INTER IIT
TECH MEET 14.0

R&I

Engineers' Conclave

INTER IIT
TECH MEET 14.0

About Engineers' Conclave

"A nation's progress is powered not just by ideas, but by the resolve to turn those ideas into reality", said by N.R. Narayana Murthy.

The **Engineers' Conclave** of the 14th Inter IIT Tech Meet stands as a tribute to India's spirit of **Atmanirbhar Innovation** - a celebration of ideas conceived, crafted, and realised by the nation's brightest engineering minds. It embodies the belief that technological progress thrives when knowledge meets purpose, and vision transforms into creation.

At the Conclave, student-built projects from IITs across the country take centre stage - each addressing contemporary challenges in science, technology, and society with indigenous ingenuity. The event fosters collaboration between young innovators and industry leaders, encouraging solutions that are not only innovative but also sustainable, scalable, and rooted in India's context.

More than a showcase, the Engineers' Conclave is a launchpad for self-reliant engineering excellence, empowering students to transform ideas into impact and design the future "**by Bharat, for Bharat**."

Theme

"Atmanirbhar Innovation" encapsulates India's collective stride toward technological self-reliance, driven by indigenous creativity, sustainable engineering, and visionary design. It highlights the power of Indian intellect and innovation in addressing local challenges with solutions that are globally relevant. The theme envisions an India where engineers, researchers, and entrepreneurs work together to craft technologies that are conceived in India, created for the world, forging a future defined by resilience, sustainability, and self-sufficiency.

This year's theme celebrates the spirit of *Atmanirbharta*, not merely as independence from external dependence, but as the confidence to innovate, design, and build within. It urges young minds to reimagine engineering as a catalyst for national transformation, developing technologies that empower citizens, strengthen industries, and sustain the environment. "Atmanirbhar Innovation" embodies the belief that true progress stems from self-driven creativity, where India's engineers don't just adapt existing systems, but pioneer new ones that redefine what's possible.

Empowering, visionary, and forward-looking, this theme captures the optimism of a nation engineering its destiny through knowledge, innovation, and purpose-driven progress. It calls upon the youth of IITs to be engineers of self-reliance, shaping technologies that are by India, for the world.

Guidelines for Project Participation

To be eligible for participation in EC, a project must fulfil **at least ONE** of the following criteria.
All submitted projects must have at least one currently registered student as an active collaborator.

1. **Patent-Filed Projects:**
   The project has a filed and accepted patent.
2. **Student Technical Teams:**
   For projects by student technical teams affiliated with the Dean (R&D) or an equivalent body, an attestation from the faculty advisor must be provided. This should confirm the project's presentation at EC and list the current students actively involved as collaborators.

3. **Faculty-Student Collaborative Projects:**
   Projects developed in collaboration with a faculty member must include an attestation from the concerned professor, confirming both their involvement and that of a current student participant.

4. **Projects Under Patent Application Process:**
   For projects not covered under the above categories, the application for patent filing must be submitted to the Institute's R&D administration (or equivalent). A confirmation or proof of a genuine patent application submission is required.

Guidelines

- Each IIT may submit a **maximum of two (2) projects** in total.
- For projects with a filed patent, the following conditions must be met:
  - The patent application should have been filed/accepted (it may or may not have been granted yet).
  - There must be at least one currently registered student listed as a principal inventor.
  - The participating IIT must be explicitly mentioned among the organisations involved in the patent documentation.

Submission

Deadline: 30th November 2025

1. **Powerpoint Presentation**
   - Problem Statement
   - Proposed Solution

2. **Poster**
    - Project Title
    - Abstract
    - Methodology
    - Results and Conclusion
3. **Prototype**
    - A working or demonstrable prototype.
4. **Proofs** (If applicable)
    - Of patent filing or acceptance
    - Of industry collaboration

Evaluation and Scoring

Maximum Score (per project): 10^a + 20(graded) + 20 (graded) + 5^b + 5^c = 60 points

- **Project Submission (a)**
  Recognizes the effort in compiling a complete and compliant project submission including Powerpoint Presentation, poster, and prototype details. About the parameter, **a = 1** if the submission is done within deadline, and **a = 0** otherwise. ***(10 Points)***
- **Presentation and Poster**
  Assesses the clarity, organization, and delivery of the presentation and poster. ***(20 Points)***
- **Prototype Evaluation**
  Assesses the functionality and technical maturity of the working or demonstrable prototype, highlighting innovation beyond conceptual design.
  (20 Points)

- **Patent Filing / Acceptance (b)**
  Rewards originality and intellectual property creation through successful filing or acceptance of a patent application. About the parameter, b = 1 if the proof of patent of pantent filing or acceptance, and b = 0 otherwise.
  (5 Points)

- **Industry Collaboration / Technology Transfer (c)**
  Credits projects achieving industrial collaboration, adoption, or technology transfer, showcasing real-world applicability and impact. About the parameter, **c = 1** if the proof of collaboration has been submitted, and **c = 0** otherwise. ***(5 Points)***