INTER IIT
TECH MEET 13.0

ENGINEERS' CONCLAVE

About Engineers' Conclave

To quote "Engineers are the architects of a nation's future".
As Ratan Tata has shown, true leadership isn't just about building companies- it's about building possibilities, inspiring innovation, and creating a legacy that empowers generations. Building impactful projects with the knowledge we possess is one of the goals of the Inter IIT Tech Meet.

The Engineers' Conclave provides a platform for student built projects to get their required and deserved the spotlight.

The projects in the Conclave are focused on addressing issues in varied engineering sectors and also allows these builders to interact with industry professionals and peers from other IITs, to gain knowledge, and forge future partnerships.

Theme

Viksit Bharat@2047 represents the government of India's ambitious vision to transform the nation into a developed entity by the centenary of its independence in 2047.

Encompassing diverse facets of development such as economic prosperity, social advancement, environmental sustainability, and effective governance. This vision underscores the critical juncture at which India currently stands.

Realizing this vision demands unwavering dedication, a firm belief in India's destiny and a profound recognition of the vast potential talent and capabilities of its people, particularly the youth.

With the largest demographic share, the youth are positioned as the vanguard in leading India towards recessive Bharat by 2047.

1. Promote digital economy & fintech, technology-enabled development, energy transition, and climate action.

2. Building world-class infrastructure and facilities in both rural and urban areas.

3. Eliminating unnecessary interference by the government in the lives of citizens and promoting digital economy and governance.

4. Becoming self-reliant in defence and space sectors and enhancing India's role in the world.

5. Fostering green growth and climate action by increasing renewable energy capacity and reducing carbon emissions.

6. Empowering the youth with skills and education and creating more employment opportunities.

Guidelines

For a project to be eligible for participating in EC, it should satisfy one of the following eligibility criteria:

1. A patent is filed and accepted on the project. At least one of the registered inventors should be the current student of the institute.
2. For student technical teams affiliated to Dean RnD or equivalent need to provide the attestation of project to be presented in EC by faculty advisor along with current students involved as an active collaborator.
3. Project is done in collaboration with the professor, an attestation from the professor is required confirming his/her and a current student's involvement in the project.
4. Project not falling in the above three categories, its application must be submitted for the patent filing at institute's RnD administration or equivalent. A confirmation/proof of genuine application needs to be submitted.

Each IIT is allowed to submit a **maximum of THREE** projects overall.
- The three top projects shall be selected as the "Best Projects"
- If a patent has been filed the patent application should have been accepted (may or may not be granted yet)
- have at least one current registered student as a principal inventor,
- mention of the participating IIT in the organizations involved.

Submission

Deadline: 4th December 2024

- Report (maximum of 6 pages)
- Problem Statement (including motivation and survey)
- Proposed Solution (including insights and test results)
- Poster [template will be shared]
- (If Applicable) Proof of filing of patent
- (If Applicable) Prototype (should fit under 50x50x50 cm3)

Evaluation

Maximum Score (per project): 30 + 20 (graded) + 5

- Each project presented by an IIT in the Engineers' Conclave will earn 30 points,
- Prototype shall be evaluated by a panel of judges out of 20 points depending upon how well the prototype complements the poster. The scores from each judge will be normalized and averaged, before being scaled to the 20 allocated points. Grading is at the discretion of judges.
- An additional 5 points for filing a patent.

The top three projects will be awarded with a "Best Project" award (with no additional points)