Rulebook

National Space Hackathon 2025

Hosted by Indian Institute of Technology, 2025

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1 Introduction

The **National Space Hackathon** is a premier competition that brings together bright minds to tackle real-world challenges in space exploration. Designed to foster innovation and collaboration, this event provides an opportunity for students to apply their technical skills to complex problems inspired by human spaceflight and orbital operations. Participants will engage in designing, coding, and optimizing solutions with the potential for real-world applications in space missions.

2 Eligibility

- Open to all college students currently enrolled in recognized institutions across India.

- Participants must form teams of at most 5 members.

- Each participant must provide a valid student ID at registration.

- Interdisciplinary and inter-college teams are encouraged.

- Participants must comply with all rules and deadlines.

3 Hackathon Structure

3.1 Stage 1: Problem Statement Release and Submission

- Problem statements will be released on March 12 during the technical fest Tryst.

- Submission deadline: April 6.

- The competition theme is **Innovative Solutions for Human Spaceflight Challenges**.

- Teams must submit a functional and well-documented coding model.

- Evaluation will be done based on predefined rubrics.

- The top 10 teams will advance to the final round, announced on April 10.

3.2 Stage 2: Final Presentation and Evaluation

- The top 10 teams will present their solutions in an online round on April 13.

- Participants will pitch their solutions to a panel of esteemed judges, including experts from NASA, ISRO, and HSFC.

- Additional evaluation criteria, submission format, and other deliverables will be shared along with the problem statement.

4 General Rules

- Each team must have at most 5 members.

- Participants must be currently enrolled college students.

- Submissions must be original and developed during the hackathon duration.

- Any form of plagiarism will lead to immediate disqualification.

- Use of libraries and frameworks are permitted but must be properly credited.

- Late submissions will not be considered under any circumstances.

- Professional conduct is expected; any misconduct will result in disqualification.

- The Panel's decisions are final and binding.

5 Prizes and Recognition

- The awards ceremony will be held in May during the GLEX visit at IIT Delhi.

- Distinguished astronauts from NASA and ISRO will present the awards.

- Exceptional solutions may be considered for further research or industry collaboration.

6 Contact Information

For any queries or further details, please contact:

- **Aryan Choudhary** - Email: aryancta@gmail.com, Phone: +91 73718 71087