

The Institution of Engineers (India)

Coimbatore Local Centre

Quarterly Newsletter

April 2025 | Volume 6

Dr G Madhan Mohan FIE
Honorary Secretary, IEI CLC

Dr J Krishnamoorthi FIE
Chairman, IEI CLC



The Chairman's Desk

The IEI Coimbatore Local Centre is pleased to have successfully observed IEI's statutory days, namely Regional Language Promotion Day, World Engineering Day for Sustainable Development, World Water Day and Dr V Ramakrishnan Endowment Lecture along with various technical activities in the past quarter.

Regional Language Promotion Day is a recent initiative aimed at celebrating linguistic diversity while promoting the use and preservation of regional languages. This observance fosters inclusivity and enhances communication within communities. The Dr V Ramakrishnan Endowment Lecture is a prestigious event organized by the IEI CLC to honor his significant contributions to concrete technology, civil engineering, and society.

This year, World Engineering Day for Sustainable Development was observed under the theme "Unleashing the Power of Engineers to Advance the Sustainable Development Goals". The theme highlights engineers' crucial role in addressing global challenges such as climate change, poverty, and inequality through innovation and technological advancements. World Water Day 2025 was commemorated under the theme "Glacier Preservation", emphasizing the critical role glaciers play in sustaining the global water supply. As we move forward, we host National Maritime Day, World Telecommunication & Information Society Day and World Environment Day in the upcoming quarter, alongside our regular schedule of technical programmes.

Dr J Krishnamoorthi FIE
Chairman, IEI CLC

Regional Language Promotion Day

21.02.2025



The Institution of Engineers (India), Coimbatore Local Centre organized a technical lecture on "ஆடை வடிவமைப்பிற்கான வாய்ப்புகள் (Opportunities for Fashion Designing)" as part of the Regional Language Promotion Day in association with Department of Apparel Technology, PSG Polytechnic College (PSG PTC), Coimbatore on 21.02.2025.

Dr J Krishnamoorthi, Chairman, IEI Coimbatore Local Centre welcomed the guest speaker and participants. Dr B Giriraj, Principal, PSG PTC felicitated the event and Dr V Chandrasekaran, HoD, Department of Apparel Technology, PSG PTC introduced the guest speaker.

Mr P R Sreedhar, Vice President (Fabrics), KG Fabriks, Coimbatore began his lecture with a simple definition of Artificial Intelligence and Internet of Things, illustrating their relevance with examples from daily life. Additionally, he highlighted emerging opportunities in digital fashion and 3D printing technology, emphasizing how technological advancements are transforming the apparel and fashion design industry. The event concluded with a vote of thanks proposed by Mr A N Sai Krishnan, Lecturer, Department of Apparel Technology, PSG PTC.

World Engineering Day for Sustainable Development

04.03.2025

IEI Coimbatore Local Centre celebrated World Engineering Day for Sustainable Development with the theme “From Engineer to Entrepreneur: Building Sustainable Startups for a Better Tomorrow” in association with Department of Production Engineering, PSG College of Technology (PSG CT), Coimbatore on 04.03.2025.

Dr J Krishnamoorthi, Chairman, IEI Coimbatore Local Centre welcomed the gathering. Dr M Senthilkumar, Professor and Head, Department of Production Engineering, PSG CT and Committee Member, IEI Coimbatore Local Centre delivered the felicitation address, followed by Dr A Dhilip, Assistant Professor, Department of Production Engineering, PSG CT who introduced the guest speaker.

Er Kathiresan Kulandayan, Co-founder & Chief Business Officer, EVtron Tech Private Limited, Chennai delivered an enlightening talk on the theme “From Engineer to Entrepreneur: Building Sustainable Startups for a Better Tomorrow”. He emphasized the importance of innovation, resilience, and sustainability in transforming engineering ideas into successful startups. Additionally, he discussed the critical role of funding, networking, and adaptability in navigating the entrepreneurial journey. Er Kathiresan also stressed the significance of interdisciplinary collaboration, urging engineers to work with experts from diverse fields to develop holistic and scalable solutions. Lastly, he emphasized ethical entrepreneurship, highlighting the role of sustainable business practices in ensuring long-term success while addressing global challenges. The event concluded with a vote of thanks proposed by Dr G Madhan Mohan, Honorary Secretary, IEI Coimbatore Local Centre and Professor, Department of Production Engineering, PSG CT.



World Water Day

24.03.2025



A Technical lecture on “Water Resources Management in the Digital Era through Spatio-Temporal Analysis” was organized by IEI Coimbatore Local Centre on the occasion of “World Water Day 2025” in association with Agricultural Engineering College and Research Institute (AEC&RI), Tamil Nadu Agricultural University (TNAU), Coimbatore on 24.03.2025. The guest speaker for the event was Dr Balaji Kannan, Professor and Head, Department of Soil and Water Conservation Engineering, AEC&RI, TNAU, Coimbatore.

The session commenced with a cordial welcome by Dr S Shanmugam, Immediate Past Chairman, IEI Coimbatore Local Centre. Following this, Dr M Balakrishnan, Professor and Head, Department of Food Processing Engineering, AEC&RI, TNAU, introduced the chief guest, highlighting his contributions and expertise in the field of water resource management.

Dr Balaji Kannan delivered a comprehensive and thought-provoking lecture on water resource management, emphasizing its critical importance in India's current scenario and the challenges faced. He highlighted key research areas and advanced strategies aimed at enhancing water management efficiency. He also discussed water resource mapping through remote sensing technologies, explaining how optical and microwave data captured over different time intervals are digitally processed to monitor and manage resources more effectively. Additionally, he emphasized the role of advanced data analysis techniques in promoting sustainable water management practices and improving decision-making for agricultural and environmental planning. The session had an interesting questions & answers session, where the speaker clarified the question in details

The session concluded with a heartfelt vote of thanks delivered by Dr G Madhan Mohan, Honorary Secretary, IEI Coimbatore Local Centre.

All India Seminar on “The Global and Local Dimensions of Climate Change: Mitigation and Adaptation in Practice”

23.01.2025 & 24.01.2025



IEI Coimbatore Local Centre, organized an All India Seminar on “The Global and Local Dimensions of Climate Change: Mitigation and Adaptation in Practice” (under the aegis of ENDB) in association with Department of Civil Engineering, Sri Krishna College of Technology (SKCT), Coimbatore held during 23-24, January 2025.

The seminar commenced with a welcome address by Dr P R Natarajan, Past Chairman, IEI Coimbatore Local Centre. This was followed by a felicitation address and an overview of the seminar presented by Dr V Sreevidya, Professor & Head, Department of Civil Engineering, SKCT. The introduction of the chief guest was given by Mr G Jayakumar, Assistant Professor, Department of Civil Engineering, SKCT. The chief guest, Mr R Manikandan, Founder, Kovai Kulangal Padhukappu Amaippu, Coimbatore emphasized the importance of lake and river restoration and the need for remedial measures to control water pollution for groundwater recharge. The vote of thanks was proposed by Dr N Jothi Lakshmi, Assistant Professor, Department of Civil Engineering, SKCT.

In the technical session, Mr R Manikandan delivered a lecture on “Water Conservation and Restoration: Strategies for Sustainable Ecosystems”. He discussed crucial water conservation strategies, highlighting the importance of lake and river restoration, water pollution control, and groundwater recharge to ensure environmental sustainability. In the afternoon session, Er D Pricilla, Assistant Engineer, Tamil Nadu Pollution Control Board, Coimbatore presented an “Awareness on Single-Use Plastics”, emphasizing the severe consequences of plastic pollution on the environment and human health.

Mr Prasanth Omanakuttan, Founder & CEO, Green Era Recyclers, Coimbatore delivered a session on “E-Waste Management - An Environmental Solution”. He highlighted the importance of e-waste recycling, its role in reducing environmental pollution, and its contribution to resource conservation. The seminar also featured paper presentations, where eight research papers were presented across various themes, including plastic waste-based soil stabilization, wastewater treatment modeling, noise and water quality impact assessments, heavy metal adsorption in wastewater, and climate change mitigation strategies.

On the second day, Mr C Prashanth, Co-Founder, Recompose Recycling Private Limited, Coimbatore delivered a session on “Solid Waste Management: Challenges, Solutions, and Environmental Impact”. He highlighted the importance of effective waste management, its impact on public health, and the need for citizen participation in recycling efforts. Mr Pon Rathinavel, Chief Executive Officer, Nicety Shelters and Solutions, Coimbatore, presented a session on “Climate Change and Public Health: A Growing Concern”, discussing the link between greenhouse gas emissions and global health challenges.

Ms R Pavithra, Green Fellow, Department of Environment and Climate Change, Government of Tamil Nadu, delivered a session on “Advancing Sustainable Development: Innovations in Renewable Energy and Resource Conservation”. In the post-lunch session, Mr K M Manoj, Assistant Professor, Department of Civil Engineering, SKCT, Coimbatore delivered an informative session on “Environmental Impact Assessment and Sustainable Development: Policies, Practices, and Future Perspectives”. He explained the importance of Environmental Impact Assessments in pollution reduction, regulatory compliance, and sustainable project implementation. He also emphasized various government initiatives aimed at achieving Sustainable Development Goals. The seminar concluded with a valedictory session and the distribution of certificates to the participants, marking the successful completion of a knowledge-intensive event that fostered discussions on climate change mitigation, adaptation strategies, and sustainable development practices.

All India Seminar on “The Future of Electric Mobility: Integrating Renewable Energy, Charging Infrastructure and Smart Technologies for Sustainable Transportation”

30.01.2025 & 31.01.2025

The Institution of Engineers (India), Coimbatore Local Centre in association with Department of Electrical and Electronics Engineering, KIT-Kalaighnarkarunanidhi Institute of Technology (KIT), Coimbatore organized an All India Seminar on “The Future of Electric Mobility: Integrating Renewable Energy, Charging Infrastructure, and Smart Technologies for Sustainable Transportation” (under the aegis of NLPC) held during 30-31, January 2025.

The seminar commenced with a welcome address by Dr J Krishnamoorthi, Chairman, IEI CLC who introduced the seminar's objectives and emphasized the critical role of electric mobility in achieving sustainability. Dr N Mohandas Gandhi, Chief Executive Officer, KIT provided an overview of renewable energy integration in EVs. The chief guest address was delivered by Dr M Sundaram, Associate Professor, Department of EEE, PSG CT, Coimbatore who highlighted the importance of charging infrastructure and smart grid technologies in promoting EV adoption. The vote of thanks was proposed by Dr R Lal Raja Singh, Professor, Department of EEE, KIT.

The first invited lecture was delivered by Dr M Sundaram, on “Battery Management System”. He discussed key aspects such as battery efficiency, life cycle management, and innovations in lithium-ion and sodium-ion battery technologies. He elaborated on thermal management techniques, energy optimization, and advancements in Blade Battery technology by BYD. Mr Karthick Rakkiannan, Director, TAARK Equipments Private Limited, Pollachi, delivered a session on “Policy and Regulatory Frameworks for EV”. He outlined government incentives, regulatory frameworks, and policy interventions that support EV adoption in India.

Dr K Sekar, Professor, Department of Electrical and Electronics Engineering, HICET, Coimbatore, presented perspectives on “Smart Technologies for Sustainable Transportation”. He discussed AI-driven traffic management, real-time monitoring systems and smart charging solutions.

Mr Dhamodharan Karuppusamy, Co-Founder, VAMP Innovation Private Limited, delivered a session on “Charging Infrastructure”, emphasizing the importance of fast-charging technologies, wireless charging, and grid integration strategies. Mr Vijai Baskar, Regional Sales Manager, Sodion Energy Private Limited, delivered a lecture on “Next Generation of Green, Safe and High-Performance Batteries”. He covered advancements in sodium-ion and solid-state batteries, discussing their impact on EV range, charging time, and environmental sustainability. Dr J Senthil Kumar, Assistant Professor, KIT, conducted a session on “AI-Driven Enhancements in EV Technologies”. He explored predictive maintenance, automated diagnostics, and real-time fleet management using AI and IoT. He also discussed deep learning applications in autonomous driving and vehicle-to-grid (V2G) communication.

Mr Gajendran Parthasarathi, Head, School of Design and Innovation, Rathinam Technical Campus, delivered a lecture on “EV IoT Home Connect: Real-Time Monitoring and Management”. He discussed the integration of IoT in EV home charging systems, highlighting smart connectivity, intelligent scheduling algorithms and cost-effective energy management solutions. Dr Daison Stallon Samuel Raj, Former Post-Doctoral Fellow, Universitat Politècnica de Catalunya, Spain, delivered the final invited lecture on “Integration Challenges of Renewable Energy in E-Vehicles and Public Transportation”.

The seminar concluded with a valedictory session, where certificates were distributed to participants. The two-day event successfully brought together academicians, industry experts, and researchers to discuss emerging trends, innovations and policy frameworks in the electric mobility sector.



Technical Webinar on “Role of Artificial Intelligence (AI) & Machine Learning (ML) in Aerospace”

09.01.2025



IEI Coimbatore Local Centre in association with Department of Aeronautical Engineering, Sri Ramakrishna Engineering College, Coimbatore organized a technical webinar on “Role of Artificial Intelligence (AI) & Machine Learning (ML) in Aerospace” under the aegis of ASDB, IEI.

The webinar commenced with a presidential address by Dr J Krishnamoorthi, Chairman, IEI Coimbatore Local Centre who welcomed the speakers and participants and outlined the significance of AI and ML in transforming the aerospace industry.

Dr Santhakumar Mohan, Professor, Department of Mechanical Engineering, IIT Palakkad. Dr Mohan introduced advancements in aerial robotics and the development of SAFE robots at IIT Palakkad. He detailed AI's applications in aviation, including product design, supply chain optimization, and personalized customer service. The session emphasized AI's potential in autonomous flights, intelligent air traffic management, and airline operations while addressing risks like system reliability and ethical concerns.

Dr G Vasanth Kumar, Assistant Professor, Department of Aerospace Engineering, Jain Deemed University, Bangalore. Dr Vasanth Kumar explored AI classifications (Narrow AI, General AI, Generative AI) and the role of neural networks in aerospace R&D. He presented case studies on machine learning models applied to aerodynamics and computational fluid dynamics (CFD), such as Reynolds-Averaged Navier-Stokes (RANS) and Large Eddy Simulation (LES). The session included a detailed discussion on data analytics, the concept of a digital twin, and the challenges of AI implementation in aerospace.

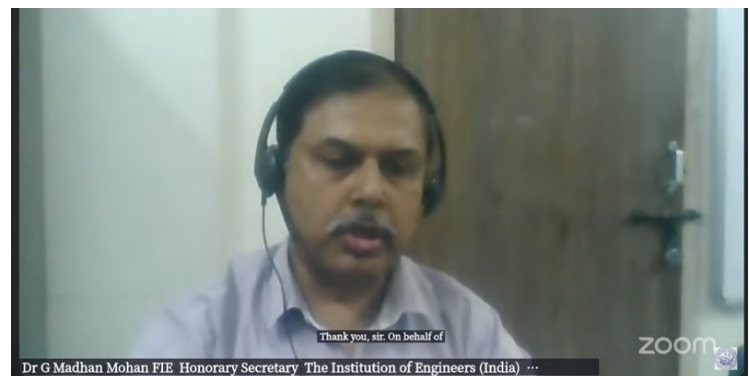
Dr K Ramesh Kumar, Senior Instructor, Garuda Aerospace Private Limited, Chennai. Dr Ramesh Kumar highlighted drone data analytics, photogrammetry for aerial surveys, and the application of AI-driven UAV solutions in various industries. He shared valuable perspectives on image interpretation, data collection techniques, and real-world examples from companies like Westpac Group Australia and Nearth Lab.

The question and answer session, moderated by Dr P Chandramohan, Professor & Head, Department of Aeronautical Engineering, Sri Ramakrishna Engineering College, Coimbatore, saw active participation. Attendees raised queries on AI's future trends, implementation strategies, and ethical considerations, enriching the discussion.



The sessions emphasized the role of AI and ML in enhancing operational efficiency and safety in aviation through applications such as product design, predictive maintenance, air traffic management, and personalized customer service. The exploration of AI and ML in UAV operations highlighted advancements in drone data analytics, photogrammetry for aerial surveys, and practical industry applications, providing a glimpse into real-world implementations by leading organizations.

The webinar concluded with a vote of thanks by Dr G Madhan Mohan, Honorary Secretary, IEI Coimbatore Local Centre.



Technical Webinar on “Circular Economy: Engineering Solutions for Waste Reduction and Resource Recovery”

26.02.2025

The Institution of Engineers (India), Coimbatore Local Centre in association with Department of Chemical Engineering, KPR Institute of Engineering and Technology, Coimbatore organized a technical webinar on “Circular Economy: Engineering Solutions for Waste Reduction and Resource Recovery” under the aegis of CHDB, IEI. The webinar commenced with a welcome address by Dr J Krishnamoorthi, Chairman, IEI Coimbatore Local Centre, who welcomed the speakers and participants. He emphasized the significance of circular economy principles in engineering and industrial sectors, setting the stage for the discussions that followed.

Dr J S Sudarsan, Head, School of Energy and Environment (SOEE), NICMAR University, Pune, highlighted the critical role of innovative engineering strategies in transforming waste management through sustainability-driven approaches. He emphasized the need for integrating nature-based solutions, advanced material recovery systems, and circular economy principles to minimize waste at the source. Additionally, he discussed waste valorization, where industrial by-products and waste streams are converted into valuable secondary raw materials, promoting resource efficiency and economic sustainability. Dr Sudarsan also underscored the importance of cross-sectoral collaboration and policy interventions to accelerate the transition toward a circular economy.



Dr S T Ramesh, Professor, Department of Civil Engineering, National Institute of Technology, Tiruchirappalli, delivered an engaging presentation on “Smart Wastewater Management for a Circular Economy”.

the urgent need for sustainable water treatment solutions and how conventional wastewater treatment methods often fail to address long-term environmental and economic concerns. He underscored the importance of integrating these eco-friendly systems into urban and industrial settings to promote water reuse, pollution reduction, and resource conservation. Dr Ramesh further explored advanced filtration techniques, bio-remediation, and energy-efficient wastewater treatment processes, which enable the recovery of valuable resources like nutrients and biogas.

Dr K Kannan, Principal Scientist and Head (Crop Production Division), ICAR-Sugarcane Breeding Institute, Coimbatore elaborated on “Agricultural Waste Utilization for Sustainable Farming”. He highlighted innovative techniques for converting agro-waste into bio-based products and fertilizers, emphasizing the role of circular economy principles in agriculture. He pointed out that traditional disposal methods, such as crop residue burning, contribute to environmental pollution and soil degradation. Dr. Kannan further discussed the bioconversion of crop residues into biofuels, enzyme-based decomposition for soil enrichment, and extraction of valuable biochemicals from agro-waste.



The webinar successfully provided a platform for knowledge-sharing on sustainable engineering solutions for waste reduction and resource recovery. An interactive Q&A session was conducted by Lt Dr A K Priya, Committee Member, IEI Coimbatore Local Centre & Professor, Department of Chemical Engineering, KPR Institute of Engineering and Technology, Coimbatore. The event concluded with a formal vote of thanks by Dr G Madhan Mohan, Honorary Secretary, IEI Coimbatore Local Centre, who expressed gratitude to the esteemed speakers, participants, and organizers for their valuable contributions.

Lecture on “Opportunities for Professional Growth of Engineers with IEI”

23.01.2025

The Institution of Engineers (India) (IEI), Coimbatore Local Centre, in association with the Department of Instrumentation & Control Engineering, Sri Krishna Polytechnic College (SKPTC), Coimbatore, organized a lecture on “Opportunities for Professional Growth of Engineers with IEI” on 23.01.2025.

Dr K India Devi, Former Committee Member, IEI Coimbatore Local Centre and Head of the Department, Department of Instrumentation & Control Engineering, SKPTC welcomed the gathering and introduced the guest speaker. Dr P R Natarajan, Past Chairman, IEI Coimbatore Local Centre and Former Superintending Engineer, Tamil Nadu Electricity Board highlighted various opportunities within IEI for professional growth and development. He emphasized that IEI provides a platform for networking with industry experts, participating in technical workshops, seminars, and conferences, and staying updated on the latest advancements in engineering.

Dr Natarajan also discussed the availability of R&D grants, scholarships and various awards for members, particularly students to support academic and research pursuits. He encouraged active participation in technical activities and student chapter newsletters, as these avenues offer valuable learning experiences and foster collaboration. He stated, “IEI serves as a robust support system for career advancement and innovation in engineering, fostering growth and development opportunities for its members”.

The program concluded with a vote of thanks delivered by Dr K India Devi, Former Committee Member, IEI Coimbatore Local Centre and HoD, Department of Instrumentation & Control Engineering, SKPTC.



Technical Lecture on “Industry 4.0 and 5.0 Revolution in the Automotive Sector”

08.02.2025



IEI Coimbatore Local Centre in association with Department of Automobile Engineering, Hindusthan College of Engineering and Technology, Coimbatore organized a technical lecture on “Industry 4.0 and 5.0 Revolution in the Automotive Sector” on 08.02.2025. The session featured Er T R Ramsankar, Deputy General Manager, Robomatiics, Coimbatore, as the guest speaker

Dr J Krishnamoorthi, Chairman, IEI Coimbatore Local Centre welcomed the guest speaker and participants, while Dr C Sabarinathan, Professor and Head, Department of Automobile Engineering, Hindusthan College of Engineering and Technology delivered the felicitation address.

The guest speaker explained that Industry 4.0 refers to the integration of smart technologies, automation and data-driven processes in manufacturing. He further elaborated on Industry 5.0, which builds upon Industry 4.0 by emphasizing human-centric, sustainable and resilient manufacturing. He highlighted how Industry 5.0 reintroduces human creativity alongside automation, fostering collaboration between humans and smart machines. In the automotive industry, this transition focuses on personalized vehicle manufacturing, eco-friendly production and AI-assisted decision-making. He emphasized that this shift aligns with sustainability goals, circular economy practices, and customer-centric innovation.

The event concluded with a vote of thanks delivered by Mr J Yogaraja, Assistant Professor, Department of Automobile Engineering, Hindusthan College of Engineering and Technology, Coimbatore.

Technical Lecture on “Pre-Dispersed Graphene Additives for Industrial Decarbonization”

22.02.2025



The Institution of Engineers (India), Coimbatore Local Centre in association with Department of Chemical Engineering, KPR Institute of Engineering and Technology (KPRIET), Coimbatore, organized a technical lecture on “Pre-Dispersed Graphene Additives for Industrial Decarbonization” on 22.02.2025. The guest speaker, Mr Rohit Govindan, R&D Lead, Terracarb Private Limited, Coimbatore delivered the technical lecture.

Dr G Madhan Mohan, Honorary Secretary, IEI Coimbatore Local Centre welcomed the gathering and delivered the presidential address. Dr S Balasubramanian, Professor & Head, Department of Chemical Engineering, KPRIET felicitated the event.

Mr Rohit Govindan provided a comprehensive overview of the role of graphene-based additives in reducing carbon emissions across various industries. He explained the unique properties of pre-dispersed graphene additives and their applications in enhancing energy efficiency, reducing emissions and improving material performance in sectors such as manufacturing, energy, and transportation.

The session was followed by an interactive Q&A segment, where students, faculty and research scholars engaged in discussions on the scalability, challenges and future prospects of graphene-based materials in decarbonization efforts.

The event concluded with a vote of thanks delivered by Dr A K Priya, Committee Member, IEI Coimbatore Local Centre & Professor, Department of Chemical Engineering, KPR Institute of Engineering and Technology, Coimbatore.

13th Dr V Ramakrishnan Endowment Lecture on “Structural Health Monitoring of Civil Infrastructures”

27.02.2025

IEI Coimbatore Local Centre in association with Department of Civil Engineering, PSG College of Technology PSGCT, Coimbatore organized the 13th Dr V Ramakrishnan Endowment Lecture Meeting on 27.02.2025. Dr J Krishnamoorthi, Chairman, IEI Coimbatore Local Centre welcomed the gathering and presided over the meeting. Dr M Palanikumar, Professor & Head, Department of Civil Engineering, PSGCT delivered the felicitation address. Dr A K Priya, Committee Member, IEI Coimbatore Local Centre provided a brief introduction to the Dr V Ramakrishnan Endowment Lecture and introduced the guest speaker.

The Chief Guest, Dr S Parivallal, Chief Scientist & Advisor (Management), CSIR - Structural Engineering Research Centre, Chennai delivered a lecture on “Structural Health Monitoring of Civil Infrastructures”. Dr S Parivallal elaborated on various non-destructive techniques for assessing the condition of civil infrastructure. He explained the fundamental principles of strain measurement using devices such as wire strain gauges, wireless strain sensing systems and Fiber Bragg Grating sensor technology.



These innovations provide advanced solutions for evaluating stress levels in concrete structures, contributing to improved safety and durability in civil engineering applications. The session was highly informative, and members appreciated the practical knowledge and technical depth of the presentation.

The lecture meeting concluded with a vote of thanks delivered by Dr T Ramesh, Committee Member, IEI Coimbatore Local Centre & Assistant Professor, Department of Civil Engineering, PSGCT .

Forthcoming Activities

One Day Seminar on “Redesigning Technical Textiles for a Circular Economy: Paving the Way to Sustainability” (under the aegis of TXDB) in association with Department of Textile Technology, PSG College of Technology, Coimbatore on 04.04.2025.

National Maritime Day Technical Lecture on “Current Challenges and Future Trends in the Maritime Industry” in association with Coimbatore Marine College, Coimbatore on 04.04.2025.

IEI Technical Webinar on “The Future of Fashion: Impact of Artificial Intelligence on Design and Production” on (under the aegis of TXDB) in association with Department of Textile Technology, Kumaraguru College of Technology, Coimbatore on 22.04.2025.

One Day Seminar on “Integrating Artificial Intelligence for Energy Efficiency and Sustainability in Chemical Processes” (under the aegis of CHDB) in association with Department of Chemical Engg, KPR Institute of Engineering and Technology on 25.04.2025.



The Institution of Engineers (India) IEI YOUNG ENGINEERS AWARD 2025 Notification

The Institution of Engineers (India) is a multi-disciplinary professional body of engineers with 15 engineering disciplines and over 9,00,000 members in India and abroad. The Institution was established in 1920 and was incorporated by Royal Charter in 1935. It has been in the forefront of engineering profession addressing the socio engineering problems for progress of the country. IEI functions among professional engineers, academicians, research workers to update their professional knowledge through continuous professional development. With its large international linkages and a network of 124 Centres in India and Six Overseas Chapters, the Institution has built up wide reach and large infrastructure to meet its objectives of promoting engineering in all aspects.

With a view to promote the pursuit of excellence in the field of engineering, IEI has instituted ‘IEI Young Engineers Award’. The Award consists of a Plaque and a Certificate. The purpose of the Award is to recognize outstanding achievements/contributions made by young engineers in engineering research, excellence in engineering technology development, technology transfer, etc. Any engineer citizen of India not older than **35 years** of age/ women engineer citizen not older than **37 years** of age as on **March 31, 2025** is eligible for the Award, provided that he/she is a Corporate Member of IEI or has applied for IEI Membership. The IEI Young Engineers Award is presented to awardees for all the 15 Engineering Divisions of the IEI during the respective National Conventions. The awardees attending the National Convention will be provided with free accommodation & their traveling expenses (AC-3 Tier train fare by shortest route) will be reimbursed on production of original documents.

The Application Proforma may be downloaded from IEI website <https://www.ieindia.org/webui/IEI-Activities.aspx#young-engineering-awards> or scan the QR code below. Soft copy of the filled-in application proforma should be forwarded to award@ieindia.org by **April 15, 2025**. Further, six copies of the duly filled application form, along with all supporting documents, endorsed by appropriate authority should be sent to the below mentioned address so as to reach us latest by **April 25, 2025**:

Deputy Director (Technical)
The Institution of Engineers (India)
8 Gokhale Road, Kolkata 700020



The envelope containing the application should be superscribed at the top as ‘IEI Young Engineers Award 2025’ and name of the engineering division under which the applicant desires to be considered for the Award.

Know-Your-Member (KYM)

Is your mobile number & e-mail are updated with us ? If not, then please forward your Know-Your-Member (KYM) form immediately for participating in IEI Election process.

You are requested to forward your KYM along with the self-attested copy of photo ID proof to the address given below:-

Deputy Director (Membership)
The Institution of Engineers (India)
8 Gokhale Road, Kolkata 700020
Email: datamemb@ieindia.org

The form is available on IEI Website <https://shorturl.at/SQ5f> or scan the code:



Corporate Air Ticketing for IEI Members

Corporate Members may book Corporate Air Ticket through M/s EBIX Travels Private Ltd. For details please visit <https://www.ieindia.org/webui/IEI-AirTickets.html>

Upgradation of Membership

- ❖ Existing Associate Members are requested to upgrade their Membership to the grade of MIE and FIE as per the eligibility criteria
- ❖ Existing Members are requested to upgrade their Membership to the grade of Fellow as per the eligibility criteria

For details, please contact

Deputy Director (Membership), The Institution of Engineers (India), 8 Gokhale Road, Kolkata 700020

✉ ddl.membership@ieindia.org

Chartered Engineer Certification

The Members who have not availed the Chartered Engineer Certificate [CEng(I)], are requested to apply online:

<https://www.ieindia.org/WebUI/iei-Memb.aspx#chartered-engineering>

Certificate of Practice for Practicing Chartered Engineers

The Corporate Members of the Institution having Chartered Engineer Certificate in the current grade of Membership with five years of experience as an Engineer in the relevant field can apply for Practicing Chartered Engineers Certification. The Institution will issue Practicing Registration No. for practicing Chartered Engineers, which is valid for five years.

The application fee for empanelment is, Rs.5900/- (GST included), which may be paid through Demand Draft/ Multi-city Cheque in favour of "The Institution of Engineers (India)" payable at Kolkata.

The hard copy of application form duly filled in alongwith supporting documents should reach to:-

Deputy Director (Membership), The Institution of Engineers (India), 8 Gokhale Road, Kolkata 700020

Please visit : <https://www.ieindia.org/webui/IEI-RegistrationForPPCE.aspx> for more details

Discount at the Samsung e-store for IEI Corporate Members

Exclusive access to the Samsung e-store for IEI Corporate Members. This shall enable the Corporate Members to procure the Samsung Products at a discounted rate. The Samsung e-store can be accessed at www.samsung.com/in/multistore/iei using your Membership No. and email id/Mobile Number.

Empanelment as Advocate/ Attorneys & Chartered Accountant who are also Engineers

The Institution of Engineers (India) invites practicing Advocates/Attorneys and Chartered Accountants who are also Engineers to apply for empanelment to enhance their visibility in the public domain. Empanelment entails a nominal application fee of Rs. 5900/- (inclusive of GST) payable by Demand Draft/Multi-city Cheque drawn in favor of "The Institution of Engineers (India)" and payable at Kolkata.

Applicants are requested to send a hard copy of their application to the **Deputy Director (Membership)**, The Institution of Engineers (India), 8 Gokhale Road, Kolkata 700020. For further details, please visit our website at <https://www.ieindia.org/webui/iei-home.aspx>.

Newsletter Editorial Committee

Dr J Krishnamoorthi FIE
Chairman, IEI CLC

Dr G Madhan Mohan FIE
Honorary Secretary, IEI CLC

Dr M Senthilkumar FIE
Committee Member, IEI CLC

Dr T Ramesh MIE
Committee Member, IEI CLC

The Institution of Engineers (India)
Coimbatore Local Centre
PSG College of Tech Campus
Peelamedu, Coimbatore - 641004
Phone: 0422 - 2580733
Email: ieicoimbatore@gmail.com
coimbatorelc@ieindia.org
Website: ieicoimbatore.org