

## About IEST Shibpur

IEST, Shibpur (Erstwhile "Bengal Engineering College") is the first college to become Indian Institute of Engineering Science and Technology (IEST) in India in 2014. The Institute has a rich history. It is empowering the nation since 1856. Considering the year of graduation it is the 2nd oldest engineering college in India. It has 16 departments and 8 schools. Mechanical Engineering, established in 1921, is one of the oldest departments of IEST Shibpur. Kindly click on the [link](#) for more information.

## Outcome of the Faculty development Program

The Faculty Development Program (FDP) on 'Frontiers in Advanced Manufacturing Technologies' aims to enhance the knowledge and research skills of faculty members and researchers in emerging manufacturing domains. The program will cover recent trends and advanced technologies through expert lectures and interactive sessions.

- **Pedagogical advancements** by integrating cutting edge knowledge into academic curricula.
- **Research and collaboration** opportunity among faculty, researchers, and industry experts.
- **Enhanced technical expertise** in the latest advancements in manufacturing technologies such as additive manufacturing, smart factories, and automation systems.

## Resource Persons

The session speakers will be eminent faculties and researchers from various IITs, NITs, Industries and other reputed engineering institutes and organizations. Some of our notable speakers are:



Prof. A. K. Nath  
IIT Kharagpur



Prof. U. S. Dixit  
IIT Guwahati



Prof. Partha Saha  
IIT Kharagpur



Prof. G. Sarvana  
Kumar, IIT Madras



Prof. D. K. Pratihara  
IIT Kharagpur



Prof. B. Bhattacharyya  
Jadavpur University



Prof. Suryakumar S  
IIT Hyderabad



Dr. Ashesh  
Chattopadhyay  
University of California

## Session themes

- Additive Manufacturing and Design for Additive Manufacturing
- Surface Engineering in Advanced Manufacturing Technology
- Advanced Material Characterization Techniques
- Micro and Nano Manufacturing
- Advanced Material Testing
- Robotics in Advanced Manufacturing Technologies
- Artificial Intelligence and Machine Learning
- Digital Twins and Intelligent Manufacturing
- Optimization Techniques of Manufacturing Technologies
- Quality Management Systems

## Registration for FDP

**Participants:** Faculties, Researchers and Students from Academia and Industry.

**Registration charge for all participants:** INR 1,000 per participant + 18% GST= INR 1,180 (total).

## Registration Payment Details

### NEFT Details:

**Bank Name:** Punjab National Bank

**Beneficiary Name:** IEST, Shibpur

**A/C Name:**

Continuing Education Centre BESUS

**A/C No.:** 1532010011963

**IFSC Code:** PUNB0153220

**UPI ID:** 9432104410m@pnb

Kindly mention “**FiAMT-2025**” during payment.



The participants need to fill the following registration form after payment of fee:

<https://forms.gle/GHXJM8n7MDP4Y9B3A>

For any queries, kindly contact:

- **Dr. Rajib** ([rajib@mech.iests.ac.in](mailto:rajib@mech.iests.ac.in))
- **Dr. Shahid** ([shahid@mech.iests.ac.in](mailto:shahid@mech.iests.ac.in))



## 5-Day Faculty Development Programme on

## Frontiers in Advanced Manufacturing Technologies



**01 – 05 December 2025, Online Mode**

Organized by

Department of Mechanical Engineering,  
Indian Institute of Engineering Science and  
Technology Shibpur, ( formerly BE college),  
Howrah, West Bengal, India-711103

## Important Dates

Registration opening: **Oct 27, 2025**

Registration closing: **Nov 30, 2025**

## Coordinators:

**Prof. Subhas Chandra Mondal**, Professor and  
Head of the Department

**Dr. Rajib Chakraborty**, Assistant Professor

**Dr. Mohammad Shahid Raza**, Assistant Professor