Smart India Hackathon 2026 – Internal Hackathon

Gujarat Biotechnology University (GBU), Gandhinagar, organized the **Smart India Hackathon (SIH) 2026 Internal Hackathon** to encourage students to develop innovative, technology-driven solutions to real-world challenges.

The Internal Hackathon provided participating teams with an opportunity to present their ideas and prototypes before an expert jury panel. The event included problem identification, solution development, team presentations, demonstrations, evaluation and selection of promising teams for further consideration under SIH 2026.

Key Details:

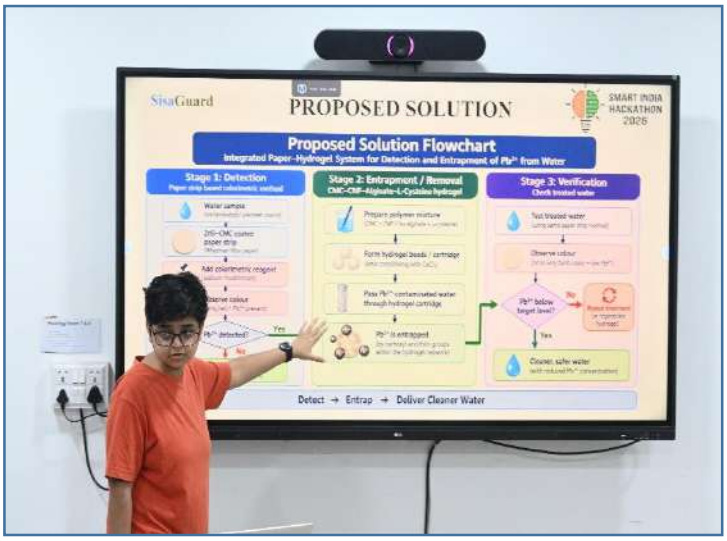
- **Institute:** Gujarat Biotechnology University, Gandhinagar
- **Event:** Smart India Hackathon 2026 – Internal Hackathon
- **Date:** 22 September 2026
- **Time:** 3:00 PM onwards
- **Venue:** Gujarat Biotechnology University, Gandhinagar
- **Organised by:** Gujarat Biotechnology University
- **Coordinated by:** SIH 2026 Institute SPOC / SSIP 2.0 Committee
- **Objective:** To identify and promote innovative student solutions and facilitate participation in Smart India Hackathon 2026.
- **Activities:** Team presentations, mentoring, jury evaluation and selection of top teams.

Glimpses from the Event



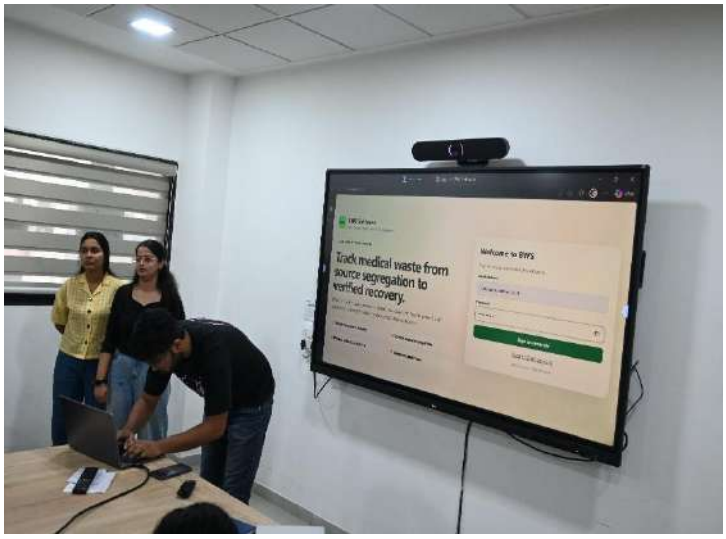











Track medical waste from source segregation to verified recovery.


Yellow category
Red category
White category
Blue category




IDEA TITLE
Solution




Recycler
TECHNICAL APPROACH
SMART INDIA HACKATHON 2026
Technologies
Python 3.10+ for backend & business logic
HTML + CSS for interface
SQLite for database
Browser-based local application
Waste Generator
Pickup Request
Admin Assignment
Driver Collection & Weight Verification
Inventory Update
Recycler Request
Validated Dispatch
Recovery & Reports
Working prototype
Each user gets a simple dashboard designed for their role. As the waste moves through the process, the system automatically updates its status, quantity and transaction history—keeping the entire process organised and traceable.

Participating teams' pictures



Team-1



Team-2

Judging Process

- **Team Registration** – Participating teams register and submit their details through the Google Form.
- **Mentoring & Counselling Session** – Teams receive guidance on their **SIH PPT, problem statement, idea, solution approach, and presentation**.
- **Presentation Round** – Each team presents its idea/project before the evaluation panel.
- **Q&A Session** – Panel members interact with teams and ask questions to understand the idea, implementation, and impact.
- **Evaluation** – Projects are assessed based on **innovation, feasibility, technical approach, impact, and presentation quality**.

- **Final Assessment** – The **University SSIP Team and External Panel Member** review the overall performance and finalize the evaluation based on the prescribed criteria.

Jury panel details

Sr. No.	Name	Designation / Affiliation
1	**Prof. Rakesh Rawal**	In-charge Director, Professor & Head – Medical Biotechnology, Dean (Academics), Gujarat Biotechnology University
2	**Prof. Sudhir Pratap Singh**	Professor & Head – Industrial Biotechnology, Dean (Research), Gujarat Biotechnology University
3	**Dr. Yash Pandya**	Assistant Professor & Director – Projects, Grants and Funds, Aarambh Incubation Centre, Anant National University
4	**Dr. Neelam Kungwani**	Assistant Professor – Marine Biotechnology, Gujarat Biotechnology University
5	**Dr. Kanti Kiran**	Associate Professor – Plant Biotechnology, Gujarat Biotechnology University
6	**Dr. Varun Shah**	Assistant Professor – Environmental Biotechnology, Gujarat Biotechnology University
7	**Dr. Nisha Singh**	Assistant Professor – Bioinformatics, Gujarat Biotechnology University

Nominated top teams

Sr.	Problem Statement ID	Problem Statement Title-	Team Members Name
1	SIH26115	Design and Develop a Smart Mobile Medical – Waste Collection and Segregation Sytem	1.Sneha Saha, 2. Mahi Gour, 3. Swati Pandey 4. Saurav Agrawal 5. Abdul Basit Behlim 6. Stuti Rupera
2	SIH26040	Smart Water Purification and Quality Monitoring System for Rural and Mining-Affected Areas.	1. Prachita Roy 2. Sumedha Sen 3. Krishna Vasava 4. Kalyani Vikhe 5. Srushti Acharya 6. Manali Patel

Judges' information

Sr. No.	Name	Designation / Affiliation	Brief Profile
1	**Prof. Rakesh Rawal**	In-charge Director, Professor & Head – Medical Biotechnology, Dean (Academics), Gujarat Biotechnology University	https://gbu.edu.in/faculties/dr-rakesh-rawal/
2	**Prof. Sudhir Pratap Singh**	Professor & Head – Industrial Biotechnology, Dean (Research), Gujarat Biotechnology University	https://gbu.edu.in/faculties/dr-sudhir-p-singh-phd-fnaas-fisees/
3	**Dr. Yash Pandya**	Assistant Professor & Director – Projects, Grants and Funds, Aarambh Incubation Centre, Anant National University	https://www.anu.edu.in/faculty/prof-yash-pandya/
4	**Dr. Kanti Kiran**	Associate Professor – Plant Biotechnology, Gujarat Biotechnology University	https://gbu.edu.in/faculties/dr-kanti-kiran/
5	**Dr. Neelam Kungwani**	Assistant Professor – Marine Biotechnology, Gujarat Biotechnology University	https://gbu.edu.in/faculties/dr-neelam-kungwani-phd/
6	**Dr. Varun Shah**	Assistant Professor – Environmental Biotechnology, Gujarat Biotechnology University	https://gbu.edu.in/faculties/dr-varun-shah/
7	**Dr. Nisha Singh**	Assistant Professor – Bioinformatics, Gujarat Biotechnology University	https://gbu.edu.in/faculties/dr-nisha-singh-phd/

Total participating teams & students



Internal Smart India Hackathon (SIH) 2026 at GBU!
Smart India Hackathon (SIH) is a premier nationwide initiative that encourages students to address real-world challenges through innovation, creativity, technology and teamwork.
Gujarat Biotechnology University (GBU) is organizing the Internal Smart India Hackathon 2026, providing an exciting platform to transform innovative ideas into impactful solutions.
📅 22 September 2026 (Tuesday) , 🕒 3:00 PM onwards
📍 Gujarat Biotechnology University (GBU)
💡 From Ideas to Impact! 🚀
hashtag#SIH2026 hashtag#SmartIndiaHackathon hashtag#GBU hashtag#Innovation hashtag#SSIP hashtag#InnovationSeAtmanirbharBhar
https://www.linkedin.com/posts/gbuofficial_sih2026-smartindiahackathon-gbu-activity-7508082676558602240-2-Eb?utm_source=share&utm_medium=member_desktop&rcm=ACoAACyr1x0BOi44vhFPgxbWI40sYqrBCujmN3A

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