judges assessed how original and innovative the proposed solution was. Higher scores were given to ideas that introduced fresh perspectives or breakthrough technologies.
2. **Scale of Impact on Society** (20 points)

- This criterion evaluated the potential societal impact of the solution. Judges considered how the project could address widespread issues and benefit a larger population.

3. **Feasibility** (15 points)
    - Feasibility focused on the technical and practical aspects of the project. Teams were evaluated on whether their solution could realistically be implemented with current technologies and resources.
4. **Practicability** (15 points)
    - The judges examined whether the solution was practical in a real-world scenario. The emphasis was on how easily the solution could be deployed and used by the target audience.
5. **Sustainability** (15 points)
    - Sustainability measured the project's ability to maintain effectiveness over time without requiring excessive resources. Judges looked at the environmental, social, or financial sustainability of the solution.
6. **Complexity** (10 points)
    - The technical complexity of the solution was considered. Projects that demonstrated advanced technical knowledge and tackled intricate problems received higher scores in this category.
7. **User Experience and Potential for Future Work Progression** (10 points)
    - Judges evaluated how user-friendly the solution was and whether it had the potential to be developed further. High scores were awarded to projects with well-designed interfaces and clear potential for future improvement or expansion.

Jury Panel

Sr. No.	Name of the judge	Designation of Jury	Organization of Jury	Mobile no. of Jury	Email id of Jury
1	Mr. Rahul Jamdade	Consultant Engineer at NetScout Systems, Pune	NetScout Systems, Pune	9890713340	Jrahulj461@gmail.com
2	Prof. Trupti Suryawansh	Assistant Professor	BV(DU)COE, Pune	9890395400	tvsuryawanshi@bvucoep.edu.in

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3	Prof. Snehal Ranesankpal	Assistant Professor	BV(DU)COE, Pune	9689711254	srranesankpal@bvucoep.edu.in
4	Prof. Sonal Jamdade	Assistant Professor	BV(DU)COE, Pune	9766332212	srjamdade@bvucoep.edu.in

Nominated Top Teams

Sr. no.	Team Lead	Team Details		PS	PS No.	Domain
1	Mrinank Mahajan	Member 1	Sarthak Arora	Enhancing and Navigation for Railway Station Facilities and Locations	1417	Transportation and Logistics
		Member 2	Hrishi Johari			
		Member 3	Shriram Bhardwaj			
		Member 4	Asif Ali			
		Member 5	Ritu Tripathi			
2	Mihir Pratap singh	Member 1	Himanshu Rathi	AI supported AICTE Approval process portal	169	Smart automation
		Member 2	Anshika singh			
		Member 3	Amish Rajan			
		Member 4	Anant Saraswat			
		Member 5	Ravii Agrawal			
3	Shivang Gupta	Member 1	Shubh Vashistha	AICTE, MIC- Student innovation	1288	Fitness and Sports
		Member 2	Aishwarya Srivastava			
		Member 3	Bhagyashree Kohale			
		Member 4	Harshita Kumari			
		Member 5	Himank Sharma			
4	Ahmar Jamal	Member 1	Takshil Choksi	Student Innovation	1597	medtech/biotech/healthtech
		Member 2	Anshika Gupta			
		Member 3	Harsh Balkawade			

		Member 4	Amisha K			
		Member 5	Pratik Chavan			
5	Mihir Pratap singh	Member 1	Anant Saraswat	AI driven inspection of institution	197	Smart automation
		Member 2	Ravii Agrawal			
		Member 3	Himanshu Rathi			
		Member 4	Anshika singh			
		member 5	Amish Rajan			
6	Kunwar Prashant	Member 1	Aayush Suryavanshi	Student Innovation	1383	Robotics and Drones
		Member 2	Aniket Mondal			
		Member 3	Aryan Sabale			
		Member 4	Sneha Malhotra			
		Member 5	Vardan Rastogi			
7	Ankit Yadav	Member 1	Ansh Tarsoliya	Virtual Herbal Garden	1555	medtech/biotech/healthtech
		Member 2	Sheryansh Tripathi			
		Member 3	Shruti Thakur			
		Member 4	Shrreya Singh			
		Member 5	Arsh Singh			
8	Rishav Sinha	Member 1	Hrushikesh Sahu	Development of a Paperless Scholarship Disbursement System for PMSSS	1369	Miscellaneous
		Member 2	Ashwin Sinha			
		Member 3	Pranjul Shukla			
		Member 4	Nidhi Badesra			
		Member 5	Lakhan Yadu			
9	Saurabh Jha	Member 1	Utkarsh Singh	Freelancing Platform	1387	Smart Education
		Member 2	Ayushi Srivastava			
		Member	Srish Bansal			

		3				
		Member 4	Piyush Kumar			
		Member 5	Aaroh Parwekar			
10	Devarshi Narayan Bohra	Member 1	Nandana Pramod	Student Innovation	1371	Smart Education
		Member 2	Niharika Rawat			
		Member 3	Ved Mistry			
		Member 4	Aman Raj			
		Member 5	Bhuvnesh Bharadwaj			
11	Rajal Mistry	Member 1	Bhavya Agarwal	Standardizing Odd School Structures to Improve Educational Policy Implementation and Resource Allocation	1322	Smart automation
		Member 2	Anuj Dwivedi			
		Member 3	Aditya Sharma			
		Member 4	Kaavya Sarin			
		Member 5	Abhinav Pandey			
		Member 2	Anuj Dwivedi			

Participation Statistics

- **Total Number of Teams:** 11 teams
- **Total Participants:** 66 participants
- **Gender Participation:** 16 Females and 50 males.