

First Information
Brochure &
Call for Papers



The Institution of Engineers (India)

A Century of Service to the Nation

**40th National Convention of Production Engineers and
National Seminar on**

Sustainable Smart Manufacturing for Circular Economy

19 - 20 June 2026

organized by

The Institution of Engineers (India)

Coimbatore Local Centre

under the aegis of

Production Engineering Division Board, IEI

in association with

**Department of Production Engineering
PSG College of Technology, Coimbatore**



Venue

**PSG College of Technology
Peelamedu, Coimbatore - 641 004, Tamil Nadu**

About The Institution of Engineers (India)

The Institution of Engineers (India) or IEI is the largest multidisciplinary professional body that encompasses 15 engineering disciplines and gives engineers a global platform for sharing professional interest. IEI has membership strength of above 2.6 lakhs. Established in 1920, with its headquarter at Kolkata, IEI has served the engineering fraternity close to a century. During this period of time, IEI has been inextricably linked with the history of modern-day engineering.

In 1935, IEI was incorporated by Royal Charter and remains the only professional body in India which has been accorded this honour. Today, its quest for professional excellence has given it a place of pride in almost every prestigious and relevant organization across the globe. It provides a vast array of technical, professional and supporting services to the Government, Industries, Academia and the Engineering fraternity, operating through its 124 Centres located across the country and 6 overseas chapters. Besides, IEI has bilateral agreements with about 31 international bodies and membership of another 8 international bodies of the developed nations across the globe.

Being recognized as a Scientific and Research Organisation (SIRO) by the Department of Scientific and Industrial Research, Ministry of Science and Technology, Government of India, IEI promotes the cause of research and development by providing Grant-in-Aid support to undergraduate, post graduate students and Ph.D. research scholars of Engineering Institutions and Universities.

IEI holds the International Professional Engineers (IntPE) Register for India under the global International Professional Engineers Alliance (IntPEA). The Institution also awards the Professional Engineers (PE) Certification and confers the Chartered Engineer (CEng) certification. IEI, in collaboration with Springer, regularly publishes peer-reviewed international journals in five series, namely Series A, Series B, Series C, Series D, and Series E, covering fifteen engineering disciplines.



About IEI Coimbatore Local Centre

IE(I) Coimbatore Local Centre, operating from the PSG College of Technology campus, has been actively serving the engineering fraternity for nearly 60 years. The IE(I), Coimbatore Local Centre has been one of the active centres of The Institution of Engineers (India) which is engaged in successfully translating the objectives and ethics of IE(I) into practice. The Centre was founded in the year of 1965, under the Chairmanship of Dr G R Damodaran, an educationist, the former Vice - Chancellor of Madras University, a philanthropist and also the architect of PSG College of Technology, Coimbatore, who lived for the technology development of the nation.

Presently, IE(I), CLC has a strength of 3,136 corporate members, 6,198 student members and 22 institutional members. It regularly organizes technical and special lectures in the fields of engineering / management / present scenario in engineering industries / topics of special interest. Industrial visits are also arranged to promote good technical interaction among the members and industries. It also observes the international / national events like World Water Day, World Telecommunication and Information Society Day, World Environment Day and Engineers Day and other IE(I) statutory days in a fitting manner by organizing technical talks on the selected themes with experts in field. One Day Seminar / Workshop, All India Seminar / Workshop funded by the IE(I), Headquarters, Kolkata are also being organized under different engineering divisions in association with various institutions. A few National Conventions of IE(I) are also organized by the Centre.

The audited annual accounts, quarterly and annual reports of the Centre are being properly submitted to the IE(I), Headquarters on time. The monthly committee meetings and Annual General Meeting (AGM) are being held in an organized manner. The Centre served as an important examination centre in the region for many years conducting AMIE section A & B examinations during summer and winter sessions.

The Centre has many students' chapters which are active under different engineering divisions in various institutions in and around Coimbatore. Every year, outstanding engineers and young achievers are honored by the Coimbatore Local Centre. Student scholarships are also distributed from various endowment contributions. The Centre houses a library with about 1900 text and reference books for the benefit of members. Guidance classes are also being conducted to support associate and student members.

Golden jubilee of the IE(I), Coimbatore Local Centre was celebrated in the year 2015 - 2016 with the inauguration of Centre's own building, "PSG - GRD Bhavan". Rotary eClub of Coimbatore Changemakers honored IE(I), Coimbatore Local Centre with **"Changemaker of Coimbatore Award for the year 2022-2023"**. Recently, the Institution of Engineers (India), Coimbatore Local Centre, has been adjudged the **"Best Local Centre" for its all-round performance during the year 2024-2025**. This recognition was also received earlier for the years 2019-2020, 2022- 2023 and 2023-2024.

About the College

PSG College of Technology (PSG CT), established in the year 1951 by PSG & Sons' Charities, is an ISO 9001-2015 certified autonomous college affiliated to Anna University, Chennai. Located in Coimbatore, Tamil Nadu, PSG CT has built a distinguished legacy of academic rigor, innovation, and strong industry engagement. Over seven decades, it has consistently adapted to emerging technological advancements while upholding its core values of integrity, discipline, and quality. PSG CT is consistently ranked among the Top 100 institutions in India under the National Institutional Ranking Framework (NIRF) in both Engineering and Management categories. The institution is accredited by the National Assessment and Accreditation Council (NAAC), affirming its adherence to high standards of academic governance and institutional performance. Several programmes are also accredited by the National Board of Accreditation (NBA), reflecting sustained quality and continuous improvement.

PSG CT offers 19 undergraduate and 24 postgraduate programmes covering diverse disciplines such as engineering & technology, computer applications, management sciences as well as the basic and applied sciences, besides offering doctoral research programmes in all departments. PSG College of Technology is equipped with several state-of-the-art Centres of Excellence, including the PSG-TI Centre for Medical Electronics, CARES Centre for Industrial Cyber Physical Systems Research, PSG-TRIDENT Centre for Alternative Cooling Technologies, PSG-Lap Centre for Excellence in Cable Technology, PSG-Danfoss Centre of Excellence in Climate and Energy, PSG-DHI Centre of Excellence in Welding Engineering and Technology, PSG-TI Centre of Excellence for Signal Processing (CESP), PSG-Intel Centre of Excellence in VLSI System Design, PSG-Keysight Centre of Excellence in Wireless Technology, CAD/CAM Centre, PSG-Janatics Centre for Pneumatics and Automation, PSG-Maxbyte Centre of Excellence in IoT, PSG-Fanuc Centre for Advanced CNC and Robotics, PSG-Heidenhain CNC Centre, PSG-Siemens Centre of Excellence in Automation, PSG-Festo Centre for Robotics, PSG-Pricol Centre of Excellence, PSG-EPLAN Centre for Efficient Engineering, and the Product Development Centre. The institute innovation cell, modern laboratories, advanced research centres and manufacturing facilities provide a dynamic ecosystem for academic and translational research. Strong partnerships with leading industries and research organizations facilitate internships, sponsored research, skill development initiatives, and excellent placement opportunities. Alumni of the institution hold leadership positions across global industries, academia, and entrepreneurial ventures. Guided by its vision to provide world-class engineering education, promote research and innovation, and contribute meaningfully to societal development, PSG College of Technology remains steadfast in shaping future-ready engineers and leaders for national and global advancement.

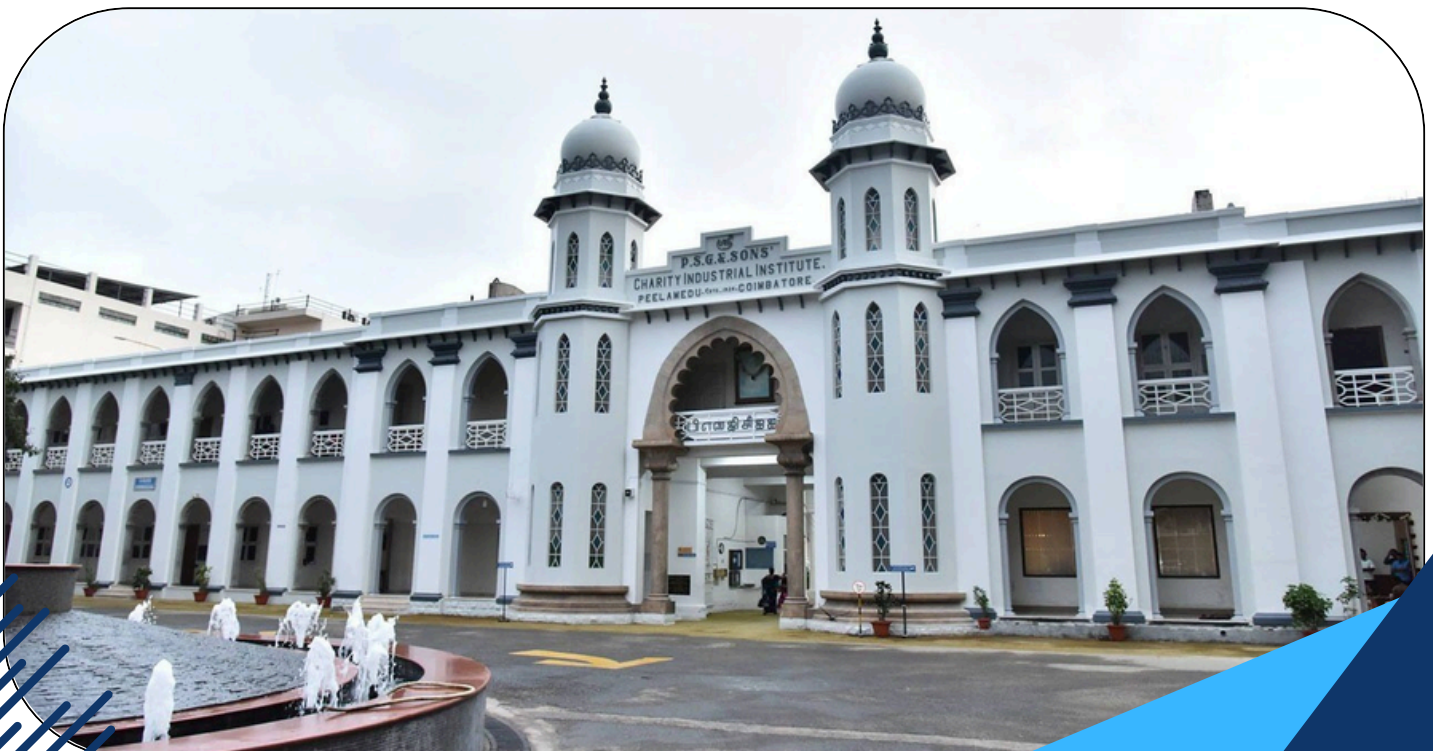


About the Department

Established in 1975, the Department of Production Engineering at PSG College of Technology has played a pivotal role in advancing manufacturing education and research. With the M.E. Manufacturing Engineering programme being offered since 1964, the department has developed a strong academic foundation and research culture over the decades. Currently, the department offers B.E. Production Engineering, M.E. Manufacturing Engineering and Ph.D. programmes aligned with contemporary industrial requirements and emerging technological advancements. The programmes are accredited by the National Board of Accreditation (NBA), reflecting the department's commitment to quality, continuous improvement, and outcome-based education.

The department envisions becoming a leader in engineering education by imparting relevant skills and the right attitudes to students, enabling them to develop innovative products and efficient manufacturing processes that address societal needs. It seeks to advance knowledge through meaningful research while upholding professional ethics, social responsibility, and environmental consciousness. Its mission is to provide world-class learning facilities that foster innovation in manufacturing systems through a multidisciplinary approach, leveraging core engineering sciences and modern digital technologies to deliver sustainable and cost-effective industrial solutions.

Equipped with well-established laboratories in Metrology, Machine Vision, Precision Machining, Industrial IoT, Ergonomics, Product Styling and Design, CNC technology, Automation, Production Engineering, Simulation, CAD/CAM, Tool and Die, Virtual Reality and advanced research facilities, the department emphasizes experiential learning and research-driven education. Strong collaborations with industries, alumni and research organizations support internships, consultancy and sponsored projects. With its sustained commitment to excellence and innovation the Department of Production Engineering continues to shape competent, industry-ready manufacturing professionals capable of contributing significantly to national and global industrial development.



About the Convention

The National Convention on “Sustainable Smart Manufacturing for Circular Economy” aims to bring together industry leaders, researchers, academicians, practicing engineers, policymakers and students to explore innovative approaches for integrating sustainability into modern manufacturing. As industries worldwide strive to reduce their environmental footprint while enhancing efficiency, this convention will serve as a platform for knowledge exchange, collaboration, and the adoption of cutting-edge technologies. Sustainable smart manufacturing for a circular economy focus on utilizing innovative designs, advanced materials, emerging energy technologies, novel manufacturing concepts like additive manufacturing, green manufacturing, robotics, Industry 4.0, automation, data analytics, and digital twins to optimize production processes, minimize waste, and maximize resource reuse, thereby enabling a closed-loop system where materials are continuously recycled and reintroduced back into the manufacturing cycle, contributing to a more sustainable production model aligning with circular economy principles. By integrating smart and sustainable solutions, industries can achieve enhanced operational flexibility while fostering a resilient and environmentally responsible manufacturing ecosystem. This convention is a step toward transforming manufacturing into a sustainable, efficient, and intelligent system, creating long-term value for industries, society and the environment.

Sub Themes

- Advanced Materials
- Design for Circularity
- Modeling and Simulation
- Product Development, Design for X
- Additive Manufacturing
- Green Manufacturing
- Advanced Manufacturing Techniques
- Sustainable Manufacturing
- Modern Manufacturing Systems
- Next Generation Energy Systems
- Industry 4.0 / Quality 4.0
- IIoT, Data analytics
- Digital Twins, VR/AR
- Robotics and Automation
- AI in Process Optimization and Control
- Advanced Industrial Engineering
- Closed Loop Supply Chains
- Optimisation Techniques
- Circular Economy
- Sustainable Development Goals

Call for Papers

Prospective authors are invited to submit manuscripts reporting original unpublished research and recent developments in the topics related to the theme of the National Convention but not limited to subthemes listed above.

Authors should send an Abstract up to 250 words to coimbatorelc@ieindia.org / jpk.prod@psgtech.ac.in. The final paper should be in the format available on the website (https://www.ieindia.org/webui/IEI-Activities.aspx#Call_Papers). All presented papers will be included in the proceedings of the Convention.

Guidelines for Submission of Papers - Scan the QR code



Important Dates

Last date for abstract submission	: 15.05.2026
Paper acceptance intimation	: 25.05.2026
Last date for full paper submission	: 05.06.2026
Last date of registration	: 10.06.2026

Registration for the National Convention can be made by sending the duly filled in application through email or using the registration link on or before **10.06.2026**.

*** Spot registration by payment of cash is strictly not permitted.**

Registration Link: <https://forms.gle/tpHSR9Tp5buBC1416>

Registration Fee

Type	Amount (Rs.) (Including 18% GST)
IEI Corporate Members	1,180
Research Scholar / PG / UG / Diploma	1,180
Delegates from R&D organizations and Academic Institutions	1,770
Delegates from Industries	2,065

* Registration fee includes registration kit, soft copy of souvenir, proceedings, lunch and high tea.

Sponsorship

Type	Amount (Rs.) (Including 18% GST)
Crown Sponsor	> 1,00,000
Premier Sponsor	1,00,000
Elite Sponsor	75,000
Quantum Sponsor	50,000
Signature Sponsor	25,000
Associate Sponsor	< 20,000

Advertisement

A souvenir containing abstracts of keynote address, memorial lecture, state-of-art lecture, invited talks and technical papers will be published during the convention. Tariff for advertisement in souvenir is as follows:

Type	Amount (Rs.) (Including 5% GST)
Outside Back Cover Page (colour)	50,000
Inside Front & Back Cover Page (colour)	30,000
Inside Full Page (colour)	20,000
Inside Full Page (B/W)	10,000
Inside Half Page (B/W)	5,000

Payment (online transfer only)

Name of the Beneficiary	The Institution of Engineers (India) Coimbatore Local Centre
Bank Name	State Bank of India
Branch Name	Peelamedu Branch
SB Account Number	1014 1435 551
IFSC Code	SBIN0007231
GST Number	33AAATT3439Q6ZW

Travel and Accommodation

* All delegates are advised to make their own arrangements for travel, boarding & lodging.

Jade Residency (PSG Tech)

500 m
0422 434 4258

Zibe Coimbatore by GRT Hotels

800 m
80692 50565

Radisson Blu Hotel

1.7 km
0422 316 6000

Ibis Coimbatore City Centre

2.9 km
0422 711 7666

Gokulam Park

8.5 km
0422 452 3000

Hotel Vijay Elanza

1.2 km
0422 400 4000

The Orbis Hotel

1.7 km
0422 439 9988

Jenneys Residency

2.9 km
98940 55385

Zone by The Park Hotel

3.1 km
0422 400 5000

Le Méridien

9 km
0422 236 4343

Chief Patron

Shri L Gopalakrishnan
Managing Trustee
PSG & Sons' Charities, Coimbatore

Patron

Dr K Prakasan
Principal
PSG College of Technology, Coimbatore

National Advisory Committee**Chairman**

Er Manish Mahendra Kothari
President, IEI

Co - Chairman

Dr Seeram Satyanarayana
Chairman, PRDB, IEI

Convener

Dr J Pradeep Kumar
Honorary Secretary, IEI Coimbatore Local Centre &
Associate Professor, Department of Production Engineering
PSG College of Technology, Coimbatore

Members

Er Sajjan Singh Yadav, Vice President, IEI
Er Lochan Kumar Adhikari, Vice President, IEI
Prof (Dr) Girish Shrikisan Mundada, Chairman, CATE, IEI
Er Ajay Mahajan, Member, PRDB, IEI
Dr Goutam Sengupta, Member, PRDB, IEI
Dr Makkhan Lal Meena, Member, PRDB, IEI
Ex-Officio Member: **Maj Gen (Dr) MJS Syali**, VSM (Retd), SDG, IEI

Organizing Committee**Chairman**

Dr M Senthilkumar
Chairman, IEI Coimbatore Local Centre &
Professor and Head, Department of Production Engineering
PSG College of Technology, Coimbatore

Organizing Secretary

Dr M R Pratheesh Kumar
Associate Professor, Department of Production Engineering
PSG College of Technology, Coimbatore

Members

Dr M Senthil Kumar, Committee Member, IEI CLC
Dr T Senthilkumar, Committee Member, IEI CLC
Dr S Balasubramanian, Committee Member, IEI CLC
Dr M Kaarthik, Committee Member, IEI CLC
Lt Dr A K Priya, Committee Member, IEI CLC
Dr T Ramesh, Committee Member, IEI CLC
Dr N Brindha, Committee Member, IEI CLC
Dr T Bogaraj, Committee Member, IEI CLC
Dr R Latha, Committee Member, IEI CLC
Dr B Vinoth Kumar, Committee Member, IEI CLC
Dr K Akil, Committee Member, IEI CLC
Mr K Saravanakumar, Committee Member, IEI CLC
Dr V V Senthil Kumar, Committee Member, IEI CLC
Dr P Senthilkumar, Committee Member, IEI CLC

Technical Committee

Chairman

Dr J Krishnamoorthi

Immediate Past Chairman, IEI Coimbatore Local Centre &
Professor and Head, Department of Metallurgical Engineering
PSG College of Technology, Coimbatore

Convener

Dr G Madhan Mohan

Immediate Past Honorary Secretary, IEI Coimbatore Local Centre &
Professor, Department of Production Engineering
PSG College of Technology, Coimbatore

Members

Dr V Krishnaraj

Professor, Department of Production Engineering, PSG CT

Dr S Saravanan

Professor, Department of Production Engineering, PSG CT

Dr S Elangovan

Associate Professor, Department of Production Engineering, PSG CT

Dr S P Leo Kumar

Associate Professor, Department of Production Engineering, PSG CT

Dr K Anand

Associate Professor, Department of Production Engineering, PSG CT

Dr R Rajamani

Assistant Professor, Department of Production Engineering, PSG CT

Dr Jayakrishanan Nampoothiri

Assistant Professor, Department of Production Engineering, PSG CT

Dr S Prabhakaran, Committee Member, IEI CLC &

Assistant Professor, Dept of Robotics and Automation Engineering, PSG CT

Dr R Sivasankari, Committee Member, IEI CLC &

Assistant Professor, Department of Metallurgical Engineering, PSG CT

Dr M Yuvaraja

Associate Professor, Department of Mechanical Engineering, PSG CT

Dr A Prabukarthi

Assistant Professor, Department of Mechanical Engineering, PSG CT

Contact

Dr J Pradeep Kumar FIE

Honorary Secretary

The Institution of Engineers (India)

Coimbatore Local Centre

C Block Ground Floor

PSG College of Technology Campus

Peelamedu, Coimbatore - 641004, Tamil Nadu

Phone: 0422 - 2580 733 / 91599 02372 / 80566 52764

Email: coimbatorelc@ieindia.org, ieicoimbatore@gmail.com

About Coimbatore City

Coimbatore is the third largest city of the state, one of the most industrialized cities in Tamil Nadu, known as the textile capital of South India or the Manchester of the South India, the city is situated on the banks of the river Noyyal, Coimbatore existed even prior to the 2nd or 3rd century AD by Karikalan, the first of the early Cholas. Among its other great rulers were Rashtrakutas, Chalukyas, Pandyas, Hoysalas and the Vijayanagara kings. When Kongunadu fell to the British along with the rest of the state, its name was changed to Coimbatore and it is by this name that it is known today, in local Tamil language it is also called as Kovai.



Western ghats

In the rain shadow region of the Western ghats, Coimbatore enjoys a very pleasant climate all the year round, aided by the fresh breeze that flows through the 25 kms long Palakkad gap. The rich black soil of the region has contributed to Coimbatore's flourishing agriculture industry and, it is in fact the successful growth of cotton that served as a foundation for the establishment of its famous textile industry. The first textile mill came as far back as 1888 after that many textile mills were started and provided many employment opportunities to within as well as neighboring Districts. The result has been a strong economy and a reputation as one of the greatest industrial cities in South India.

There are more than 25,000 small, medium, large scale industries and textile mills. Coimbatore is also famous for foundry and automobile industries, manufacturing of textile industry equipment, spares, motor pump sets, wet grinders and varied engineering goods and services. The development of Hydro electricity from the Pykara Falls in the 1930 led to a cotton boom in Coimbatore.



Textile Industries

Nearest Tourist Places

Isha Yoga Centre & Adiyogi Statue - 35 km

Kovai Kutralam / Siruvani Waterfalls - 37 km

Velliangiri Hills - 40 km

Topslip Anamalai Tiger Reserve Tourism - 50 km

Aliyar Dam - 70 km

Parambikulam Wildlife Sanctuary - 85 km

Valparai Hill Station - 110 km

Perur Patteeswarar Temple - 13 km

Eachanari Vinayagar Temple - 16 km

Marudhamalai Murugan Temple - 20 km

Salim Ali Ornithology Centre - 45 km

Black Thunder Amusement Park - 50 km

Ooty / Coonoor Hill Station - 75 km

Thirumoorthy Hills & Waterfalls - 80 km

**40th National Convention of Production Engineers and
National Seminar on
*Sustainable Smart Manufacturing for Circular Economy***

19 - 20 June 2026

Venue
**PSG College of Technology
Peelamedu, Coimbatore - 641 004, Tamil Nadu**

Registration Form

Name (in Block Letters) :

Designation :

Organization / Institution :

IEI Membership No & Division :

Address for Communication :

Mobile Number :

Email ID :

Registration Fee Paid (Rs.) :

Transaction Details
UPI ID No / NEFT UTR No. :

Transaction Date & Time :

Date:.....

.....

Signature