



BULLETIN



Prof.Dr.D.ELANGO,FIE
Chairman

Dr.J.BALAMURUGAN,FIE
Honorary Secretary

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From the Chairman's Desk.....



Dear Fellow Engineers,

My heartfelt greetings to all our esteemed members.

I am delighted to share that the Institution of Engineers (India), Tamil Nadu State Centre, celebrated World Engineering Day for Sustainable Development on the theme "Smart Engineering for a Sustainable Future through Innovation and Digitalization" on 20th March 2026 at the IE(I) TNSC Auditorium, Chennai. Dr. Kallol Roy, Former Chairman and Managing Director, BHAVINI, and Research Advisor, IIT Madras, graced the occasion as the Chief Guest.

The Institution of Engineers (India), Tamil Nadu State Centre, in association with Mudhal Mozhi Thondu and Kalvi Arakkattalai, organized Regional Languages Promotion Day 2026 on the theme "Neer Uyirin Ver" on 21st March 2026 at the IEI TNSC Auditorium, Chepauk, Chennai. The programme was graced by Mr. Siva Ilanagai, Mr. Amirtham Peter Rajan, Mr. S. Shanmugasundaram, Mr. A. Anbazhagan, Mr. Babu Sasidharan, Mr. Aavichi, and Er. D. Gokul.

World Water Day on the theme "Water and Gender" was celebrated on 23rd March 2026 at the IEI TNSC Auditorium, Chennai. Er. N. Suresh Babu, Executive Engineer, Soil Mechanics and Research Division, Water Resources Department, Chennai, was the Chief Guest. The Academic Excellence Award was presented to Dr. T. Subramani, Professor, Department of Geology, Anna University, Chennai, in recognition of his achievement as a World Top 2% Scientist. A Water Summit Competition was organized for engineering and school students, and the winners were honoured during the World Water Day celebration.

In continuation of the celebrations, World Water Day for School Students was conducted on Saturday, 28th March 2026, at the IEI TNSC Auditorium, Chennai. Dr. R. Rajalakshmi, Retired Headmistress, Guntur Subbiah Pillai Theagarayanagar Girls' Higher Secondary School, Chennai, was the Guest of Honour, and Dr. Sankari Lakshminarayanan, Founder and Academic Director, Six Flame Academy, Puducherry, was the Chief Guest.

National Maritime Day on the theme "Maritime India – Empowering Progress" was conducted on 11th April 2026 through an online Zoom Meeting. Capt. Dr. Bhaskar Bhandarkar, St. Wilfred College of Law, Panvel, Mumbai, was the Chief Guest, and Er. S. Kannan, Past Chairman, IEI TNSC, was the Guest of Honour. Mr. Ranjit Narayanan, Global Head of Recruitment, Marine Talent Acquisition, Anglo-

Eastern Ship Management, delivered the special address as Guest Speaker.

I also request all current Corporate Members to complete the “Know Your Membership (KYM)” form to help us update and maintain an accurate membership database. Your cooperation is vital for ensuring seamless communication and effective delivery of member benefits. The completed form may be submitted in person at the IE(I) Tamil Nadu

State Centre office or sent via email to ieitamilnadu@gmail.com or tncs@ieindia.org.

Let us work together to further strengthen our professional community and contribute meaningfully to the nation’s progress.

With warm regards,

Prof.Dr.D.ELANGO, FIE.,
Chairman, IE(I) TNSC

From the Hon. Secretary's Desk.....



Dear Engineers and Esteemed Colleagues,

Building Tamil Nadu’s Engineering Startup Ecosystem

Invitation for Collaboration & Active Participation

Innovation becomes truly meaningful when ideas are transformed into impactful solutions that benefit industry, society, and the nation.

The Institution of Engineers (India) – Tamil Nadu State Centre (IEI–TNSC) is pleased to announce the launch of a comprehensive **Engineering Innovation & Startup Ecosystem Initiative** aimed at nurturing aspiring entrepreneurs, student innovators, MSMEs, researchers, technology startups, and engineering professionals through a structured and collaborative growth platform.

Under the proposed IEI Engineering Innovation & Startup Foundation (IEI–EISF), this initiative seeks to create a sustainable ecosystem that promotes innovation-led employment, indigenous technology development, research commercialization, and industrial advancement across Tamil Nadu and India.

Our esteemed committee members, who are also actively associated with various professional institutions, industrial bodies, social organizations, academic forums, and leadership networks, bring with them rich experience, visionary leadership, and strong professional connectivity. Their active participation and collaborative engagement will

significantly contribute towards expanding partnerships, strengthening institutional networking, and enhancing the outreach and impact of IEI–TNSC.

At a time when technology is advancing at an exponential pace, it becomes imperative for our Institution to proactively evolve, adapt, and lead from the front. Through collective leadership, interdisciplinary collaboration, and innovation-driven initiatives, IEI–TNSC aspires to emerge with flying colours as a vibrant and globally competitive engineering and innovation platform dedicated to societal development, industrial growth, and nation-building.

Key Focus Areas

- Startup Ideation to Commercialization
- Technology Incubation & Acceleration
- Skill Development & Capacity Building
- Research & Product Innovation
- Industry–Academia Collaboration
- Emerging Technologies & Engineering Excellence

This mission is aligned with the national development initiatives of:

- Startup India
- Digital India
- Skill India
- Atmanirbhar Bharat

In this regard, IEI–TNSC cordially invites esteemed professional bodies and institutional networks such as Institution of Engineering and Technology (IET), Institution of Electronics and Telecommunication Engineers (IETE), Institute of Electrical and Electronics Engineers (IEEE), Indian Society for Technical Education (ISTE), Southern India Chamber of Commerce and Industry (SICCI), Federation of Indian

Chambers of Commerce and Industry (FICCI), various Chambers of Commerce, industrial associations, incubation centres, innovation councils, educational institutions, and ecosystem leaders to actively participate and collaborate in this transformative movement.

We warmly welcome your members viz., engineering professionals, researchers, entrepreneurs, faculty members, industry experts, and institutional partners to join hands with IEI–TNSC and work together as one extended professional family for greater achievements in:

- Engineering innovation and entrepreneurship
- Technology-driven societal development
- Governance and public infrastructure improvement
- Skill enhancement and employment generation
- Sustainable industrial and economic growth

Key Benefits for Participating Institutions & Members

- Access to innovation, startup, and entrepreneurship opportunities

- Industry networking and collaborative engagement
- Mentorship, incubation, and technology support platforms
- Exposure to emerging technologies and advanced engineering practices
- Support for research, product development, and commercialization
- Participation in sustainable and innovation-driven growth initiatives

Together, let us empower innovation, nurture entrepreneurship, strengthen engineering excellence, and shape a globally competitive ecosystem for the future development of Tamil Nadu and India.

Join our WhatsApp Channel for more information <https://whatsapp.com/channel/0029VbC45KHJpe8iyqJ2Ap0C>

Visit our website : ieitnsc.org

Dr.J.Balamurugan,FIE
Honorary Secretary,
IE(I) TNSC

WORLD ENGINEERING DAY FOR SUSTAINABLE DEVELOPMENT

Theme: “Smart Engineering for a Sustainable Future through Innovation and Digitalization”

20th March 2026

United Nations Educational Scientific and Cultural Organisation (UNESCO) has declared 4th March as World Engineering Day for Sustainable Development considering the global awareness and understanding of the role of engineering in modern life. IEI being an international Member of World Federation of Engineering Organizations (WFEO), would like to request the engineering community in India to celebrate this day in a befitting manner and organise events to mark the occasion.

The Institution of Engineers (India), Tamil Nadu State Centre, celebrated World Engineering Day for Sustainable Development on the theme “Smart Engineering for a Sustainable Future through Innovation and Digitalization” on 20th March 2026 at 5.00 p.m. at the IE(I) TNSC Auditorium, Chennai.

The programme commenced with Tamizh Thai Vazhthu, followed by the ceremonial lighting of the lamp by the dignitaries. Prof. Dr. D. Elango, Chairman, IE(I) TNSC, delivered the welcome address.

Er. D. Gokul, Immediate Past Honorary Secretary, spoke on the significance of the theme, highlighting its relevance in today’s rapidly evolving technological landscape.



Welcome address by Prof. Dr. D. Elango, Chairman, IE(I) TNSC

Dr. Kallol Roy, Former Chairman and Managing Director, BHAVINI, and Research Advisor, IIT Madras, graced the occasion as Chief Guest. He was honoured with a shawl and memento by the Chairman.



Honouring the Chief Guest

On the occasion, the Academic Excellence Award was presented to Dr. B. Ramesh, Principal, SIMATS Engineering, Saveetha Institute of Medical and Technical Sciences. Industry Excellence Awards were conferred to Er. P. G. Kamalakannan, CEO, Konstrakt Infratech, and Er. M. Namachivayam, Managing Director, Virupaksha Controls and Automation Pvt. Ltd., in recognition of their notable contributions.

The felicitation session featured addresses by Er. P. Marvelloss, Former Director, RDSDE MP (Indian Skill Development Services), Ministry of Skill Development and Entrepreneurship, and Er. T. Arivuraja, Managing Director, MAPE IT Solutions Pvt. Ltd.

Dr. V. S. Sriraja Balaguru, Joint Secretary and Committee Member, IE(I) TNSC, introduced the Chief Guest.

In his address, Dr. Kallol Roy emphasized the need to strengthen codal frameworks and certification systems to enhance the participation of MSMEs and

start-ups in the nuclear sector. He highlighted the multidisciplinary nature of the industry and the growing role of emerging technologies such as cyber-physical systems, digital twins, and Industry 4.0/5.0 tools in improving efficiency, safety, and reliability.

He further stressed the importance of comprehensive certification programmes supported by academia, R&D organisations, and industry, along with the need for experimental validation, skill development, and adherence to stringent quality and cyber security standards. He underscored that robust codes, standards, and structured certification mechanisms are essential for enabling MSMEs to contribute effectively while ensuring regulatory compliance.



Vote of Thanks by Dr. J. Balamurugan, Honorary Secretary, IE(I) TNSC

Dr J Balamurugan, Honorary Secretary, IE(I) TNSC, delivered the vote of thanks. The programme concluded with the National Anthem. Participants from various institutions attended the celebration.

**Regional Languages Promotion Day
21.03.2026**

The Institution of Engineers (India) Tamil Nadu State Centre, in association with Mudhal Mozhi Thondu and Kalvi Arakkattalai, organized the Regional Languages Promotion Day 2026 on the theme “Neer Uyirin Ver” on 21st March 2026 at 5.00 p.m. at IEI TNSC Auditorium, Chepauk, Chennai.

Prof. Dr. D. Elango, Chairman, IEI TNSC, delivered the welcome address. The programme was graced by Mr. Siva Ilanagai, Mr. Amirtham Peter Rajan, Mr. S. Shanmugasundaram, Mr. A. Anbazhagan, Mr. Babu Sasidharan, Mr. Aavichi and Er.D.Gokul.

Mr. Amirtham Peter Rajan delivered a special address on the topic “Neer Uyirin Ver,” highlighting the

importance of water conservation and environmental awareness.



He emphasized that water is essential for all living beings and plays a crucial role in human survival, health, agriculture, and industrial development. He further explained that conserving water through sustainable practices helps prevent water scarcity and ensures the availability of clean water for future generations.

The speaker also stressed the need to protect the environment by reducing pollution and preserving natural water resources, thereby creating awareness about ecological balance.

He noted that responsible water management practices such as rainwater harvesting, water recycling, and efficient usage are vital for safeguarding water resources and supporting sustainable development.

Dr. J. Balamurugan, Honorary Secretary, IEI TNSC, delivered the vote of thanks. The event witnessed enthusiastic participation from literary enthusiasts, students, and corporate members, making the programme a grand success.

World Water Day
Theme: "Water and Gender"
23.03.2026

The Tamil Nadu State Centre of The Institution of Engineers (India) observed World Water Day on the theme "Water and Gender" on Monday, 23rd March 2026 at 5.00 p.m. at the IEI TNSC Auditorium, Chennai.

The programme commenced with Tamil Thai Vazhthu, followed by the ceremonial lighting of the lamp by the dignitaries. Prof. Dr. D. Elango, Chairman, IE(I) Tamil Nadu State Centre, delivered the welcome address. Dr. V. S. Sriraja Balaguru, Joint Secretary and Committee Member, IE(I) TNSC, spoke on the significance of the World Water Day theme.

Chennai, in recognition of his achievement as a World Top 2nd Scientist.



Academic Excellence Award was presented to Dr. T. Subramani



Honouring the Chief Guest Er. N. Suresh Babu

Prof. Dr. D. Elango honoured the Chief Guest with a shawl and memento. On this occasion, the Academic Excellence Award was presented to Dr. T. Subramani, Professor, Department of Geology, Anna University,

The Chief Guest, Er. N. Suresh Babu, Executive Engineer, Soil Mechanics and Research Division, Water Resources Department, Chennai, was formally introduced by Dr. G. K. Pandiya Rajhan, Associate Professor and Head, Department of Civil Engineering, Tagore Engineering College.

In his address, the Chief Guest emphasized the critical role of water in daily life and its strong linkage with social equity. He highlighted that nearly 70% of water consumption is attributed to agriculture, while domestic and industrial uses account for smaller shares. He noted that unequal access to water resources continues to disproportionately affect women in many regions.

He also discussed the emerging impact of technology on water usage, pointing out that Artificial Intelligence (AI) and large-scale data centers require substantial quantities of water for cooling purposes. Studies indicate that major technology companies consume billions of liters of water annually, underlining the importance of sustainable practices in technological advancement.

The Chief Guest further reflected on the contributions of pioneering women engineers such as Shakuntala Bhekar, recognizing their role in infrastructure development and water resource management.

As part of the celebration, a Water Summit Competition was organized for engineering and school students. Preliminary rounds, including paper and poster presentations, were conducted at

respective institutions, and the final round was held at the IEI TNSC Auditorium on the day of the event. Winners were awarded cash prizes by the Chief Guest.



Poster Presentation by Students

Dr. J. Balamurugan, Honorary Secretary, IE(I), Tamil Nadu State Centre, proposed the vote of thanks. The programme concluded with the National Anthem. The event witnessed the participation of more than 120 attendees.

World Water Day
Theme: "Water and Gender"
28.03.2026

The Tamil Nadu State Centre of The Institution of Engineers (India) observed *World Water Day* on the theme "**Water and Gender**" for School Students on Saturday, 28th March 2026 at 10.00 a.m. at the IEI TNSC Auditorium, Chennai.

The programme commenced with Tamizh Thai Vazhthu creating a respectful and traditional beginning to the event. The gathering was welcomed by Dr J Balamurugan, FIE, Honorary Secretary, IE(I), TNSC, who addressed the participants and emphasized the significance of observing World Water Day and creating awareness among students and the public regarding responsible water usage.

The dignitaries and guests were honoured during the celebration. The Guest of Honour, Dr R Rajalakshmi, Retired Headmistress, Guntur Subbiah Pillai Theagarayanagar Girls' H S School, Chennai delivered an insightful address focusing on the need for community participation in water conservation and the importance of educating young generations about sustainable practices.



Honouring the Chief Guest



Honouring the Guest of Honour

The Chief Guest, Dr Sankari Lakshminarayanan, Founder-Academic Director, Six Flame Academy, Puducherry spoke on the relationship between water management and social development, particularly highlighting the impact of water accessibility on women and communities. The address encouraged students to become responsible citizens and actively support environmental sustainability initiatives.



Poster Presentation by School Students

Students from various Government and Private Schools enthusiastically participated in the programme and presented creative poster presentations based on the theme of water conservation and environmental sustainability.

Winners of the poster presentation competition were awarded prizes and certificates in appreciation of their outstanding performances and active participation.

The programme concluded with a Vote of Thanks delivered by Dr J Balamurugan, who expressed gratitude to the dignitaries, participants, organizers, and students for making the event meaningful and successful. The event ended with the National Anthem.

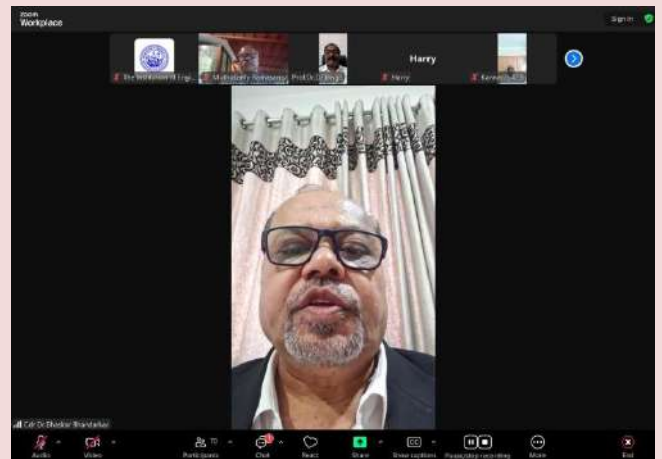
The World Water Day celebration successfully created awareness on the importance of water conservation and reinforced the need for collective responsibility towards sustainable water management and gender-sensitive environmental practices.

National Maritime Day
Theme : “Maritime India-Empowering Progress”
11.04.2026

National Maritime Day in India, celebrated annually on April 5th, commemorates the 1919 maiden voyage of the SS Loyalty, the first Indian-owned ship to travel from Mumbai to London, marking a major step toward self-reliance in shipping. It highlights the sector's 95% contribution to India's trade volume, honors seafarers, and promotes sustainable "green" shipping initiative.

The TamilNadu State Centre of the Institution of Engineers (India) observed the National Maritime Day on the theme “Maritime India-Empowering Progress” on 11th April 2026 at 6.00 pm through online Zoom Meeting.

At the outset, Prof.Dr.D.Elango, Chairman, IE(I) TamilNadu State Centre welcomed the gathering and introduced the Chief Guest Capt.Dr.Bhaskar Bhandarkar, St.Wilfred College of Law Panvel, Mumbai. Er.S.Kannan, Past Chairman, IE(I) TNSC was the Guest of Honour.



Er R Muthusamy, Committee Member, Marine Engineering Division IE(I) TNSC introduced the Guest Speaker Mr Ranjit Narayanan, Global Head of Recruitment, Marine Talent Acquisition, Anglo – Eastern Ship Management.

Mr Ranjit Narayanan highlighted India’s rich maritime heritage and the expanding opportunities within the

shipping industry. He shared his inspiring journey from a marine engineering graduate to a senior leader at Anglo-Eastern Ship Management, illustrating how the company grew from managing just eight ships to overseeing more than 1,100 vessels and employing thousands of Indian seafarers.



He emphasized the historic maritime strength of the Chola and Pandya kingdoms, underscoring the vital role of shipping in global trade. He also acknowledged the significant contributions of seafarers during the COVID-19 pandemic.

Looking ahead, Mr. Narayanan spoke about India's promising maritime future, driven by advancements in shipbuilding, port infrastructure, logistics, and green energy projects, particularly in Tamil Nadu.

Encouraging students and young engineers, he described the next 15 years as a "golden era" for India's maritime sector. He urged them to explore careers in shipping, shipbuilding, and related industries, highlighting the immense potential for growth and innovation in this field.

Dr J Balamurugan, Honorary Secretary of IE(I) TamilNadu State Centre proposed the vote of thanks.

Committee Members, Local Centre Chairman, Corporate Members and Students from Various engineering colleges joined the program.

This program is available in IEI TNSC Youtube channel: <https://youtu.be/pVhBeKRIJCQ> . Kindly subscribe and share with your friends and colleagues.

Know Your Member (KYM)

Dear Corporate Members,

We request all Corporate Members to kindly complete the **Know Your Membership (KYM)** form to enable us to update and maintain an accurate and comprehensive membership database.

Your cooperation in this matter is essential to ensure seamless communication and uninterrupted access to member services and benefits.

After duly completing the form, you are requested to submit it by email to datamemb@ieindia.org / ieitamilnadu@gmail.com or tncs@ieindia.org

We look forward to your prompt support and cooperation.

The KYM form is available on the IE(I) website: www.ieindia.org.

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Bulletin

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