



Bansilal Ramnath Agarwal Charitable Trust's

Vishwakarma Institute of Information Technology, Pune

(An Autonomous Institute Affiliated to Savitribai Phule Pune University)

(Approved by AICTE, New Delhi)

NAAC Accredited with 'A' Grade, ISO 9001: 2015 Certified



(I2IC) Industry Institute Interaction Council – Training and Placement Cell – VIIT Pune

NIRMAAN HACKATHON THEME: CAMPUS URBANIZATION

Description:

The Campus Urbanization theme invites participants to envision and develop technology-driven solutions that redefine campus life. The aim is to create a smarter, more efficient, and sustainable environment by addressing challenges faced in modern educational institutions. From automating everyday services to enhancing collaboration among students and staff, the scope of this hackathon is vast and impactful.

Participants are encouraged to use their creativity and technical skills to build innovative systems that tackle various aspects of campus urbanization. This includes optimizing resource management, improving mobility and accessibility, and enhancing the overall student experience. By integrating advanced technologies like AI/ML, Web Development, Blockchain, or a combination of these, teams can contribute towards building a campus that is not only smart but also sustainable and inclusive.

This hackathon is an opportunity to rethink traditional campus operations and pave the way for digital transformation. Your ideas and implementations can lead to solutions that are scalable and adaptable to different educational settings, setting a benchmark for future-ready campuses.

TRACKS OR TECHNOLOGIES:

1. Web Development / App Development
2. AI/ML Systems
3. Blockchain Technology

Note: Student can use any one of the above track or multiple tracks.

Rounds

Round 1: Ideation Round

- **Deadline:** 28th January 2025, 11:59 PM.
- Teams must submit their ideas via a detailed PPT.
- The PPT must adhere to the provided format.

NOTE: The PPT must consist ONLY 6 slides (excluding the "title/cover slide and "Thank You" slide).

- **Focus Areas:**
 - Highlight the problem being addressed.
 - Provide a clear and concise proposed solution.
 - Mention the chosen track(s) and their role in solving the problem.

- **Problem Statement Release:**

The specific problem statements will be shared when the hackathon starts, i.e., on **30th January 2025**. Participants can then use the problem statement to refine and finalize their proposed solutions during this round.

Round 2: Evaluation and Prototype Submission

- This round will take place on 30th and 31st January.
- All teams will automatically advance to this round after submitting their ideas in the Ideation Round.
- Teams will build a prototype of their solution based on their submitted idea.
- The prototype must:
 - Showcase the core functionality of the solution.
 - Demonstrate usability and alignment with the chosen problem statement and track(s).
- **Presentation Requirements:**
 - Teams must provide a working demo of their prototype.
 - Include a roadmap for scalability and future development.

- **Evaluation Criteria:**

Evaluation will be based on the following criteria:

- Innovation: Originality and creativity of the solution.
 - Feasibility: Practicality and scalability of implementation.
 - Technology Integration: Effective use of chosen technologies.
 - Impact: Potential benefits for campus automation and modernization.
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- **Contact Information:**

For any queries, reach out to

- **Email:** 1) pratik.22020067@viit.ac.in 2) om.22211399@viit.ac.in

- **Phone:** 1) Pratik Mahajan - 7841099907

2) Om Kulthe – 8855858636

Good luck, and let's shape the future of our campus into a hub of innovation and smart urbanization!