

## Important Dates

- ❖ Paper Submission Deadline -15 February 2025
- ❖ Paper Acceptance Communication -20 February 2025
- ❖ Full Length Paper Submission Deadline -23 February 2025
- ❖ Registration Start Date -20 February 2025
- ❖ Registration Deadline -05 March 2025

Articles will undergo peer review by the Technical Program Committee and external reviewers to determine their suitability for conference publication. For any submission issues, please contact [icetmr@ipeec.org.in](mailto:icetmr@ipeec.org.in). Authors will be notified of acceptance decisions via email. Selected and presented papers, after necessary revisions if required, will be submitted to the IPEC Journal of Science and Technology (ISSN No. 2583-3286) & other reputed Journals.

## Registration Charges

Category	(INR)
Academician/ Faculty member	500
Industry Participants	500
Students at the UG/PG/Ph.D. Levels	250
Members of IEEE and IIE	250

## Paper Submission

Please scan the QR CODE For Paper Submission

Please scan the QR CODE For Registration  
OR

Account Details : HDFC BANK  
ACCOUNT NO. : 50100087471211  
IFSC : HDFC0000153



Paper Submission

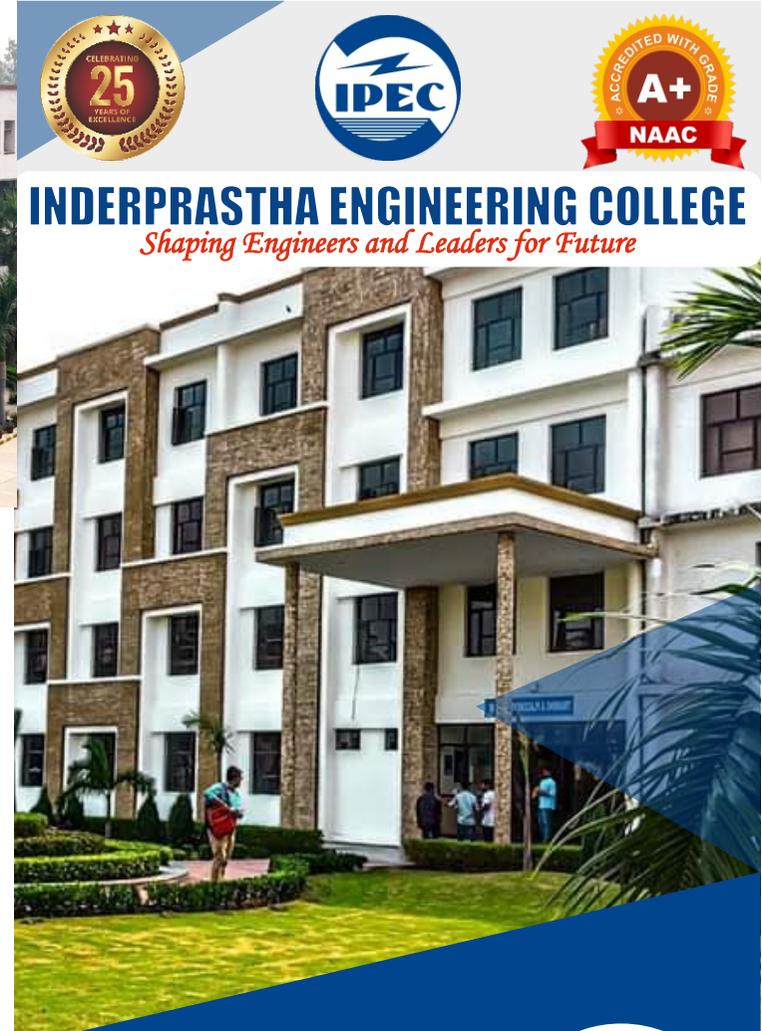


For Registration



Contact Us :

Dr. Jugul Kishor Gupta (+91 9717966565)  
Mr. Arun Kumar Shukla (+91 9799491524)  
Email Id: [icetmr@ipeec.org.in](mailto:icetmr@ipeec.org.in)



**INDERPRASTHA ENGINEERING COLLEGE**  
*Shaping Engineers and Leaders for Future*



# INDERPRASTHA ENGINEERING COLLEGE

*Shaping Engineers and Leaders for Future*

☎ 0120- 4535000, +91 7428787744  
+91 7902105215

Website: [www.ipeec.org.in](http://www.ipeec.org.in)

63, Site-IV, Sahibabad Industrial Area,  
Sahibabad, Ghaziabad, Delhi NCR -201010  
Near Vaishali Metro Station & Anand Vihar Railway Station

@/ipeec30



f /ipeec30



@/ipeec30



**IPEC- Technology Business Incubator (IPEC-TBI)**  
MSME Approved Business Incubator  
**Incubation Enquiry**

☎ 0120- 4535079, +91 9650700776

# ICETMR 2025

## International Conference on Emerging Trends in Multi-Disciplinary Research

Hybrid Mode | 21 & 22 March, 2025  
IPEC, Ghaziabad

## About Us

INDERPRASTHA ENGINEERING COLLEGE (IPEC) is one of the most preferred engineering college in Ghaziabad, Delhi NCR region for aspiring engineers, technocrats & budding managers. It was established in the year 2000, by leading academicians and business leaders in North India, under the aegis of Shail Garg Shiksha Sansthan, a non-profit making society. Total area of the institute is 6.45 acres. IPEC has a rich alumni base of 18000+ students, and best placement with 200+ recruiters with 24+ years of excellence and has now become a pioneer in the field of Technical Education, extracurricular activities, placement offers, Faculty and other facilities. IPEC is running courses in B. Tech. Computer Science & Engg., CSE (AIML), CSE (Data Science), CSE (AI) Information Technology, Electronics & Communication Engg., Mechanical Engg. and M. Tech. Computer Science & Engg. Apart from this College is also running MBA, MCA, BBA & BCA courses. The institute is accredited by NAAC with a grade of A+ (score 3.30) in Cycle-2. The Institute focuses on Outcome Based Education (OBE), Practical Based Learning, Project Based Learning, Skill Based Learning. Apart from this the institute's priority is to focus on academics, innovation and entrepreneurship culture, employability, Industry Institute Interaction and Research.

This conference resonates deeply with the visionary objectives of the AICTE IDEA Lab and the TBI (Technology Business Incubator) cell, serving as a dynamic platform to foster innovation, creativity, and entrepreneurship. By bringing together researchers, industry experts, and academicians, the event aims to cultivate a spirit of interdisciplinary collaboration and hands-on learning, which are key pillars of the AICTE IDEA Lab initiative.

The AICTE IDEA (Idea, Development, Evaluation and Application) Lab is an initiative aimed at fostering innovation and creativity among students and faculty by providing a dynamic space equipped with advanced tools and resources. The lab encourages hands-on learning through project-based activities, enabling individuals to turn their ideas into reality. With a focus on interdisciplinary collaboration, the IDEA Lab supports the development of innovative solutions, entrepreneurial ventures, and industry-relevant skills. By integrating design thinking, rapid prototyping and advanced manufacturing technologies, the lab empowers learners to become future-ready innovators and problem solvers, driving societal and technological progress.

The IPEC-TBI Cell is fully functional since 2009 in the institute to promote Innovation, Entrepreneurship and Self Employment among technical students as an attractive and viable career option. It is approved Business Incubator by Ministry of MSME. It is having 11 funded projects by MSME with the funding of Rs.66 Lakhs till date. Out of this one project titled Sewage Gas Generation was also appreciated by Prime Minister Sh. Narendra Modi Ji during his Speech on 10th Aug 2018 on "Bio Fuel Day" at Vigyan Bhawan. The cell is actively involved in promoting Innovation, Incubation & Entrepreneurship through various Pre-Incubation activities, Incubation Support, Mentoring in the areas of Technology, Management and Legal aspects.

Also IPEC-TBI is working actively in close coordination with different government bodies to conduct Intellectual Property right awareness programs and to set up Intellectual Property right felicitation centre in near future.

## Scope of the Conference

International Conference on Emerging Trends and Multidisciplinary Research, is a premier conference focusing on the advancement of the technology in multidisciplinary areas of engineering, applied sciences and management. The recent advancements in the research areas of electronics and communication engineering, mechanical engineering, computer science, artificial intelligence, data science, applied sciences and management related topics will be discussed in the conference. The main focus of ICETMR 2025 is to bring together the researchers, engineers, experts, and industry persons from multidisciplinary background on a common platform. This conference will pave the way for research collaborations in the upcoming advanced scientific & management fields. It will also feature expert talks from eminent speakers from academia.

## Theme of the Conference

The conference is seeking high impact and quality research papers from Research Scholars, Academicians, Scientists and Industry Professionals from all over the world for the following themes (the topics are not limited to these areas –

- ◆ Emerging Electronics , Optics/ Photonics Devices & Communications, Nano-materials, Device Fabrications & Applications, Communication Networks, Signal Processing, Embedded System & IoT.
- ◆ Advanced Materials and Nanotechnology, Additive Manufacturing and 3D Printing, Sustainable Manufacturing.
- ◆ Industry 4.0, Robotics, Renewable Energy Systems and Technologies.
- ◆ Software Engineering / AI&ML / Cloud Computing.
- ◆ Operational Behaviour & Emerging Managements.
- ◆ Recent Developments in the field of Physics, Chemistry and Mathematics.

### Chief Patron:

- ◆ Shri Vishnu Saran, Chairman, IPEC, GZB

### Patron:

- ◆ Mr. Puneet Aggarwal, Vice Chairman, IPEC, GZB
- ◆ Prof.(Dr.) Ajay Kumar, Director, IPEC, GZB

### Conveners:

- ◆ Prof. (Dr.) Jugul Kishor Gupta, Prof. & HOD, ECE Deptt. IPEC, GZB
- ◆ Dr. Rana Tabassum, Asso. Prof. , ECE Deptt., IPEC , GZB
- ◆ Dr. Pooja Dwivedi, Asst. Prof., ME Deptt., IPEC , GZB

### Co- Conveners:

- ◆ Dr. Swati Vaid, Asso. Prof., ECE, IPEC, GZB
- ◆ Mr. Arun Kumar Shukla, Asst. Prof. and Ind. Relationship Manager, IPEC, GZB

## Committee

### National Advisory Committee:

- ◆ Prof.(Dr.) Akshay Dvivedi, Dean, Sponsored Research & Industrial Consultancy, IITR
- ◆ Prof.(Dr.) Santosh Rangnekar, Department of Management Studies, IITR
- ◆ Prof.(Dr.) Arshad Noor Siddiquee, Dept. of ME, JMI, New Delhi
- ◆ Prof.(Dr.) Vikram Goyal, Department of Computer Science, IIIT Delhi
- ◆ Dr. Manisha Bharti , Asso. Prof., NIT, Delhi
- ◆ Dr. Harish Kumar, HOD, Dept. of ME, NIT New Delhi
- ◆ Prof.(Dr.) Narendra Singh Beniwal, BIET Jhansi, U.P.
- ◆ Prof.(Dr.) Divakar Yadav, IGNOU, New Delhi
- ◆ Prof.(Dr.) Sanjay Gairola, HOD, GBPIET, Pauri Garhwal, Uttarakhand
- ◆ Prof.(Dr.) Abhay Sharma, Dept. of ME, IIT, Jammu
- ◆ Prof.(Dr.) Meenakshi Sharma, DSW & IQAC Coordinator, IPEC, GZB
- ◆ Prof.(Dr.) Vikas Gupta, Principal, BBA, BCA, IPEC, GZB
- ◆ Prof.(Dr.) Vijai Singh, HOD, CSE Dept., IPEC, GZB
- ◆ Prof.(Dr.) Pooja Tripathi, HOD, IT Dept., IPEC , GZB
- ◆ Prof.(Dr.) Kumud Kundu, HOD, CSE-AIML Dept., IPEC, GZB
- ◆ Prof.(Dr.) Ragini Karwayun, HOD, MCA, IPEC, GZB
- ◆ Prof.(Dr.) S. P. Singh, HOD, ME Dept., IPEC, GZB
- ◆ Prof.(Dr.) Tripti Sharma, HOD, CSE-DS Dept., IPEC , GZB
- ◆ Prof.(Dr.) Neeta Verma, HOD, CSE-AI Dept., IPEC , GZB
- ◆ Prof.(Dr.) Neetu Goel, Dean AS&H, IPEC , GZB
- ◆ Dr. Mahjabin Banu, HOD, MBA, IPEC, GZB

### International Advisory Committee:

- ◆ Dr. Kuan Tak TAN, Asso. Prof., SIT, Singapore
- ◆ Prof. (Dr.) Vivek Jaglan, Director, City Institute of Higher Learning, Canada
- ◆ Dr. Avimanyou Vatsa, Asst.Prof., Fairleigh Dickinson University-Teaneck, USA
- ◆ Ms. Kseniia Rudaia HOD, International Affairs Southwest State University, Russia
- ◆ Mr. Rishi Gulati, VP, CIO @ Otsuka America Pharmaceutical, Inc., USA
- ◆ Mr. Vikas Aggarwal , Client Partner at TCS, California, USA
- ◆ Dr. Anu Sayal, Senior Lecturer, Taylor's University, Malaysia

### Technical Program Committee:

- ◆ Dr. Shafali Jagga, Asst. Prof., ECE Deptt., IPEC, GZB
- ◆ Dr. Bhaskar Kandpal, Asst. Prof., ME Deptt., IPEC, GZB
- ◆ Dr. Deepti Singh, Asst. Prof., CSE Deptt., IPEC, GZB
- ◆ Dr. Sadiya Anjum, Asso. Prof., Applied Sci., IPEC , GZB
- ◆ Dr. Aparna Sharma, Asso. Prof., Applied Sci., IPEC , GZB
- ◆ Dr. Somna Mishra, Asst. Prof., Applied Sci., IPEC, GZB
- ◆ Dr. Iram Ahmed, Asst. Prof., MBA, IPEC , GZB

### Organizing Committee:

- ◆ Prof.(Dr.) Sudhir Kumar Dawra, CSE-AIML Dept., IPEC, GZB
- ◆ Ms. Shalini Singh, Asst. Prof., ECE Dept., IPEC, GZB
- ◆ Ms. Alpna Tomar, Asst. Prof. , CSE Dept., IPEC , GZB
- ◆ Mr. Mandeep Katre, Asst. Prof., CSE Dept., IPEC , GZB
- ◆ Mr. Kuldeep Gupta, Asst. Prof., ME Dept., IPEC, GZB
- ◆ Mr. Sanjeev Vashney, Asst. Prof., ME Dept., IPEC, GZB
- ◆ Mr. Rahul Jaipuria, Asst. Prof., ME Dept., IPEC, GZB
- ◆ Mr. Luwakush, Asst. Prof., ME Dept., IPEC, GZB
- ◆ Ms. Rana Jafri, Asst. Prof., IT Dept., IPEC, GZB
- ◆ Mr. Vishal Gupta, Asst. Prof., ECE Dept., IPEC, GZB
- ◆ Ms. Deeksha Sharma, Asst. Prof., ECE Dept., IPEC, GZB
- ◆ Mr. Anmol, Digital Marketing Manager, IPEC, GZB