



Pimpri Chinchwad Education Trust's
**Pimpri Chinchwad College of
Engineering & Research**

An ISO 21001:2018 Certified Institute | NBA Accredited - Civil | Comp | ENTIC |
Mech | NAAC A++ Accredited | An autonomous Institute
Plot No. B, Sector no. 110, Gate no.1, Laxminagar, Ravet, Haveli, Pune - 412101.

Department of Mechanical Engineering

Organizes

International Conference

On

**“Sustainable Mechanical Engineering
and Design”**

25 & 26 July 2025

Convener

Dr. Gulab D. Siraskar

Co-ordinators

Dr. Ramesh K. Rathod

Dr. Rupali M. Patil

Co-coordinators

Prof. Sukhadip M. Chougule

Prof. Ganesh M. Fodase

Prof. Deepak D. Biradar

About Institute

Pimpri Chinchwad College of Engineering & Research (PCCOE&R) was established in 2014 under the aegis of Pimpri Chinchwad Education Trust (PCET). The Institute has been accredited with A++ grade by NAAC in the very first cycle of accreditation. Right from its inception, PCCOER has adopted Outcome Based Education (OBE) and Student-centric approach. We work on a Four-Pillar Philosophy, the four pillars of our Institute being; Academic Excellence, Research & Innovation, Professional Competence and Social Commitment. Institute has experienced, dedicated and highly qualified faculty (38 Doctorates and 50 pursuing PhD), state-of-art infrastructure and an environment conducive to learning, research and innovation, which has culminated into PCCOE&R being among top Five Institutions in SPPU results. The institute has 5 world records in 113 copyrights, 51 patents in a day, women 38 patents in a day, 147 copyrights in a day and 14 patents of Indian couple in a day. In a very short span from its commencement, PCCOER has produced 9 University Rankers.

About Department

Mechanical engineering is one of the broadest engineering disciplines. Mechanical engineers design, develop, build and test. Mechanical engineers can look for employment in diverse areas, including manufacturing, aerospace, automotive, biomedical, chemical, computer, communications, nanotechnology, power-generation industries, engineering consultancies, energy utilities. government Jobs etc.

The Mechanical Engineering Department at PCCOER established in the year 2014 and since then, has progressed steadily towards excellence. The Department works on Outcome Based Philosophy (OBE), wherein the complete focus of the department is to prepare the students in such a way that he/she is oriented towards acquiring knowledge, skills, hands on training and ICT techniques by using various teaching pedagogies, which will lead them toward better placements, higher education and entrepreneurship. The audits of all these initiatives are conducted on a regular basis and its execution is checked to ensure that students are getting really benefited through the process.

SAE Event	Position in 2024-25	Position in 2023-24	Position in 2022-23
BAJA	AIR 1	AIR 3	AIR 11
SOPRA	--	AIR 14	AIR 6
TIFAN	AIR 6	AIR 8	Productive AIR 5

About Conference

The 1st International Conference on “Sustainable Mechanical Engineering and Design” [ICSMED 2025] focuses on innovative approaches and advancements in technology that promote sustainability. In the face of unprecedented environmental challenges and the urgent need for sustainable development, the International Conference on Sustainable Technology convenes a diverse assembly of scholars, industry leaders, policymakers dedicated to advancing sustainable practices and innovations. This conference serves as a vital platform for sharing knowledge, showcasing cutting-edge research, and fostering collaborative solutions that address the complex interplay between technology and sustainability. Recognizing that the health of our planet is intricately linked to our technological advancements, we aim to explore pathways that not only mitigate environmental impact but also promote social equity and economic resilience. Through engaging discussions, hands-on workshops, and dynamic presentations, we aspire to inspire action and empower stakeholders to implement sustainable technologies that pave the way for a more sustainable future. Together, let us harness the power of innovation and collaboration to create solutions that benefit both current and future generations....

Objectives of the Conference

To interpret the possibilities and limitations of technology, its role in society and the responsibility of humans for its use, including social, economic as well as environmental aspects
To provide a forum to have open discussion and opinion for multidisciplinary approach in mechanical engineering systems and its evolution

To look for widening the traditional skill sets thereby perceiving and incorporating the newer aspects like Artificial Intelligence , IoT, Robotics and Automation, Sustainability, Advanced Materials, Digital Twins, Additive manufacturing, Mechatronics, Renewable Energy , nanotechnology, Electric Vehicle etc.

Call for Paper

- Use the IEEE Standard Template for submission of manuscripts.
- Submit papers via website or mail id till 25th April 2025.
- All the papers presented in the conference will be published in a book having ISBN and DOI no.
- Selected papers from conference will be published in scopus index journal
- Conference will be in hybrid mode

Guidelines for Authors

- Full Text Paper should follow IEEE Journal guidelines:
- Must be camera-ready in MS Word format, within 3000 words (excluding figures, tables, and appendices).
 - Written in English using third-person (passive voice).
 - SI units should be used; other units may appear in parentheses after SI units.
 - Mathematical symbols must be clear, with proper differentiation between similar characters (e.g., l and l), upper/lowercase letters, and subscripts/superscripts.
 - Avoid lengthy proofs and extensive test data—include them in appendices if essential.
 - Papers must be original and not submitted elsewhere.
 - Copyright of accepted papers belongs to The Institution of Engineers (India) (IEEE). Reproduction is prohibited without permission.
 - Authors must sign & submit the Declaration Form upon submission.
 - As per Bye-Law 115 of IEEE, copyright for papers published in IEEE Journals or Proceedings remains with the institution.

Topic

- Heat and Mass Transfer
- Mechatronics
- Material Engineering
- Additive and Digital Manufacturing
- Design and Manufacturing Technology
- Noise and Vibration
- Energy Engineering
- Fracture and Damage Mechanics
- Electric Vehicle
- Biomechanical engineering
- Automobile Engineering
- Renewable Energy Sources, Applications and Implementation
- Advance Materials
- Powder Metallurgy
- Bio-Inspired Composite Materials
- Computational Fluid Dynamics
- 3D Printing and Rapid Prototyping
- Energy Storage Systems
- Refrigeration and Air Conditioning
- Robotics and Automation
- Environment & Sustainability
- AIML & Data Science
- Composite, Nano Materials & Technology
- Allied

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Registratiuon Fees

Participant	Indian	Others
Students	₹1000	\$50
Faculty / Academia	₹1500	\$100
Industry / R&D	₹2000	\$200

Important Dates

Last date of full length paper submission	07 July 2025
Notification of acceptance	10 July 2025
Submission of camera ready paper	15 July 2025
Conference dates	25 - 26 July 2025

Registration Link & QR Code

<https://tinyurl.com/rrjt5dvs>



Contact For More Information

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