

BROCHURE

Welcome to SparkHack! In this event, you'll solve real-world problems by building innovative solutions and collaborate with fellow developers to create impactful prototypes using the latest technologies. For a complete beginner, a hackathon is a collaborative event where teams solve challenges and build projects in a short span of time. It's a fantastic opportunity to learn, experiment, and apply your creativity. Even if this is your first hackathon, we'd be excited to have you on the team!

ELIGIBILITY CRITERIA

This hackathon is open to undergraduate and postgraduate students from any academic branch or degree, as long as you are a valid student of an institution.

TEAM COMPOSITION

1. Teams must consist of a minimum of 2 and a maximum of 4 members.
2. You are welcome to form teams with individuals from different backgrounds and academic years to enhance your project's diversity and creativity.
3. Cross college teams are allowed.
4. For now, solo registration is not allowed.

CODE OF CONDUCT

1. All participants are expected to maintain a professional and respectful attitude towards fellow participants, mentors, and organizers.
2. We have a zero-tolerance policy regarding any form of harassment, bullying, or discrimination. Any violation of this policy will lead to immediate disqualification from the event.
3. Participants are required to submit work that is entirely their own. Using plagiarized code or solutions from previous hackathons, competitions, or repositories without proper attribution will result in disqualification.
4. We encourage all participants to compete fairly. Any form of cheating or misconduct will lead to disqualification.
5. All projects should carefully consider the ethical implications of the technology employed.
6. In case of any dispute, the decision made by the organizing committee will be final.

EVENT GUIDELINES

Themes and Problem Statement

- Themes would be in the range of Smart Cities, Healthcare, Green Technology, Sports Technology, Education and Fintech
- Each theme would have 1-2 Problem Statements under it, for the teams to choose from
- Teams can work on any one of the problem statements throughout the hackathon.



- Have a groundbreaking idea that doesn't align with the provided themes? We've got you covered ! Teams with innovative ideas that could solve unexplored challenges are encouraged to participate under the Open Track.
- Solutions can encompass hardware , software or combination of both.
- Problem statements would be mailed to you upon registration.

Round 1 (PPT Shortlisting)

- **Teams need to submit a powerpoint presentation outlining the proposed solution, implementation workflow, technology stack, expected impact, business model, etc.**
- Judges will review the ppts and shortlist the top 30 teams, out of which the top 25 teams will directly proceed to round 2, and 5 teams will be in waitlist.
- Maximum Slides: 10 (Title, Team and Thank you slide not included)
- Each ppt must contain a Title and Team slide.
- Title slide must have Theme, Problem statement, Team Name & Team Lead name.
- Team names are case-sensitive. Please ensure you remember and use them correctly.
- Team slides should have team member information in the following format

Sl. No.	Name	Contribution	Email	Contact No
1	Lead			
2	Member 1			
3	Member 2			
4	Member 3			

Round 2 (Online Pitching)

- Shortlisted teams will present their project ideas to a panel of judges in a virtual pitching session.
- Each team will have a maximum of 5 minutes to present their project, followed by a 2-minute Q&A session with the judges. Exceeding the time limit will lead to deduction in marks.
- Minor changes from the initial ppt submission is allowed. Deviating significantly from the original concept or change in problem statement will not be permitted.
- You may omit the team information slide during presentation to maintain information privacy.
- Top 15 teams will be selected out of which 10 teams will directly proceed to the final round and 5 teams will be put in the waitlist

Round 3 (Prototype Presentation Round)

- After declaration of results of round 2, top 10 teams may start building their projects .
- They need to showcase their prototypes offline at the Electrical Engineering Department, Jadavpur University on 21st Feb.
- Each team will have a maximum of 7 minutes to present their project, followed by a 3-minute Q&A session with the judges. Exceeding the time limit will lead to deduction in marks.
- **No PowerPoint presentations will be accepted in this round; each team must present their solution through a prototype or simulation.**
- Necessary hardware kits must be brought by the teams. For software implementations, teams have to bring their own laptop.

Tools and Technologies

- There are no restrictions on the use of frameworks, APIs, or cloud platforms.
- Minimal use of AI-based low-code and no-code tools is permitted; however, projects and code generated entirely using such tools will result in disqualification.

Judging Criteria and Prizes

- Novelty and originality of the solution.
- Feasibility and scalability
- Execution & Development
- Code Quality & Technical Complexity
- Presentation + Q&A Business model
- Top 3 teams will be awarded cash prizes

TEAM LEADS

Debarghya Adhikari
Chitrak Saha

Problem statements will be provided upon registration