



BULLETIN



Dr. V. KARTHIKEYAN, FIE.
Chairman

Er.D.GOKUL, MIE
Honorary Secretary

Vol. 24 : No.5

May 2025

From the Chairman's Desk.....



Dear Fellow Engineers,

It is my pleasure to connect with all of you through our News Bulletin.

The Tamilnadu State Centre of the Institution of Engineers (India) organized One Day Seminar on Social Engineering and Cyber Safety Awareness in association with SRM Valliammai Engineering College on 2nd May 2025 at Seminar Hall, SRM Valliammai Engineering College, Kattankulathur. Dr. P. Chidambaram Rajan, Director, SRM Valliammai Engineering College was the chief guest and delivered the inaugural address. He provided an overview of social engineering, explaining the various deceptive techniques employed by cybercriminals.

I am delighted to share that The Institution of Engineers (India) Tamilnadu State Centre celebrated World Telecommunication and Information Society Day on the theme "Gender Equality in Digital Transformation" on 20th May 2025 through zoom platform. The Chief Guest, Dr. S.Gomathi, Associate Professor, Department of Electronics Engineering, K.S.Rangasamy College of Technology, Tiruchengode delivered an inspiring address to the participants.

I am happy to share that The Institution of Engineers (India) is organizing the 39th National Convention of Environmental Engineers and National Seminar on "Environment and Digital World for Sustainable Development" on 22-23 August 2025 at IE(I) TNSC Auditorium, Chennai. We request your goodself to kindly provide the financial support for the successful conduct of the above convention and I invite all corporate members to participate in the convention.

I am eager to significantly increase the membership of the Tamilnadu State Centre and to establish or renew Student Chapters and Institutional Memberships in universities, engineering colleges, and polytechnic colleges across Tamil Nadu. I earnestly seek the support of all our members to achieve these objectives.

I request all current corporate members to complete the "Know Your Membership (KYM)" form to assist us in updating and maintaining an accurate database. Your cooperation in this matter is vital for ensuring seamless communication and access to member benefits. Once completed, please submit the form to the IE(I) Tamil Nadu State Centre office in person, or email it to ieitamilnadu@gmail.com or tnsc@ieindia.org.

With regards

Dr.V.Karthikeyan,FIE.,
Chairman, IE(I) TNSC
Chairman, ENDB IE(I)



Dear Corporate Members,

It is my pleasure indeed to meet all of you through our News Bulletin.

As you were aware that Chenab Bridge in Jammu & Kashmir, dubbed as the world's tallest railway arch was recently inaugurated by PM Modi. Following this, Dr. Madhavi Latha G, a professor of Civil Engineering from Indian Institute of Science (IISc), Bengaluru one of the minds behind this iconic structure, stole the spotlight. This engineering expert played a pivotal role in the design and construction of the bridge. On behalf of IE(I) Tamilnadu State Centre, I congratulate her for the significant contribution towards the construction of iconic structure.

IE(I) Tamilnadu State Centre should aim to increase the membership strength of our Institution. All our committee members and corporate members should aim for a massive membership drive in Engineering Colleges and Industries requesting their faculties and engineers to enroll themselves as the members of IE(I).

All the meetings are available in our IEI TNSC You Tube Channel. I request all our corporate members to visit our IEI TNSC You Tube Channel and SUBSCRIBE for further notification of technical events and kindly visit our website (ieitnsc.org) for more information.

Thank you all for your continuous support and participation. I look forward to our continued journey of growth and success together.

Er. D. Gokul, MIE

Honorary Secretary, IE(I) TNSC

ONE DAY SEMINAR ON SOCIAL ENGINEERING AND CYBER SAFETY AWARENESS (02-05-2025)

The Institution of Engineers (India), Tamilnadu State Centre, under the aegis of National Languages Promotion Committee IE(I) in association with SRM Valliammai Engineering College organized **One Day Seminar on "Social Engineering and Cyber Safety Awareness"** on 02nd May 2025 at SRM Valliammai Engineering College, Kattankulathur

The event commenced with the auspicious Tamizhthaai Vazhthu at 9:30 AM followed by the lighting of the Kuthu Vilakku by dignitaries. **Dr. M. Murugan**, Principal of SRM Valliammai Engineering College, delivered the welcome address. **Dr.P.Chidambaram Rajan**, Director, SRM Valliammai Engineering College delivered the inaugural address. **Er. D. Gokul**, Honorary Secretary, IE(I) Tamilnadu State Centre highlighted the growing importance of digital literacy in today's technological era.

The first session was delivered by the guest speaker, Dr. P. Chidambaram Rajan, Director of SRM Valliammai Engineering College and National Advisor on Computer Security and

Security Standards, provided an overview of social engineering, explaining the various deceptive techniques employed by cybercriminals.



Honouring the Chief Guest

The second session was delivered by Dr. M. Senthil Kumar, Professor and Head of the Department of Cyber Security, SRM Valliammai Engineering College. The speaker conducted an in-depth session on social engineering attacks, sharing real-life examples and discussing effective counter measures. The third session

was delivered by Mr Giri Veeraraghavan Veda, Director of Defsec on Technologies, delivered a highly insightful talk on cyber security awareness, concluding the seminar by offering practical tips to strengthen participants' online security.

Eminent speakers from academia and industry participated in the seminar. The event attracted enthusiastic participation from 130 students, faculty, cyber security enthusiasts and 63 corporate members attended the seminar.

CELEBRATION OF WORLD TELECOMMUNICATION AND INFORMATION SOCIETY DAY
Theme : "Gender Equality in Digital Transformation"

The Institution of Engineers (India) TamilNadu State Centre celebrated the **World Telecommunication and Information Society Day** on the theme "**Gender Equality in Digital Transformation**" on **20th May 2025** at **6.00 pm** through online zoom platform.

The program started with welcome speech by **Dr. V. Karthikeyan**, Chairman, IE(I) TNSC, Chairman, ENDB,IE(I) **Er. D. Arulselvan**, Committee Member, E&T Division, IE(I) TNSC introduced the guest speaker **Dr. S.Gomathi**, Associate Professor, Department of Electronics Engineering, K.S.Rangasamy College of Technology, Tiruchengode .

Dr. S.Gomathi presented her speech with power point presentation. She briefed that before we had computers and screens, people used ink, paper, and their hands to record stories. Some people held the pen, while others were left out. Inequality didn't start with the internet. It was around long before that—built into old empires, ancient schools, and in who was allowed to speak and who was told to stay quiet. Long before computers, access to knowledge was not equal between men and women. In India, women like Gargi and Maitreyi asked questions and joined deep discussions—but they were rare exceptions. In ancient China, Confucian beliefs said women should stay at home, while men took part in politics, thinking, and inventions. So, the digital divide we talk about today isn't new—it's part of a much older problem where access to knowledge has long been unfair.

Let's not confuse patriarchy with privilege. Even men, especially in strict societies, were taught to fit into

In the vote of thanks, Assistant Professor from the Department of Information Technology, SRM Valliammai Engineering College Mrs. C. Shenbagavadivu, expressed heartfelt gratitude to the speakers, dignitaries, organizing team, and all participants who contributed to making the seminar a great success.

narrow roles: be strong, don't cry, protect others, earn money, never show weakness or softness. These weren't just social rules—they were emotional burdens.

Now we live in a digital world—with computers, smartphones, and AI everywhere. You might think all this progress has reduced inequality. But the numbers show that's not true. Only 22% of AI professionals around the world are women. Just 16% of Wikipedia editors are female.

In the early days, programming was seen as routine work—like typing or filing—so it was mostly done by women. But things changed. As computers became more important, the field became more exclusive. People stopped seeing programming as just logic and patterns. Instead, they started calling it genius, innovation, and science—and they said science was for men.

The internet didn't cause inequality—it just showed the unfairness that was already there. As of 2024, there are 264 million fewer women online than men around the world. In India, only 36% of women in rural areas use mobile internet, compared to 65% of men. Fewer than 1 in 5 rural girls know how to use digital tools.

We often talk about success stories but must not forget the unseen ones. Gender equality in the digital world isn't just a bonus or a checkbox—it's the foundation of real progress, creativity, and fairness. It's about making sure everyone, no matter their gender, identity, or background, has the same chances, access, and voice. To make real change, we

need people from all countries and industries to work together. It's a big change that starts by focusing on the needs of people who have been left out for too long.

History shows us that technology is not neutral. In the past, women were kept out of education, non-binary and trans people were erased, and men were told to hide their emotions. If we build the digital

future using the same unfair ideas, technology like AI and virtual reality will also be biased, privileged, and exclusive. With technology moving so fast, it can spread these problems even more quickly.

Er D Gokul, Honorary Secretary of IE(I),TNSC proposed the Vote of thanks.

APPEAL FOR CONTRIBUTIONS

Land Purchase Initiative by The Institution of Engineers (India), Tamil Nadu State Centre

The Institution of Engineers (India) (IEI), a distinguished professional body serving the engineering community since 1920, stands as a pillar of engineering excellence and societal development. With 15 specialized engineering divisions and a strong membership of over 50,000 engineers in Tamil Nadu, IEI has made remarkable contributions to the profession and the community for more than 100 years.

In celebration of a century of service, the Tamil Nadu State Centre is embarking on a monumental journey to acquire its own premises in Chennai. This ambitious initiative involves purchasing a property measuring 2500 sq. ft., with an estimated cost of Rs.1.5 to Rs. 2 crores.

We sincerely appeal to our Council, Committee Members, and esteemed Corporate Members to support this endeavor through generous contributions. Your support is crucial in helping us secure a dedicated space to foster engineering excellence and community engagement.

Contributions to this initiative are eligible for tax benefits under Section 80G of the Income Tax Act, 1961. We encourage all members to contribute toward this historic project. Please find the IEI bank account details below to make your contribution:

The bank details are given below:

Account Name : The Institution of Engineers India Tamilnadu State Centre
Account Number : 0346000100049405
Bank & Branch : Punjab National Bank, Triplicane, Chennai - 600005
IFSC Code : PUNB0034600
GST No. : 33AAATT3439Q1Z1

Let us come together to create a lasting legacy for the engineering fraternity in Tamil Nadu. Your contribution will be instrumental in strengthening our foundation and empowering future generations of engineers.

Thanks & Regards

Dr V Karthikeyan, FIE
Chairman

Er D Gokul, MIE
Honorary Secretary

Licensed to post without pre-payment

Posted on 17th June 2025 : Posted at Egmore RMS (Patrika)

Bulletin

IF UNDELIVERED RETURN TO : The Institution of Engineers (India) Tamilnadu State Centre,

19, Swami Sivananda Salai, Chepauk, Chennai - 600 005.

Phone : 044-2536 0614 / 9962950333

Email : ieitamilnadu@gmail.com / tnsc@ieindia.org Website : www.ieitnsc.org

Printed by Er. D. Gokul, Honorary Secretary and Published on behalf of The Institution of Engineers (India) Tamilnadu State Centre, 19, Swami Sivananda Salai, Chepauk, Chennai-600005 and printed at Sunitha Printers, 193, Peters Road, Chennai 600014.

Editor: Er. D. Gokul, Honorary Secretary