

Centre for Engineering Education Excellence (CEEE) 2026 - 2027

1. About CEEE

The **Centre for Engineering Education Excellence (CEEE)** is a landmark initiative of Indian National Academy of Engineering in partnership with Infosys Foundation, aimed at transforming the quality of engineering education in India. Implemented in collaboration with All India Council for Technical Education and leading Indian Institutes of Technology, the program is fully supported through CSR funding by Infosys Foundation and executed nationwide by INAE across five zones.

CEEE focuses on mentoring faculty from AICTE-approved engineering institutions, addressing critical gaps in teaching quality and industry readiness among graduates. The initiative responds to India's pressing developmental challenges—such as energy, infrastructure, and healthcare - by strengthening the foundation of engineering education and enhancing faculty competence.

Program Objectives

1. To enhance the quality of engineering education across institutions through structured mentorship and capacity-building initiatives.
2. To strengthen the pedagogical skills of faculty members using modern teaching-learning methodologies.
3. To bridge the gap between academic curriculum and industry requirements.
4. To foster innovation, critical thinking, and problem-solving abilities among students.
5. To create a collaborative ecosystem involving premier institutions, mentors, and mentee institutes.
6. To promote continuous professional development and upskilling of engineering faculty.

Program Outcomes

1. Improved teaching effectiveness and adoption of outcome-based education practices by faculty.
2. Enhanced student learning experiences and academic performance.
3. Increased alignment of engineering education with industry and societal needs.
4. Strengthened institutional capacity through mentorship and knowledge-sharing.
5. Development of a sustainable network of mentors and mentee institutions.
6. Greater emphasis on innovation, research, and practical application of knowledge.

2. CEEE Centres

CEEE Centres are premier mentoring institutions, namely the Indian Institutes of Technology (IITs), leveraging their academic excellence and research expertise.

Guidelines for Allocation and Operation of CEEE Centres

- Mentees are assigned to CEEE Centres based on the availability of relevant domains.
- The first preference of mentees will be given due consideration during the allocation process.
- Each CEEE Centre is expected to have an optimal strength of 50 mentees.
- CEEE Centres may be merged in cases where vacancies are not adequately filled.
- If a Centre is unable to meet the required enrolment, it may be deemed unavailable to conduct the course.
- INAE reserves the right to reassign mentees or restructure Centre allocations to ensure optimal utilization of resources and effective program delivery.

CEEE Centres are:

1. IIT Kharagpur
2. IIT Bombay
3. IIT Madras
4. IIT Kanpur
5. IIT Delhi
6. IIT Guwahati
7. IIT Gandhinagar
8. IIT Hyderabad
9. IIT Indore

3. Domains/Sub Domains Covered

Domain 1(a): Computer Science and Information Technology

Domain 1(b): Artificial Intelligence/Data Science + Machine Learning

Domain 2 (a): Power Systems & Machines

Domain 2 (b): Electronics and Communication

Domain 3: Mechanical, Aerospace, and Energy Engineering

Domain 4: Materials, Chemical, and Biomedical Engineering

Domain 5: Civil and Environment Engineering

4. Domains offered by various Centers

To be Declared

5. Program Structure

The program consists of two mandatory phases under the following models:

➤ **Model 1:**

Phase 1: Hybrid model of Offline (Physical) Mentoring for 2 weeks at one of the CEEE centres (IITs) and

Phase 2: Online Mentoring for 2-3 weeks.

➤ **Model 2:**

Phase 1: Offline model (Physical Mentoring) for 3 weeks at one of the CEEE centres (IITs)

Phase 2: 1 week of online doubt clearing sessions.

6. Mentors

CEEE mentors are experienced faculty and experts from IITs and other leading institutions, bringing deep academic and industry knowledge. They guide mentee institutions through structured support, capacity building, and best practices to enhance teaching, research, and overall academic quality.

7. Mentees

CEEE mentees are faculty members from AICTE-affiliated engineering colleges participating in the program. They engage with mentors to strengthen teaching practices, upgrade skills, and improve the overall quality of engineering education.

Guidelines for Mentees

Faculty members selected as mentees under the Centre for Engineering Education Excellence (CEEE) program shall adhere to the following guidelines:

1. Eligibility & Nomination

- 1.1 Faculty members from AICTE-approved engineering institutions are eligible.
- 1.2 Preferably possess a minimum of three (03) years of teaching experience in core engineering Domains/Sub domains.
- 1.3 Must be actively teaching subjects aligned with CEEE-identified Domains/sub domains.
- 1.4 Participation shall be through:
 - Institutional endorsement, or
 - Self-nomination with mandatory institutional recommendation/NOC, or
 - Nomination by an INAE-empanelled mentor (Eligible as sponsored by Mentor)

2. Attendance & Participation

- 2.1 Attendance across all program components is mandatory.
- 2.2 Attendance compliance is a prerequisite for course completion certification.

3. CEEE Portal Usage & Academic Compliance

- 3.1 All mentees shall use the designated CEEE Portal for registration, academic activities, submissions, and feedback.
- 3.2 Accuracy and integrity of information submitted during registration shall be the sole responsibility of the mentee.

4. Financial Provisions

- 4.1 A training support of upto ₹50,000 shall be provided towards travel, accommodation, and incidental expenses for CEEE program in 2-3 tranches.
- 4.2 Disbursement is subject to attendance compliance, completion of program requirements, and submission of necessary documents.

5. Family & Personal Arrangements

- 5.1 No facilities shall be provided for family members or children.
- 5.2 Food, accommodation, and travel arrangements shall not be extended to dependents.

6. Certification

A joint course completion certificate shall be issued by AICTE, INAE, and collaborating IITs subject to compliance of above conditions.