Hardware Tracks:The Journey to a Smarter World

The world is changing fast, and technology is at the center of it all. However, there are still big challenges to solve. Industries need smarter systems, everyday life could use more creative gadgets, and there's always room for bold, new ideas.

This competition invites you to step up and create hardware solutions that make life better. From improving industrial processes to building fun and imaginative gadgets, or even exploring completely new possibilities, the stage is yours.

1.Industrial Automation: Smarter Systems for a Better Tomorrow

Industries are essential to the world, but many still rely on outdated systems. Your task is to build hardware that improves efficiency, reduces waste, or solves real problems in factories, warehouses, or logistics

Example Challenges:
- Build a robotic arm for simple tasks like sorting or assembling.

"This is just one idea—feel free to create any hardware solution that could make industries smarter or more efficient."

2. DIY Fun Gadgets: Bringing Joy Through Creativity

Life can be stressful, and we all need a little fun. This track is all about creating gadgets that amaze, entertain, or inspire creativity. Think of devices that bring a smile to people's faces or make everyday life a little more exciting.

Example Challenges:
- A box that can only be opened after solving a sequence of tasks, like pressing buttons in order.

"Let your imagination run wild—build anything that adds fun or sparks creativity."

3. Open-Ended Problems: Imagine the Future

This track is for your wildest ideas. You can solve a real-world problem, create a futuristic gadget, or explore something completely unique. The only limit is your imagination.

Example Challenges:
- Develop a drone-based home security system.

*"No boundaries here—your idea can be as bold and unique as you want.***"**

Student Head(Hardware Competition):
Nainesh Gurav
Arya Kavani

Datathon Online Submission Guidelines

(Hardware Tracks)

Submission Requirements

Participants of the Datathon event must submit the following:

1. **A short video** demonstrating the working of their project.
2. **A brief PowerPoint presentation (PPT)** explaining their project, including:
   - Project Overview
   - Methodology and Approach
   - Results and Key Insights
   - Conclusion and Future Scope
   - Team Details (Name, Email Address of Each Member)

Submission Process

- A **Google Drive link** will be provided for uploading the video and PPT.
- Ensure that your submission is uploaded **before the deadline** to be considered.
- Name your files in the following format:
  - Video: `TeamName_ProjectName.mp4`
  - PPT: `TeamName_ProjectName.pptx`

Evaluation & Shortlisting

- All submissions will be **scrutinized** by our panel of judges.
- The **best entries** will be selected for an opportunity to **showcase their project at SCET**.
- Selected teams will be given a chance to **demonstrate their project at SCET** and then further **evaluated for winning positions**.
- Selected teams will be notified via email.

Contact & Support

For any queries or issues regarding submission, please reach out to us at

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We look forward to your innovative projects! Best of luck!