GVHAX

Internal SIH Selection Hackathon

Official Rulebook

1. Overview & Objective

GVHAX is conducted internally to select the strongest teams to represent the institution at Smart India Hackathon (SIH). The event is designed for a fair, fast, and comparable evaluation of working prototypes across all participating teams.

2. Format

- Total duration: 5 hours (4 hours of coding + 1 hour of judging)
- Mode: In-person / on-campus

3. Team Rules

- 6 members per team — at least 1 must be female
- All team members must be from the same institution (inter-college/school teams are not permitted)
- Cross-branch and cross-year teams are allowed and encouraged
- One problem statement per team, locked once revealed
- Maximum 4–5 teams per problem statement

4. Problem Statement Allotment

- Problem statements will be revealed on the spot at kickoff (random allotment) — no pre-selection or advance choice
- A total of 33 problem statements are available, spread across 11 domains: Health, Agriculture, EdTech, Smart Cities/Infrastructure, FinTech, Sustainability, Governance, Disaster Management, Campus Utility, Cyber Security, and Blockchain

5. Repository Requirements

- Every team must maintain a GitHub repository for their project
- The repository must be kept private (not made public) to ensure fair and unbiased judging
- The repository must contain at least a partial implementation of the proposed solution
- A well-structured README is mandatory, covering: objective, features, technology stack, setup instructions, and current implementation status
- Repository access must be shared with the organizers for the commit-history verification check

6. Submission Format

- The presentation must strictly follow the official SIH PPT template (to be shared separately with all teams)

- Teams should familiarize themselves with the format in advance so that build time is not lost formatting slides

7. Judging Model

Judging takes place in the dedicated 1-hour window following the coding phase:

- Teams set up at fixed pods/tables with their laptop, working prototype, and presentation ready
- Judge panels circulate the hall, pod to pod
- At each pod, judges review the presentation, the working demo, and the repository
- Judges score independently on the criteria below

8. Judging Criteria & Weightage

Criteria	Weight
Technical feasibility & implementation	**30%**
Problem-solution fit / real-world impact	**25%**
Innovation / uniqueness of solution	**20%**
Presentation & clarity	**15%**
Scalability	**10%**

9. Tools & Integrity

- AI coding tools (Copilot, ChatGPT, Claude, etc.) are fully allowed. Teams must still be able to explain and validate every part of their solution.
- Open internet and open-source libraries are allowed
- Sample/static datasets and rule-based logic are allowed in place of live data feeds or trained ML models
- Pre-built project detection will be carried out via a Git commit-history spot-check

10. Disqualification Criteria

1. Pre-built project — code found to predate the official kickoff via commit-history check
2. Plagiarism or a copied solution from an existing project or prior SIH submission
3. Solving outside the scope of the allotted problem statement
4. Unauthorized external help from anyone outside the registered team during the event
5. Team composition violation (not 6 members, missing the minimum 1 female member, or members from different institutions)
6. Missed code freeze — commits pushed and used after the coding phase has ended
7. Inappropriate conduct towards judges, volunteers, or other teams
8. Fake or hardcoded demo presented as live/functional
9. Making the repository public before judging concludes