MANIPAL HACKATHON 2024

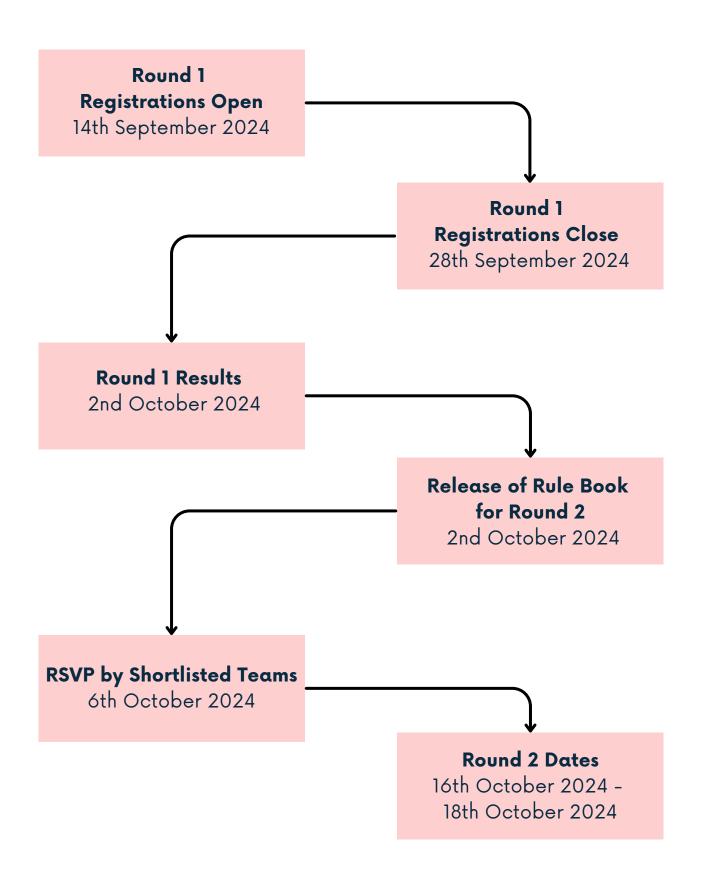## </ PIONEERING PARADIGMS />

Rules and Regulations

Overview

1. About Manipal Hackathon

Get ready to dive into the future at Manipal Hackathon 2024! With the theme "Pioneering Paradigms," this flagship event of TechTatva 2024 is where creativity and innovation come to the forefront.

Join us in 36 thrilling hours of coding where you will compete with brilliant minds, tackle challenges, and transform groundbreaking ideas to reality. This isn't just about coding—it's about *pushing boundaries, exploring new possibilities,* and *setting the trends* others will follow. Whether you're a seasoned pro or an enthusiastic amateur, M#'24 is your stage to shine. Let's pioneer the future together.

2. Timeline

**Round 1
Registrations Open**
14th September 2024

**Round 1
Registrations Close**
28th September 2024

Round 1 Results
2nd October 2024

**Release of Rule Book
for Round 2**
2nd October 2024

RSVP by Shortlisted Teams
6th October 2024

Round 2 Dates
16th October 2024 -
18th October 2024

3. Eligibility Criteria

- Open to students *currently pursuing* a B.Tech degree (*BCA and Polytechnic colleges are **not** eligible*).
- Participants can be in any year of engineering study.
- All members of a team must be from the *same institute* of a university.
- Teams must consist of **2-5** members.
- An institute can have any number of teams, but a participant can only be a part of one team.
- If a team qualifies for the offline round at MIT, **at least two** members must be present.

4. Guidelines for Round 1

For Submission:
- Submissions of the ppt and video must adhere to the specified layout.
- *Design* of the ppt can be customized but the prescribed *layout* must be followed.
- No extensions will be granted upon missing the deadline.
- Each team can choose only one problem statement and make only one submission.
- Any mention of the **institute name** in the submission will lead to ***disqualification***.

For Project:
- Project ideas must be original. Reusing old projects will result in ***disqualification.***
- Plagiarized ideas will lead to ***disqualification.***
- Collaboration between participating teams is not permitted.

5. Round Description

Round1: Ideation (Online)

In Round1, participants must submit a presentation and video in the format provided in the subsequent pages. Submissions will be evaluated based on the judgment criteria, details of which are also provided below. The top 30 teams will be selected to advance to the second round.

Round2: Execution (Onsite)

The second round will be the execution phase at MIT, Manipal. It will be a 36-hour coding challenge where teams will code, implement, and present their solutions. Participants are required to stay on the premises for the entire duration of the round. The outcome of the challenge must be a *functional working* prototype. Further details regarding Round2 will be provided at a later date.

6. Round 1 PPT Format

Slide One:
- Team name and a **single group photo** in one frame
- Members List, with the full name of the member (as printed on the college ID)
- **DO NOT** mention the institution's name

Slide Two:
- ID number of the problem statement along with the problem title
- Problem Statement ID and solution not matching would lead to **disqualification**

Slide Three:
- Introduction and Background of the problem statement

Slide Four:
- Specify opportunities and limitations of existing technology for the issues identified

Next 1 or 2 Slides:
- Description of the solution
- Features proposed (must be present in the final project; additional features can be added, but not implementing the aforementioned features will lead to penalties)

6. Round 1 PPT Format

Next Slide:
- A detailed flowchart for each module, showing how the features are interlinked.

Next Slide:
- Clearly state the technologies used at each stage and how they will be integrated into the solution.

Next 1 or 2 Slide(s):
- Market research
- Scope
- Application of the solution

Penultimate Slide:
- Novelty (What makes your product stand out)
- Monetization Strategy

Last Slide:
- References

File naming convention:
For example: TeamID_TeamName_ProblemStatementID

7. Round 1 Video Format

1. **Time Limit:** The video must not exceed **2 minutes**. Any content presented after the 2-minute mark in the video will not be evaluated.
2. **Team Visibility:** All team members must be visible in the video.
3. **Minimum Video Quality bar:** 640x480
4. **Submission Platform:** The video must be uploaded to Google Drive or YouTube.
5. **Content Focus:** The video should strictly discuss your idea.
6. **Language:** English only.
7. **Conduct:** Any inappropriate content in the video will result in **immediate disqualification.**
8. Failure to submit a valid link will lead to a *loss of points*.

If you choose to upload a YouTube video:
Upload an unlisted video (public videos will also be accepted) on a YouTube page and upload the link to the same

If you choose to upload your video on Google Drive:
Make sure your video is Public.

7. Judging Criteria

1. **Innovation beyond given requirements:** (10 points)
    - **Feature Novelty:** Judges will assess the uniqueness and creativity of any additional features introduced beyond the ones given in the problem statement, focusing on their contribution to the project's overall innovation.
    - **Implementation Quality:** The evaluation will consider the effectiveness, integration, and functionality of these additional features, emphasizing how well they enhance the project's design and purpose.

2. **Feasibility of the Solution:** (15 points)
    - **Practicality:** The solution's ability to be implemented within the given constraints will be evaluated, focusing on the project's overall feasibility.
    - **Implementation:** The potential for the project to reach practical implementation will be considered, with emphasis on a well-defined roadmap and clear, achievable milestones.
    - **Inclusivity:** The team's approach to inclusive solutions, considering diverse perspectives and potential beneficiaries, will be evaluated.

7. Judging Criteria

3. Marketing/ Media Strategy: (10 points)
- **Outreach Strategy:** Judges will consider the team's plan for marketing and promoting their solution to the target audience.
- **Target Audience:** The team's understanding of the intended audience and how they plan to engage them will be evaluated.
- **Real-World Applicability:** The potential for the prototype to thrive and impact the real world, considering marketing and media efforts, will be considered.

4. Monetization Strategy: (10 points)
- **Revenue Model:** The approach to generating revenue from the solution will be reviewed, with attention to the structure and clarity of the financial sustainability plan.
- **Scalability:** The potential for scaling the solution and increasing its revenue over time will be considered. A monetization strategy that demonstrates scalability and growth potential will score higher.

7. Judging Criteria

5. Following of the Format (5 points):

- **Adherence to Rules:** Judges will assess how well the team has followed the prescribed format for the PPT and Video submission.

8. Registration Process

1. Visit https://hackathon.manipal.edu/ to begin the registration process.
2. To create an account, click the "Login" button located at the top right corner of the website.
3. Participants are required to sign up by providing the necessary details.
4. Upon completing the registration, they must verify their account by clicking the confirmation link sent via email.
5. Once registered, participants can log in to access their personal dashboard. To form a team, they should enter the team name and invite the team members.
6. Each team member must have an account and accept the invitation to join the team.
7. Notifications will be sent if any member is already part of another team.
8. Team members and teams can be deleted as needed.

9. Contact Us

MIT Student Council 2024

Nishtha Singh: **+91 70134 93752**
Ananya Parashar: **+91 74001 25968**
Dishita Mohan: **+91 82406 72604**

Manipal Hackathon 2024 Core Committee

Anshu Kantipudi: **+91 98660 56570**
Dillon Almeida: **+91 86686 33682**
Mustafa Haji: **+91 97738 88772**