

INNOVATEX 4.0 – Presidency University

MakerSpace Cluster | BuildWithAI – 24 Hour Innovation Hackathon

Event Overview

Field	Details
Event Name	BuildWithAI – 24 Hour Innovation Hackathon
Event Type	Hackathon
Mode	Offline
Team Size	4 Members
Duration	24 Hours
Registration	Internal & External

Event Task / Objective

BuildWithAI – 24 Hour Innovation Hackathon is an **open innovation challenge** where participants design and develop a **unique product using Artificial Intelligence as a tool** within 24 hours. Teams can build solutions such as a **mobile app, web application, software platform, or automation tool**, based on their idea.

The goal is to create a **working Minimum Viable Product (MVP)** that demonstrates originality, functionality, and real-world usefulness. The product must be **innovative and different from commonly available tools**, and teams should clearly explain what makes their idea unique.

Design / Technical Specifications

- Participants may use any programming language, frameworks, or AI tools.
 - Use of pre-trained AI models and APIs is allowed.
 - Pre-built projects, templates, or copied repositories are strictly prohibited.
 - All development must be performed during the hackathon duration.
 - Teams must maintain a public GitHub repository.
 - Teams are required to push code at regular intervals (recommended: every hour).
 - Participants must be able to explain their architecture and implementation.
 - All projects and content developed during the hackathon must adhere to ethical standards and should not include any vulgar, offensive, harmful, or inappropriate material. Any violation of this guideline may lead to disqualification.
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General Guidelines

1. Each team must consist of up to **4 members**.
 2. All development must occur within the hackathon duration.
 3. Teams must maintain a GitHub repository with regular commits.
 4. Participants must follow instructions given by organizers and judges.
 5. Decisions of the judging panel will be final.
 6. The hackathon will run continuously for 24 hours.
 7. All team members must actively participate throughout the hackathon.
 8. Teams must develop their solution from scratch during the event.
 9. Organizer will provide basic power and internet connectivity.
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Safety Rules

1. Participants must follow venue safety instructions.
 2. Electrical equipment must be used responsibly.
 3. Any damage to property will be the responsibility of the team.
 4. Misconduct or unsafe behaviour will lead to disqualification.
 5. Participants are responsible for the safety of their personal belonging.
 6. In case of any medical or safety emergency, participants must immediately inform the organizing team or volunteer.
 7. Any form of misconduct, harassment, or unsafe behaviour will result in immediate disqualification.
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Event Rounds / Structure

PHASE 1 – IDEA SUBMISSION & SCREENING (Pre-Event)

Teams submit:

- Problem statement
- Proposed solution
- AI usage concept
- Impact & scalability
- Feasibility

Goal: Filter serious and original ideas.

Selection: Top teams move to hackathon.

PHASE 2 – DEVELOPMENT & MIDWAY EVALUATION (During 24H)

Teams must show:

- Architecture
- AI workflow
- GitHub progress
- Prototype progress

Requirement: Hourly GitHub commits.

Mentor checkpoints: Validate originality.

PHASE 3 – FINAL MVP & PRESENTATION

Teams submit:

- Working product
- GitHub repo
- PPT
- Demo

Shortlisted teams present to judges.

PHASE 4 – GRAND JURY / WINNER SELECTION

Top teams evaluated deeply on:

- Innovation
- Scalability
- Impact
- Execution

Winners announced.

Submission Guidelines

Final submission must include:

- Working product or prototype
- GitHub repository link
- Presentation slides
- Documentation / README
- Explanation video.

Late submissions will not be accepted.

Judging Criteria

Criteria	Weightage
Innovation & Uniqueness	25%
AI Integration & Technical Implementation	25%
Functionality & Execution	20%

Criteria	Weightage
Scalability & Practical Impact	20%
Presentation & Clarity	10%

EVALUATION METHOD

- Each judging parameter will be scored independently by the judges.
 - The final score will be calculated as the **average of all judges' scores**.
 - Projects must demonstrate both **original thinking and working implementation** to receive higher scores.
 - In case of a tie, priority will be given to:
 1. Innovation & Uniqueness
 2. Functionality
 3. AI Integration
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Scoring Overview

Evaluation Area	Weightage (Marks)
Innovation & Uniqueness	25
AI Integration & Technical Implementation	25
Functionality & Execution	20
Scalability & Practical Impact	20
Presentation & Clarity	10
Total	100

Penalties & Disqualifications

Teams may be disqualified for:

- Use of pre-built code
 - Fake or backdated GitHub commits
 - Misconduct or rule violations
 - Failure to demonstrate working progress.
 - Providing false information.\
 - Submission of projects that do not align with the approved idea.
 - Failure to maintain hourly GitHub commits.
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Awards & Recognition

Category	Prize	Remarks
1st Prize	₹20,000	Winner

2nd Prize	₹15,000	Runner-up
3rd Prize	₹10,000	Technical Merit

Event Team

Role	Name	Department / Club	Contact
Event Lead	Vijay Kumar	Computer Science and Engineering	+91 9151599178

General Instructions

- Follow all university and Makerspace cluster policies.
 - Respect judges, peers, and staff.
 - Any form of plagiarism or code reuse will lead to disqualification.
 - Decisions of the judges are final and binding.
 - Certificates will be awarded to all valid participants.
 - Participants must carry a valid id cards during the event.
 - Teams must complete all development work only during the hackathon duration.
 - The detailed itinerary, schedule, and event flow will be communicated to all participants at the venue before the start of the hackathon.
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Official Note

This Rule Book serves as the official guideline for all Makerspace Cluster events under INNOVATEX 4.0, Presidency University.

Any updates or clarifications will be communicated officially via the Makerspace WhatsApp community and notice board.