



## About TIET

The Thapar Institute of Engineering and Technology (TIET) is one of India's oldest and finest educational institutions, which provides a steady source of highly skilled talent to the nation as well as overseas. Founded in 1956 with a campus spread across sprawling 250 acres, Thapar Institute of Engineering and Technology, located in Patiala, has been a pioneer in engineering education, research and innovation. Our community involves ingenious minds solvers who are eager to make the world a better place to live in with their innovative techniques and discoveries.

## Thapar Learn Fellows

- Dr. Rajesh Khanna
- Dr. T.P. Singh
- Dr. Manmohan Chhibber
- Dr. Anoop Verma
- Dr. Meenakshi Rana
- Dr. Karmindar Ghuman
- Dr. Gurvinder Kaur
- Dr. Parag Nijhawan
- Dr. S.C. Bose
- Dr. Lovleen Brar
- Dr. Amanpreet Kaur
- Dr. Gagandeep Kaur
- Dr. Dwarika Nath Rath

## Contact Us

Thapar Institute of Engineering & Technology, Patiala, Punjab, INDIA

Dr. Amanpreet Kaur

9815601313

Dr. Gagandeep Kaur

9115608843

[thec2025@thapar.edu](mailto:thec2025@thapar.edu)



THAPAR INSTITUTE  
OF ENGINEERING & TECHNOLOGY  
(Deemed to be University)

is Organizing  
International Conference  
on  
Transforming Higher Education  
for Future: Education 4.0  
([thec2025.thapar.edu](http://thec2025.thapar.edu))

### Chief Patron

Dr. Padmakumar Nair  
Director, TIET, Patiala

### Patron

Mr. Sanjay Sen  
Dr. Ajay Batish

### Convener

Dr. Gagandeep Kaur  
Dr. Amanpreet Kaur

### Organizing Secretary

Dr. Gurvinder Kaur  
Dr. Parag Nijhawan  
Dr Alka Pandita

## About the conference

This conference is focusing on the dynamic scenario of higher education in the age of digitization and technology Education 4.0, with its developments in engineering, technology, artificial intelligence, and automation, offers prospects in transforming learning spaces, curricula, and pedagogies. This conference is likely to congregate and encourage the educators, education policymakers and innovators, to discuss approaches for coupling cutting-edge technological innovations into the academia, and industry. This aims to inspire innovative approaches for the improvement of quality education, upgrading the culture and meeting the global needs.

## This conference focuses on:

### 1. Experiential Learning

- Impact of Experiential Learning on Students
- Implementing Experiential Learning Best Practices
- Successful Experiential Learning Case Studies
- Creating Experiential Learning Opportunities
- Evaluating Experiential Learning Effectiveness
- Innovations in Education Enhancing Scientific Literacy

### 2. Active Learning:

- Teamwork / Group work
- Peer to Peer Learning
- Student Engagement in large classrooms
- Outcome-based education
- Design a thinking-based approach in Teaching and Learning
- Tutoring and Mentoring
- Holistic Student Development

### 3. Project-Based Learning

- Real-World Project Experiences
- Industry-Academia Collaboration for PBL
- Integrating Projects into the Curriculum
- Evaluation Rubrics for PBL
- PBL Conversions towards RIT (Research Integrated Teaching)

### 4. Faculty Development and Support:

- Continuous Professional development
- Curricular and Pedagogical Research
- Best practices for faculty-student interaction and mentorship
- Co-Teaching and Peer Teaching
- Reflective Teaching Practices

### 5. Student Engagement, Employability and Career Readiness

- Student Motivation and Engagement
- Mentoring and Counselling
- Career readiness and Employability skills
- Employability, Placement and Internship Support
- Student Involvement in research projects and Start up Initiatives
- Reflection for Personal and Professional growth
- Life Long Learning
- Role of Extracurricular Activities

### 6. Artificial Intelligence (AI) in Education

- Role of Artificial intelligence and Machine learning in teaching and learning
- Curriculum Planning for Future
- Transformative Effect of AI in Education
- Benefits and Challenges related to AI in Education
- Block Chain to secure credentials
- Cognitive Skills and Learning
- Quality standards

### 7. Advances in Educational Technology

- E-Learning Initiatives
- Adaptation to New Technologies
- Social & Digital Media
- E- Management and Online Classroom
- Simulation & Animation, Educational Multimedia
- Interactive Whiteboard and assistive technologies
- Blended Learning with Advanced Classroom Technologies
- Virtual Learning for Online/Virtual Laboratories
- Online Assessment
- Plagiarism Technologies
- Managed Learning Environments (MLEs)
- Learning Management Systems (LMS)

### 8. Academia- Industry Connect Internship Program

- University Start-Ups
- Workplace Learning
- Employability
- Entrepreneurship Education
- University-Industry-Government Partnership
- Patents & Technology Transfer

### 9. Global Implications of Education

- Globalization of Education
- Global Challenges of Education
- International Accreditations
- Government Policy Issues
- Ethical Issues in Education
- Education for Sustainability
- Leadership & Educational Management
- Cross-Border Education & Exchange Programs

## Important Dates

Abstract Submission Early birds	3- June 2025
Acceptance of Abstract	13- June 2025
Fee submission Early birds	20- June 2025
Full paper Submission	31- July 2025
Full paper acceptance	20- Aug 2025

### Registration

*Delegates should register online at  
[www.thec2025.thapar.edu](http://www.thec2025.thapar.edu).*

## Accommodation

Accommodation in Campus Hostel / Guest room / Hotel Can be arranged on demand. For bookings please contact at [thec2025@thapar.edu](mailto:thec2025@thapar.edu)