

ConCastle 2026

Planning of Open Ground Spaces Between Hostels

Online Civil Engineering Competition

Problem Description

The IIT Indore campus includes open ground spaces between hostel clusters that offer significant potential for enhancing student life, community interaction, and environmental sustainability.

This problem focuses on scientific planning and civil engineering design to create inclusive, functional, and future-ready utilization of these spaces.

Participant Tasks

Participants are required to:

- Analyze open ground spaces in terms of area, accessibility, surroundings, and usage
- Identify social, recreational, and functional needs of hostel residents
- Propose a comprehensive layout plan including recreation, green areas, pathways, community spaces, and flexible-use zones
- Ensure sustainability, inclusivity, ease of maintenance, and future adaptability

Eligibility & Team Structure

- Open to students from all backgrounds; no prior biology experience required
- Participation is in teams of at least two members
- Teams must register via the circulated Google Form before the deadline

Competition Format

- All teams receive the same real-world problem statement
- **Preparation Phase:** Fixed time to analyse and develop the solution
- **Presentation Phase:** Teams present their solution to the jury
- **Q&A Phase:** Jury evaluates conceptual clarity

Rules & Regulations

Internet Policy

- Internet access is allowed during the Preparation Phase
- Internet access is prohibited during Presentation and Q&A
- Submissions must be finalised within the allotted preparation time
- Plagiarism or unfair means lead to immediate disqualification

Judging & Evaluation (100 Marks)

Problem Understanding	20	Clarity of core issue and constraints
Innovation	25	Novelty and creativity of solution
Feasibility	25	Practical implementability
Presentation	15	Communication and clarity
Teamwork & Q&A	15	Collaboration and defence of ideas

Awards

Best-performing team(s) will be recognised based on jury evaluation.

Rules are subject to change at the discretion of the organisers.
Further instructions will be communicated to registered participants.