Free of Cost for IETE Members
The Institution of Electronics and Telecommunication Engineers

IETE NEWS LETTER

Volume-28, Number-2, May-Aug 2026

From President's Desk



Dear IETE Members,

Warm greetings to you all!

It is a pleasure to connect with you through this edition of the *IETE Newsletter* and share the recent developments, achievements and initiatives that reflect the dedication and collective spirit of our IETE community. The active participation of our members, the commitment of our Centres, Sub-Centres, PACs and ISFs and our continued engagement with academia and industry remain central to advancing IETE's mission of promoting professional excellence in Electronics, Telecommunications and Information and Communication Technologies.

One of the encouraging developments this year has been the significant growth in IETE's overseas membership. The upgraded digital membership portal has streamlined membership applications and renewals while facilitating access to IETE publications, webinars and other professional resources. Strategic collaborations with universities and technology organizations are also being pursued to create opportunities for certification, internships and continuous skill enhancement.

Alongside these efforts to strengthen member engagement, IETE continues to extend its activities to new regions and support specialized technical activities. The inauguration of the *Centre of Excellence (CoE) on Cyber Security* at the Raja Ulatu Campus of Jharkhand Rai University, Ranchi, on 11 July 2026 represents a focused initiative to equip students and researchers with the knowledge and practical skills needed to address rapidly evolving cyber threats. Similarly, the inauguration of the *IETE Firozabad Sub-Centre* on 25 August 2026 at FS University, Firozabad, Uttar Pradesh, marked an important step in creating opportunities for students, academicians and professionals from that area to engage in innovation and professional development.

Complementing these institutional initiatives, IETE's technical conferences continue to provide valuable opportunities for knowledge sharing and professional interaction. The 2nd International Conference on Smart Mobility Systems (ICSMS-2026), held on 30 June and 1 July 2026 at Osmania University, Hyderabad, brought participants together to deliberate on emerging technologies for intelligent and sustainable mobility. The conference covered important areas such as intelligent transportation systems, connected and autonomous vehicles, electric mobility, AI-driven mobility solutions, the Internet of Things (IoT) and advanced communication technologies.

This spirit of technical exchange was also reflected in the Institution's flagship event, the Annual Technical Convention, hosted by the IETE Kolkata Centre on 25–26 September 2026 in association with the Computer Society of India. Focused on Network Security and Blockchain Technology, the Convention addressed diverse topics, including privacy, authentication, digital watermarking, cybersecurity, access control, security modelling, security in social networks, digital rights management and applications of blockchain technology.

The Convention also marked a significant milestone in the Institution's leadership. Dr DC Pande, Distinguished Scientist, Electronics and Radar Development Establishment (LRDE), Bengaluru, assumed office as President of IETE for the 2026–27 term, succeeding me at the conclusion of my two-year tenure. I extend my best wishes to Dr Pande as he takes forward the Institution's work. I also express my sincere gratitude to the members of the Governing Council for their unstinted support and cooperation throughout my presidency.

As IETE advances, its technical, professional activities and its publications, remain central to the dissemination of knowledge and the promotion of research. Our Publications team is working diligently to

CONTENTS

From President's Desk	1-2
69th Annual IETE Convention-2026: A Report	5-10
2nd Int'l Conf on Smart Mobility Systems (ICSMS) 2026	11
Inauguration of IETE Firozabad Sub-Centre	13
Establishment of CoE at Ranchi	13
Newly Elected IETE GC Members (2026-29)	15-18
News from IETE Centres/ Sub-Centres	19-35
IETE Students' Forum (ISF) Activities	35-59
24th IETE Australia International Symposium & Annual Day 2026	60-61
New IETE Members – Enrolled/Upgraded	63
IETE Award Winners 2026	65



IETE HQs, New Delhi

ensure a smooth transition from the existing co-publishing arrangement with Taylor & Francis to SAGE Publications, effective January 2027. Concurrent efforts are being made to reduce review timelines for newly submitted manuscripts and improve the efficiency of the publication process with the new partner. These initiatives are being pursued under the guidance of our distinguished Editors-in-Chief, supported by Deputy Editors-in-Chief, Editors and a large network of reviewers.

Recognising excellence and honouring distinguished contributions are equally important to the Institution's professional ethos. I extend my heartfelt congratulations to, Shri Shashi Shekhar Vempati, Padma Shri Awardee, Chairperson, Central Board of Film Certification, Former CEO, Prasar Bharati, GoI on the conferment of IETE Honorary Fellowship. I also congratulate Lt Gen (Dr) AKS Chandele, PVSM, AVSM (Retd), DFIETE, President Emeritus, IETE; Former Director General EME, Indian Army and Prof (Dr) GSN Raju, Chancellor, Centurion University, Andhra Pradesh, Former Vice-Chancellor, Andhra University, Visakhapatnam, on being honoured with the IETE Lifetime Achievement Award 2025-26. Their outstanding contributions to their respective fields and sustained commitment to professional excellence are truly commendable. Their achievements serve as an inspiration to IETE members and encourage continued dedication to the profession and society.

Amid these accomplishments and forward-looking initiatives, we also remember with deep respect those who have made lasting contributions to the Institution. It is with profound sorrow that I inform the passing of IETE's former President, Prof (Dr) RK Arora. His distinguished service, wisdom and technical excellence have left a lasting legacy. His steadfast commitment to our Institution will be remembered with respect and gratitude. We extend our heartfelt condolences to his family, colleagues and all those who mourn his loss.

As my tenure as President concludes, I look back with gratitude on the opportunity to serve this esteemed Institution and on the cooperation extended by its members and leadership. I encourage all members to extend their full support to the incoming President and continue contributing to IETE's mission. With collective commitment and purposeful collaboration, I am confident that the Institution will continue to advance professional excellence and strengthen its contribution to national development.

SUNIL
President IETE



IETE President attending important Events



IETE with Team NFSU at their Campus, Gandhinagar, Gujarat



IETE at International Conference IEEE Chandicon 2026 at PEC, Chandigarh



IETE President with Chairman ISRO Dr V Narayanan at Ahmedabad on 23 Aug 2026



As President BES and Member Advisory Board ISRO NAC SAC 50+, attended National Space Day celebrations on 23 Aug 2026, Ahmedabad

From L - R

1. Shri Sunil President IETE.
2. Astronaut Shubhanshu Shukla, Group Captain in the Indian Air Force (IAF) and Gaganyatri ISRO, first Indian to visit the International Space Station and Ashoka Chakra awardee.
3. Pawan Kumar Goenka, Chairman of INSPACE, a part of India's Space Program and also the present Chairman of the Board of Governors of IIT Madras.
4. Astronaut Angad Pratap, Group Captain and Test Pilot with the Indian Air Force and Gaganyatri ISRO, one of the four men identified for next Indian human spaceflight programme.
5. Pawan Kumar Chandana, CEO Skyroot Aerospace. Skyroot successfully launched India's first private orbital class rocket Vikram-1 into orbit on 18 July 2026, making India the third country with a private orbital launch capability after the US and China.



President IETE Visits IETE Centres



With EC Members of IETE Patna Centre



With EC Members of IETE Nagpur Centre



Greeting Dr Atul Garg, OAM JP & Chairman IETE PAC Perth, Western Australia and his wife Mrs Poonam Garg at IETE HQ, New Delhi



With EC Members of IETE Ranchi Centre



Inauguration of New IETE Amaravati Building on 9th July 2026

69th Annual IETE Convention-2026: A Report

on

Network Security and Blockchain Technology (ICNSBT 2026) held at Kolkata

Kolkata, popularly known as the *'City of Joy'*, hosted the Institution's flagship event, the **69th Annual IETE Convention (AIC) – 2026**, on 25-26 September 2026 in association with the Computer Society of India at RCC Institute of Information Technology (RCCIIT), at Kolkata. The Convention focused on the theme **Network Security and Blockchain Technology (ICNSBT 2026)**, covering contemporary areas including privacy, authentication, cyber-security, security in social networks and the role of Artificial Intelligence and Machine Learning in information security. The convention commenced with the lighting of the ceremonial lamp and invocation & *Ganesh Vandana*, setting an auspicious tone for the two-day event.

Dignitaries on the dais were : **Shri Shashi Shekhar Vempati**, Padma Shri Awardee & Chairman, Central Board of Film Certification (CBFC); **Shri Sunil,** President IETE (2025-26); **Dr DC Pande,** an Outstanding Scientist & former Director (Technical), LRDE Bengaluru as the incoming IETE President for the Term 2026-27; **Prof (Dr) Tapas Chakraborty,** Vice Chancellor, Maulana Abul Kalam Azad University of Technology, West Bengal and Guest of Honour; **Dr Shiv Kumar,** Chairman, Technical Programs and Outreach Committee; **Dr J K Mandal,** Zonal Mentor (East); **Dr Jyoti Sekhar Banerjee,** Program Chair, ICNSBT 2026; **Prof (Dr) Partha Pratim Sarkar,** Chairman IETE Kolkata Centre.

The welcome address was delivered by **Dr Partha Pratim Sarkar**, Chairman, IETE Kolkata Centre, who in his address traced the evolution of engineering education in India and highlighted its significant expansion after Independence and the rapid growth of engineering colleges following the entry of private institutions. He emphasized that, while access to engineering education has increased considerably, maintaining and enhancing its quality must now be the foremost priority to help India emerge as a Vishwaguru in engineering education. **Dr Shiv Kumar,** Chairman, Technical Programmes and Outreach Committee, presented an overview of the 69th Annual IETE Convention, highlighting the relevance of its theme and emphasised the need for a trusted digital infrastructure through robust cybersecurity frameworks, indigenous standards, secure device identity, and blockchain-enabled verification. He appreciated the efforts of the IETE Kolkata Centre and wished the two-day convention great success.

Dr Jyoti Shekhar Banerjee, ICNSBT 2026 Program Chair and CSI Kolkata Chapter Chairman, greeted dignitaries and participants. He said that 400 papers from over 20 nations were submitted to the conference, with 42 accepted for Springer's LNNS series. He complimented IETE Kolkata Centre and RCCIIT for organizing the convention and highlighted the expanding relationship between IETE and CSI Kolkata in fostering quality technical programs and research in network security and blockchain technology. After welcoming dignitaries and attendees to AIC 2026, East Zonal Mentor **Prof J K Mondal** praised RCCIIT for hosting the convention. He highlighted Springer's strict originality, similarity, and AI-generated content standards for the 42 selected papers. He cautioned authors against post-presentation modifications and duplicate submissions, while appreciating the collective efforts and teamwork of the IETE Kolkata Centre in organizing the event.

Shri Sunil, President, IETE, spoke about the long history of IETE in the progress of electronics, telecommunications and information technology. He stressed the importance of cybersecurity, blockchain, AI and indigenous tech innovation for establishing a secure and self-reliant digital India. He greeted the honourees and recognised the joint efforts of the IETE members and organisers in strengthening the national and international prominence of the institution.

Prof Tapas Chakraborty, Vice Chancellor, Maulana Abul Kalam Azad University of Technology, West Bengal and **Guest of Honour**, highlighted Kolkata's pioneering contributions to wireless communication, particularly the legacy of Sir Jagadish Chandra Bose. Emphasising the importance of interdisciplinary collaboration, he called for engineers, scientists, and researchers to work together to address challenges in cybersecurity, healthcare, food security, and environmental sustainability, and wished the convention great success.

Chief Guest **Shri Shashi Shekhar Vempati** underlined the rich scientific heritage of Kolkata and its capacity to become a hub for technological innovation. Drawing on his experience in telecommunications, public broadcasting and digital transformation he spoke on the possibilities of indigenous Direct-to-Mobile (D2M) technology and AI-driven knowledge sharing. He appealed to IETE to come forward to associate with Indian AI platforms for preserving and disseminating its huge technological expertise to the future generations.

The dignitaries unveiled the Souvenir brought out on the occasion of 69th Annual IETE Convention followed by conferment of coveted prizes. **Shri Shashi Sekhar Vempati**, Padma Shri Awardee & Chairman, Central Board of Film Certification (CBFC) was conferred an Honorary Fellowship-2025-26. Life Time Achievement Award-2026 was presented to **Lt Gen (Dr) AKS Chandele, PVSM, AVSM (Retd)**, President Emeritus & DFIETE and **Prof GSN Raju**, Chancellor Centurion University, AP. IETE Distinguished Fellowship-2025-26 was conferred on **Col (Prof) S L Kapoor** & **Prof (Dr) J W Bakal**, President Emeritus IETE. **Prof (Dr) Gunasekhar Reddy** and **Brig VK Panday (Retd)** were felicitated as the outgoing GC Members thereafter.



Dr D C Pande was installed as President IETE (2026-27) by the Chief Guest, Shri Shashi Sekhar Vempati, Padma Shri Awardee & Chairman, Central Board of Film Certification (CBFC). Following this, Dr D C Pande shared his thoughts with the distinguished gathering.

IETE Kolkata Centre received the 1st best Centre award while **IETE Vijayawada Centre** won the 2nd spot in the Best Centre category. **IETE Nashik Centre** was chosen for IETE Best Sub-Centre Award.

The best ISFs announced were as follows: *North Zone* ***(i)*** **B K Birla Institute of Engineering & Technology (BKBIET)**, Jhunjhunu, Rajasthan ***(ii)*** **Manav Rachna University (MRU)**, Faridabad. *South*

Zone ***(i)*** **Sri Sairam Engineering College (SSEC)**, Chennai and ***(ii)*** **KKR & KSR Institute of Technology and Sciences (KKITS)**, Guntur, AP. *West Zone* ***(i)*** **JSPM's Bhivarabai Sawant Institute of Technology and Research (BSIOTR)**, Pune and ***(ii)*** **Military College of Telecommunication Engineering (MCTE)**, Mhow. *East Zone* ***(i)*** **Narula Institute of Technology (NIT)**, Kolkata and ***(ii)*** **Dinabandhu Andrews Institute of Technology & Management (DAITM)**, Kolkata.

Prof Kalobaran Maiti, Director, Indian Association for the Cultivation of Science (IACS), delivered the **58th Homi Bhabha Memorial Lecture** on the topic **"Probing Enigmatic Materials."** He highlighted the rich legacy of Indian scientific institutions, particularly IACS and the Tata Institute of Fundamental Research (TIFR), and acknowledged the visionary contributions of Dr Homi Bhabha in building India's research infrastructure and advancing scientific self-reliance. The lecture focused on the fascinating properties of advanced materials, including topological materials and superconductors, and their potential applications in quantum computing, data storage, magnetic levitation and future technologies. Prof Maiti explained how high-resolution electron spectroscopy enables scientists to investigate the electronic properties of materials and how selective excitation of electrons can help reveal their behaviour. Emphasising the need for indigenous research, innovation and the development of new materials, he called for greater collaboration, ambitious scientific goals and stronger research capabilities to help India achieve global leadership in science and technology.

The inaugural session ended with vote of thanks by Secretary General IETE, **Dr Manju Mam**.

The convention had 6 technical sessions spread over 2 days.

Technical Session–1 was chaired by **Lt Gen (Dr) AKS Chandele, PVSM, AVSM (Retd), President Emeritus and DFIETE.** During the session, **Prof Ram Mohan Narayanan of Pennsylvania State University, USA,** and IRSI Main Awardee–2025, delivered an invited talk on Non-linear and Harmonic Radar Technology. In simple terms, the speaker explained how this advanced radar technology can detect hidden electronic devices, such as mobile phones and electronic components used in landmines, even when conventional radar may fail to identify them. Unlike traditional radar, which detects signals reflected from various objects such as trees, walls and rocks, harmonic radar identifies electronic components by detecting the additional frequencies they generate when exposed to radar signals. The lecture highlighted the technology's potential applications in military and security operations, detecting concealed electronic threats, tracking moving targets and locating earthquake victims carrying mobile phones. The speaker also explained how this technology can reduce unwanted signals from surrounding objects, helping improve target identification. However, the technology currently faces challenges because the returning signals are very weak, limiting its effective detection range. The session concluded that non-linear and harmonic radar offer promising possibilities for security, defence and disaster rescue operations, although further research is required to improve their range and sensitivity.



The invited Talks in the session were by the following speakers: **Prof Chinmoy Saha** of the Indian Institute of Space Science and Technology (IIST) in Thiruvananthapuram and recipient of the IETE SVC Aiya Memorial Award-2026, delivered a talk titled **"2006–2026: Two Decades of Innovation in Metamaterials, Metasurfaces and Wireless power transfer shaping the future of electromagnetic technologies."** In his talk, Saha reviewed the past 20 years of research and development in these areas, focusing on the increasing number of uses for them in fields such as space, defence, and communication systems. The potential of metamaterials and metasurfaces to facilitate frequency reconfiguration, increase spectrum utilisation, permit smaller planar antennas, and improve antenna performance was discussed in the lecture. The advancement of multi-frequency antennas, as the speaker emphasized, has several potential uses, such as in cognitive radio, holographic metasurface antennas, and CubeSat systems, among others. The primary emphasis was on wireless power transfer for a variety of uses, including but not limited to: energy harvesting, drone battery charging, biomedical and agricultural applications, and distributed IoT sensors. Harmonics in receiver localisation and beam steering using time-modulated antenna arrays were further topics he covered. One study that demonstrated the possible humanitarian uses of drones was the delivery of life-saving medical supplies to underserved areas in the Himalayas. In conclusion, Prof Saha stressed that new opportunities for small, efficient, multifunctional electromagnetic systems are emerging due to developments in wireless power transmission, metasurfaces, and metamaterials. Future space missions, military technology, energy harvesting, next-generation wireless communications, and humanitarian applications can all benefit greatly from these advancements.

Prof A Arockia Bazil Raj, DIAT Pune, and recipient of the IETE –Prof K Sreenivasan Memorial Award-2026, delivered a talk on **"Free-Space Optical (FSO) Communication Technology."** He emphasized the increasing significance of Free-Space Optical (FSO) communication as a secure, low-latency, and high-speed communication technology for both military and civilian applications. FSO- a prospective alternative to conventional microwave communication links, as it provides abundant bandwidth, immunity to electromagnetic interference, and licence-free spectrum by utilizing laser beams to transmit data through free space. The indigenous FSO systems developed at DIAT in collaboration with defence agencies, including a 20-km link operating at 10.25 Gbps, were presented by the speaker. The research encompasses ground-to-ground, ground-to-drone, drone-to-drone and future ground-to-satellite communication links. He added that there has been substantial progress in the development of compact, lightweight systems, which have been reduced in weight from 25 kg to just 3 kg for aerial applications, which had been achieved through the integration of real-time control on FPGA platforms. The talk emphasized the importance of precise optical alignment, wave front aberrations, and beam wander, which can have a significant impact on signal quality and increase the bit error rate. He said that his team is currently in the process of developing deformable-mirror-based solutions to address atmospheric distortions and has developed indigenous beam-tracking and correction mechanisms. The speaker also recognized the necessity for indigenous optical isolators that are capable of separating closely spaced wavelengths as a potential area for further research. Furthermore, Prof Raj extended an invitation to researchers to engage in a collaborative effort to process radar signals and classify unmanned aerial vehicles (UAVs) using AI-based methods. The lecture illustrated India's advancements in the development of indigenous, high-capacity, and lightweight FSO communication systems for aerial and defence platforms. The extension of this technology to satellite communication and drone networks will necessitate ongoing research in

advanced signal processing, optical components, atmospheric correction, and beam stabilization.

Dr Krishan Berwal, Associate Dean, MCTE, Mhow, spoke on **"Cybersecurity, AI and Blockchain for Network Security".** The lecture focused on the growing challenges of cybersecurity in an increasingly connected digital world, where cloud computing, UPI transactions, IoT devices, edge computing and critical infrastructure are exposed to evolving cyber threats. The speaker highlighted the rising economic impact of cybercrime, data breaches, ransomware-as-a-service, identity theft, supply-chain compromises and distributed denial-of-service (DDoS) attacks. Human error, compromised credentials and vulnerabilities across interconnected networks were identified as major security concerns. The discussion also emphasized the dual role of artificial intelligence (AI): while attackers use it for automated phishing, deepfakes, voice cloning and adaptive malware, defenders can deploy AI for real-time threat detection, behavioural analysis and suspicious transaction monitoring. The lecture explored blockchain as a potential tool for strengthening network security through decentralized trust, secure digital identities, tamper-evident audit logs and secure threat-intelligence sharing. The lecture underscored the need for a proactive, integrated cybersecurity strategy combining Zero Trust principles, AI-powered defence, blockchain-based data integrity, secure digital identities and post-quantum resilience. Strengthening indigenous capabilities and collaboration between academia, industry and government will be essential to protecting India's expanding digital infrastructure.

Technical Session – II was chaired by **Dr M H Kori**, Vice President and Chairman BoRIS.

The first talk in this session was by **Dr Taimoor Khan,** NIT Silchar, and **the recipient of IETE –Smt Manorama Rathore Memorial Award-2026,** on the topic **"Wireless Power Transfer and RF Energy Harvesting."** He delivered an introductory talk on Wireless Power Transfer (WPT), Simultaneous Wireless Information and Power Transfer (SWIPT), and RF Energy Harvesting, highlighting their potential to reduce dependence on wired power infrastructure and battery-operated devices. He discussed the challenges associated with conventional transmission lines, including installation and maintenance costs, construction waste and e-waste. The talk traced the evolution of wireless power transmission from Nikola Tesla's early experiments to William C. Brown's pioneering work on rectifying antennas. The speaker explained the role of rectennas, which combine an antenna and a rectifier to convert received RF energy into usable DC power. He outlined the key components of a rectenna system, including the impedance-matching network, energy-storage element and power-management unit. Research opportunities include antenna miniaturization, high gain, broadband and multiband operation, improved impedance matching, and the development of efficient rectifier topologies. He highlighted the potential of ambient RF energy harvesting, which can utilise continuously available RF sources to power low-energy IoT devices and sensors. Other applications as mentioned include wireless charging, biomedical implants and electronic devices requiring power transfer without direct electrical connections. He also discussed RF- and DC-level power-combining techniques for harvesting energy from multiple sources, along with emerging opportunities in AI-based modelling and optimization of WPT, SWIPT and energy-harvesting systems. The next speaker, **Dr Farukh AS Kazi**, VJTI, Mumbai, **the recipient of IETE-Hari Ramji Toshniwal Award- 2026,** spoke on **"Network Security in Operational Technology (OT) and IoT."** Dr Kazi highlighted the growing importance of cybersecurity in Operational Technology (OT), Industrial Control Systems (ICS) and the Internet of Things (IoT), particularly in critical infrastructure such as power grids,



oil and gas refineries and petrochemical plants. Citing cyberattacks such as **Stuxnet** and the **Ukrainian power grid attack,** he explained how malicious **actors** can disrupt industrial operations and damage physical assets. He emphasized that the increasing involvement of **nation-state actors** and advanced persistent threats makes OT cybersecurity a critical concern. The speaker outlined the unique challenges of securing legacy OT systems, many of which were designed for isolated, air-gapped environments. Weak authentication, flat network architectures, unencrypted proprietary protocols, limited computing resources and difficulties in applying security patches make these systems vulnerable. Unlike conventional IT environments, vulnerability assessments and penetration testing must be conducted cautiously, as even routine scanning may disrupt industrial operations. Digital transformation and the adoption of Industry 4.0 and IoT have further reduced network isolation. Dr Kazi discussed emerging defensive measures, including data diodes, OT Security Operations Centres (OT SOCs), intrusion detection systems and specialised network monitoring solutions capable of understanding industrial protocols. In conclusion, the talk underscored the need for specialized cybersecurity strategies for OT and IoT environments, combining appropriate technologies, processes and security standards. The speaker stressed that although some legacy systems retain a degree of isolation, they remain vulnerable to attacks through removable media and other pathways. The session highlighted OT cybersecurity as an important emerging area for research and the protection of critical infrastructure.

Next talk was by **Dr Sriparna**, IIT Patna, **the recipient of IETE Poojya Dr Sharnbaswappa Appaji Award for Women in Technology & Innovation- 2026,** on the topic **"Trustworthiness of Generative AI Models in Healthcare."** Dr Sriparna discussed the trustworthiness of Large Language Models (LLMs) and Vision-Language Models (VLMs), which are increasingly being used across healthcare, finance, legal services and public administration. She highlighted key concerns, including hallucinations, misinformation, privacy breaches, unsafe responses, bias and limited accountability. In healthcare, these challenges are particularly significant because AI models handle patient queries, clinical summaries and sensitive medical information, where inaccurate or misleading responses can have serious consequences. The speaker identified five key pillars of AI trustworthiness: truthfulness, safety, fairness, privacy and robustness. She explained that assessing these models is challenging because they often generate fluent, confident responses despite errors, while their internal decision-making remains difficult to interpret. She also highlighted their limited understanding of Indian languages, cultural contexts and low-resource linguistic communities, owing partly to the dominance of Western and English-language training data. She also highlighted the development of resources such as Sanskriti, a dataset covering cultural aspects across Indian states and Union Territories, and Drishtikon, its multimodal counterpart, alongside datasets examining regional sports and cultural knowledge. She emphasized the need to move beyond multiple-choice question-answering benchmarks towards evaluations that assess explanations and reasoning traces, particularly

in Indian languages. She underscored the importance of developing inclusive, multilingual and multimodal AI systems through improved benchmarks, datasets, models and tools to ensure that generative AI is reliable, fair, safe and culturally relevant.

Proceedings of the next day, 26 Sep 2026, commenced with the delivery of **49th Ram Lal Wadhwa Award Lecture** by **Dr Binoy Kumar Das**, Director General, Electronics and Communication Systems (ECS), DRDO, Bengaluru. He gave a presentation on **"Indigenous Defence Electronics and Future Warfare"** highlighting innovations leading to the development of state-of-the-art radars, electro-optic search and track systems, software defined radios and electronic warfare systems that transformed Indian defence technologies. **Prof Binoy Kumar Das dedicated the Ram Lal Wadhwa Award to the entire DRDO fraternity, industry, academia and the nation, acknowledging the collective efforts behind India's achievements in indigenous defence technologies.** His lecture was organised into two parts: significant contributions in electronics supporting missile programmes and the emerging technologies shaping future warfare. He emphasised that Atmanirbhar Bharat in defence requires indigenous design, development, production and deployment, with the reliability of every manufactured system being critical to national security.

In the first part, Prof Das highlighted several technological milestones achieved through DRDO's collaborative work with Indian industries and academic institutions. He described the development of indigenous radars, electro-optical tracking systems, telemetry and telecommand systems following restrictions on foreign technology support during India's missile programme. He explained how his team addressed the plasma blackout experienced during Agni missile re-entry through higher-frequency telemetry, onboard data recording and infrared tracking. Other notable contributions included digital beamforming for advanced missile applications, drone-assisted telemetry for tracking low-altitude BrahMos missile trajectories, indigenous radar and electronic warfare systems, the Uttam AESA radar, counter-drone systems using soft-kill and hard-kill techniques, and India's anti-satellite capability demonstrated through Mission Shakti. The speaker stressed that future warfare will evolve from platform-centric and network-centric operations towards information- and intelligence-centric warfare, eventually incorporating greater autonomy. He identified six key dimensions of future battlefields: robotic warfare, cyber warfare, space warfare, information warfare, artificial intelligence warfare and spectrum warfare. He emphasized the importance of connected sensors, secure communication networks, data fusion, AI-assisted decision-making and human–machine teaming. Drawing lessons from recent operational experiences, he highlighted the need for adaptive systems that can function in contested electromagnetic environments, counter drone threats, withstand GPS denial and protect critical space assets.

In the secand part, Prof Das outlined emerging technology priorities, including photonics, quantum technologies, autonomous systems, advanced electronic warfare, over-the-horizon radar, infrared search and track systems, hyperspectral imaging, directed-energy weapons and space-based defence systems. He identified design, technology, supply-chain and knowledge sovereignty as essential to self-reliance, while stressing the need for indigenous semiconductor capabilities, standardization, scalable production and stronger collaboration among DRDO, industry and academia. His lecture underscored that technological excellence alone cannot ensure victory; connected intelligence, reliable mass production, secure networks and continuous learning are equally vital. Prof Das called for a coordinated national effort to strengthen indigenous defence electronics and prepare India for increasingly digital, autonomous, multidomain and data-intensive warfare, supporting the country's aspiration to emerge as a global technology leader.

Shri Narendra Nath chaired **Technical session III** and the *Invited Talks* in the session were delivered by **Dr Shivani Malhotra**, Chitkara University, Punjab and **Dr Simranjit Singh**, PEC, Chandigarh.

Prof Shivani Malhotra, Chitkara University, talked on the topic of **"Future of Technologies for Sustainable Societal Development."** It was an insightful talk on the role of emerging technologies, particularly Artificial Intelligence (AI), in promoting sustainable societal



development. She structured her discussion around three key dimensions: efficiency, inclusivity and environmental responsibility. Emphasizing that technological progress must extend beyond performance and innovation, she encouraged engineers and researchers to consider whether their solutions use fewer resources, benefit all sections of society and minimize environmental impact throughout their life cycle. The speaker highlighted the dual role of AI as both a potential source of environmental challenges and a tool for addressing them. She discussed its applications in renewable-energy forecasting, intelligent optimisation of mobile communication networks and machine-learning-assisted antenna design. While AI can improve operational efficiency and reduce energy consumption per task, increasing computational demand may offset these gains. She stressed the need to assess overall resource consumption rather than focusing solely on efficiency at the individual-operation level. Addressing digital inclusivity, Prof Malhotra highlighted the persistent digital divide arising from disparities in connectivity, affordability, device availability and digital literacy. She discussed technologies such as direct-to-device satellite connectivity, reconfigurable intelligent surfaces and low-cost antenna designs to improve access. She also referred to initiatives such as Bhashini and Voicera that support multilingual AI applications and public services, emphasising that technology must be accessible, affordable and relevant to local needs. On environmental responsibility, she drew attention to rising electronic waste, limited formal recycling and the material footprint of electronic devices. She stressed that sustainability must be considered from the design stage itself, including material selection, hardware longevity, battery disposal and end-of-life management. She also highlighted research directions involving biodegradable materials, non-toxic printed inks, RF energy harvesting and self-sustaining IoT devices. Finally, Prof Malhotra urged students, faculty and researchers to move beyond asking whether a technology can be developed and consider why it is needed, who will benefit from it and what environmental impact it will leave behind. The session chair further highlighted the importance of circular-economy practices, e-waste management, recovery of critical minerals and improved accessibility to AI systems.

Dr Simranjit Singh from Punjab Engineering College (PEC), Chandigarh and **the recepient of IETE-CEOT Award-2026,** spoke on the topic **"Sustainable Innovation and Green Technologies"** emphasizing the responsibility of engineers and researchers to develop solutions that are environmentally responsible, energy-efficient and beneficial to society. He urged young researchers to consider the environmental impact of their projects, including resource consumption, reusability and end-of-life disposal of electronic components. He stressed that sustainability must be integrated into the design and development stages rather than addressed after a product is completed.The speaker highlighted the potential of energy-efficient 5G communication and presented several practical applications developed at PEC's 5G Use Case Lab. These included a 5G-enabled healthcare monitoring system using wearable sensors, an IoT-based smart greenhouse monitoring and control system, and a remotely controlled medical dispenser designed to transmit patients' vital parameters to doctors and dispense prescribed medicines, particularly in ambulances where trained medical personnel may not always be available.

Dr Singh also presented research initiatives in RF energy harvesting, integrated respiratory health monitoring and power over optical fibre. His team, developing an RF energy-harvesting circuit to power low-energy IoT sensors, reducing dependence on wired power sources. Another project combines spirometry, pulse oximetry and capnography in a single portable respiratory monitoring unit. He also discussed transmitting power alongside data through optical fibre for applications such as mines, where electrical sparking and electromagnetic interference pose significant concerns. Addressing young researchers, Dr Singh encouraged them to move beyond superficial applications of AI and machine learning towards meaningful contributions in algorithm development and core technologies. He advocated innovation that addresses real societal needs, supports entrepreneurship and translates research ideas into practical products and startups. He also emphasized the importance of AI ethics and responsible use of technology. Finally, the speaker called for a collective commitment to sustainable technological development, encouraging the next generation of engineers to prioritise environmental



responsibility and resource efficiency. He concluded with the message that leaving a healthy Earth for future generations is more valuable than leaving them material wealth, and urged students to contribute through innovation, entrepreneurship and professional volunteering.

Thereafter, Technical sessions IV, V & VI were held parallelly in online-mode.

Dr Debashis De, GC Member chaired **Technical session IV**, where **Mrs Renu Dwivedi**, GC Member, **Dr Subhankar Bhattacharjee**, EC Member, **Dr Priti Deb**, EC Member & **Ms Sharmila Ghosh**, Immediate Past Chairperson, supervised presentation of the accepted papers.

Dr Jyoti Sekhar Banerjee, Program Chair, ICNSBT 2026 chaired **Technical session V**, where **Dr Arpan Deyasi**, Assoc Professor, ECE, RCCIIT, **Dr Debarati Dey Roy**, EC Member, **Shri Snehasish Banerjee**, TCS, Kolkata & **Dr Surender Singh Saini**, Chairman Chandigarh Centre supervised presentation of the accepted papers.

Dr Vijender Babu, Chairman Chennai Centre, chaired **Technical session VI**, and **Shri Sandeep Sengupta**, ISOAH, Kolkata wherein **Dr Amartya Mukherjee**, Hony secretary, Kolkata Centre, **Dr Tapasi Bhattacharjee**, EC Member, **Dr Raktim Chakraborty**, Surendranath College, Kolkata & **Dr Rajeev Chatterjee**, EC Member supervised presentation of the accepted papers.

The convention concluded with a valedictory session convened by **Dr Debashis De**, GC Member (Elect.). The dignitaries present included IETE President **Shri Sunil;** President-elect **Dr D C Pande**; Vice President IETE **Dr M H Kori**; Principal-in-Charge, RCCIIT **-Dr Ashoke Mandal** and Zonal Mentor (East), **Dr J K Mandal**, along with other distinguished members.

During the session, **Dr Ashoke Mandal** was felicitated, and the IETE President announced the on-the-spot grant of IETE Fellowship to nine members, all from RCCIIT. The **AIC-2026** received valuable technical support from **DRDO, IEEE, MeitY** and **AICTE**, while **RCCIIT** provided the venue and logistical support for conducting the event. **Springer** assured to publish the accepted and presented papers in its *Lecture Notes in Networks and Systems* series.

The programme concluded with a vote of thanks, marking the successful conclusion of the convention's technical programme.

Workshop on Aerial Robotics and UAV Systems

The **IETE Kolkata Centre** organized a technical workshop on **"Aerial Robotics and UAV Systems"** under the **IETE Tutorial Series** on 24 September 2026, at IEM, Salt Lake, Kolkata. The workshop focused on the fundamentals, practical applications, and emerging developments in drone and unmanned aerial vehicle (UAV) technologies.

The technical programme were conducted by **Prof (Dr) Debashis De**, Professor, Department of Computer Science and Engineering, Maulana Abul Kalam Azad University of Technology, Kolkata, West Bengal; **Prof (Dr) Amartya Mukherjee**, Assoc Professor and HOD of CSE (AI/ML), CSBS, IEM Salt Lake; **Prof Banashree Mandal**, Assistant Professor, Department of CSE (AI/ML), CSBS, IEM Salt Lake; and **Shri Soumanka Sarkar**, Senior System Analyst. The speakers brought complementary perspectives from academia and industry, covering both the theoretical foundations and practical aspects of aerial robotics and UAV systems.



The workshop explored the fundamental architecture of Unmanned Aerial Vehicles (UAVs) and their evolution from remotely operated platforms to intelligent autonomous systems. It highlighted the key components—including flight controls, sensors, navigation, communication, processors, and power systems—and their role in ensuring stable flight, accurate positioning, autonomous decision-making, and reliable operation.



UAV/drone operating in an outdoor environment during flight

The workshop emphasized the role of flight control, navigation, and autonomous operation in ensuring safe and efficient UAV performance. The discussions explained how flight-control systems maintain stability and regulate movement, while navigation technologies enable accurate positioning and route guidance. These capabilities allow UAVs to follow planned paths, respond to changing conditions, avoid obstacles, and execute missions with minimal human intervention.

The workshop highlighted the practical applications of UAV technology in agriculture, surveillance, search and rescue, disaster management, infrastructure inspection, environmental monitoring, smart cities, and defence. Their ability to access remote or difficult-to-reach areas makes UAVs valuable for aerial monitoring, mapping, data collection, and emergency response. The integration of cameras, sensors, communication systems, and onboard intelligence further enhances their capabilities across diverse applications

The workshop also explored multi-UAV and swarm-based aerial robotics, in which multiple drones work collaboratively to accomplish shared missions. Such systems can improve coverage and efficiency through coordinated flight, communication, and task allocation. The discussion also highlighted key challenges, including collision avoidance, communication reliability, energy management, and coordination, linking swarm robotics with artificial intelligence and multi-agent systems.

The dignitaries attended this session were: **Dr DC Pande**, Outstanding Scientist & former Director (Technical), LRDE Bengaluru, President IETE (2026-27); **Brig V K Pandey**, Hony Treasurer, IETE; **Prof (Dr) Tapas Chakraborty**, Vice Chancellor, Maulana Abul Kalam Azad University of Technology, West Bengal and Guest of Honour; **Dr J K Mandal**, Zonal Mentor (East); **Dr Indrajit De**, Prof Dept CSE (AI/ML), CSBS; **Prof H S Bhatia**, Governing Council IETE and members from the IETE Secretariat, New Delhi.



2nd International Conference on Smart Mobility Systems (ICSMS) 2026

The **Second International Conference on Smart Mobility Systems (ICSMS-2026)** was organized by the **IETE Hyderabad Centre** at the **Tagore Auditorium, Osmania University, Hyderabad**, on **30 June –1 July 2026**. It was a joint initiative of IETE, Osmania University and ITS India Forum. The conference served as a multidisciplinary platform for policymakers, academicians, researchers, industry experts and technology professionals to deliberate on emerging trends, challenges and opportunities in intelligent and sustainable mobility systems for a developed India. The conference theme centered on leveraging advanced technologies to realize the vision of ***Viksit Bharat 2047*** through safer, smarter and more connected transportation ecosystems.

The two-day programme comprised an inaugural session and expert talks, four technical sessions with distinguished chairs, co-chairs and speakers, then research paper presentations across six parallel tracks and concluded with a valedictory session with an award ceremony.



The conference commenced with an impressive inaugural session graced by a distinguished gathering of dignitaries, including **Prof Kumar Molugaram**, Vice Chancellor, Osmania University, who joined online; **Shri Sunil**, President, IETE; **Dr Shiv Kumar**, Chairman, TPOC, IETE; **Prof J K Mandal**, General Chair; **Dr Akhilesh Srivastava**, President, ITS India Forum; **Dr P Chandrasekhar**, Principal, UCE, Osmania University; and **Shri AK Sangamker**, Chairman, IETE Hyderabad Centre. Dr Shiv Kumar welcomed the delegates, invitees and student members, introduced ICSMS-2026, and highlighted IETE's national and global contributions to smart mobility. He said that the 2026 edition would span two days, covering Artificial Intelligence, Quantum Computing and V2V communication.

Addressing the gathering virtually from Germany, **Prof Kumar Molugaram** encouraged students and scholars to participate attentively, thanked Springer Nature for agreeing to publish the papers, and appreciated IETE's partnership with Osmania University. He hoped the research would translate into meaningful policy and practical solutions for the country.

Dr Akhilesh Srivastava said that the conference's goal was to talk about mobility challenges related to self-driving cars and railroads. He imagined a future of smart infrastructure where smart roads with cameras and talking signs interact directly with vehicles, and V2V connectivity and built-in sensors would make roads safer.

Prof J K Mandal, General Chair, presented the 2025 Springer proceedings to the IETE President. As a special case, Springer Nature agreed to describe the volume as IETE's international conference on the cover, a source of pride for the IETE fraternity. 20 papers were selected from 280 received, even though up to 50 were allowed, and authors were advised to avoid generative-AI tools for content.

Dr P Chandrasekhar acknowledged the collaborative contributions of IETE Hyderabad and IETE Headquarters and briefed the audience on the arrangements for keynote lectures and technical presentations.

Shri Sunil, the President of IETE, addressed the industrial and societal significance of smart mobility. He promoted India-specific, scalable solutions that were designed for Indian roads and existing infrastructure. He also said that Direct-to-Mobile communication could provide continuous connectivity for traffic updates, emergency alerts, and navigation without the internet. He emphasized the importance of intellectual property ownership by India in order to foster economic growth.

The inaugural proceedings concluded with a vote of thanks by **Dr Ashwani Kumar**, Chairman, IETE Hyderabad Centre.

Dignitaries Releasing the Souvenir on the Occasion



The technical program comprised four thematic sessions covering key dimensions of future mobility systems. The first technical session focused on **Citizen-Centric ITS for Viksit Bharat 2047 — AI, Digital Enforcement and ITS Roadmap for Safe, Sustainable and Efficient Mobility,** chaired by Shri **Akhilesh Srivastava,** President, ITS India Forum, highlighting the role of Artificial Intelligence, predictive safety analytics, digital enforcement, integrated mobility platforms and national ITS architecture in enhancing road safety, efficiency and citizen services. Experts deliberated on strategies for developing safe, sustainable and inclusive transportation systems supported by advanced digital technologies. The session examined AI-enabled traffic management, predictive safety analytics, ANPR and AI-based enforcement, integrated citizen mobility services, and a national ITS architecture, working towards a "Hyderabad ITS Roadmap for Citizen-Centric Mobility."*Speakers included*: **Dr MH Kori**, Vice President IETE, Chairman BoRIS; **Shri Srinivas Ganji**, Arcadis IBI Group and **Shri Prashant Oberoi**, Norden Communications, Speaker.

The second technical session addressed the **Connected Mobility Ecosystem for Viksit Bharat 2047**, **— V2X, Smart Infrastructure and the Roadmap for Safe, Intelligent and Sustainable Transportation,** chaired by **Shri R S Singh,** DDG (IoT), TEC, DoT**,** SIAM, (joined online) with emphasis on Vehicle-to-Everything (V2X) technologies, connected highways, smart infrastructure, 5G-enabled mobility solutions, edge computing, cyber-security and interoperability standards. The discussions highlighted the critical role of connected mobility in improving transportation efficiency, enabling intelligent traffic management and supporting future autonomous transportation systems. *Speakers included*: **Prof P Rajalakshmi**, IIT Hyderabad & Director, TiHAN (joined online); **Shri Rojer Babu**, Danlaw Technologies India Ltd, Hyderabad and **Dr S V Srikanth**, Hyderabad.

The third session examined **Capacity Building for a Future-Ready ITS Ecosystem— Human Capital, Standards, Quality Assurance and Interoperability for Scalable ITS Deployment**, focused on human resource development, academia-industry collaboration, quality assurance frameworks, standards, interoperability and institutional readiness for large-scale deployment of intelligent transportation systems. Participants stressed the importance of skill development, governance mechanisms and Centres of Excellence in building a robust national ITS ecosystem. The session addressed skill gaps and workforce development and performance-management frameworks, open ITS architecture and interoperability, and institutional readiness for scaling ITS nationally. *Speakers were*: **Prof J K Mandal**, Kalyani University; **Shri S Velmurugan**, Former Director, CRRI, (joined online) and **Dr Manish Jaiswal**, Director, NATRAX, who also participated online.

On the second day, the technical session–fourth focused on **Digital and Intelligent Technology Applications in Rail Transit and Smart Transport Integration for Multimodal Connectivity**. The deliberations covered innovations in rail transportation, digital ticketing systems, multimodal integration and intelligent mobility solutions aimed at enhancing commuter convenience and operational effectiveness. The speakers comprised **Shri Mahendra Srivastava**, Former Principal Advisor, TRAI, (joined online); **Shri Charchit Taneja**, GTS India, Hitachi Rail and **Shri Raman Goyal**, General Manager, DMRC, (joined online).

The conference concluded with a valedictory session and an award ceremony during which outstanding technical papers were recognized. The event provided a valuable forum for knowledge exchange and collaboration among stakeholders from government, industry and academia. The recommendations emerging from the deliberations are expected to contribute significantly to the advancement of intelligent transportation systems and the development of safe, sustainable and connected mobility solutions for the nation.

ICSMS 2026 received 278 research paper submissions from different countries. Following a rigorous peer-review process, 23 papers were selected for presentation, reflecting the conference's emphasis on research quality and technical merit. The selected and presented papers are scheduled to be published in the Lecture Notes in Networks and Systems (LNNS) series by Springer Nature, at no publication cost to the authors, as stated by the organizers. The proceedings are expected to facilitate wider dissemination of research findings and serve as a useful reference for researchers, students, engineers, and industry professionals.

IETE extends its sincere gratitude to the reviewers for their expert assessment of the submissions and to the authors for their contributions. Special appreciation is also extended to the authorities of Osmania University for hosting the event and to the IETE Hyderabad Centre for its support in organizing the conference.

The Institution of Electronics and Telecommunication Engineers (IETE), New Delhi, in collaboration with Osmania University, Hyderabad, successfully organized the **2nd International Conference on Smart Mobility Systems (ICSMS 2026)**, bringing together researchers, academicians, engineers, and industry professionals to explore emerging transportation technologies and sustainable mobility solutions.



IETE strengthens its presence in Uttar Pradesh with a New Sub-Centre at Firozabad



The **Firozabad Sub-Centre** of the Institution of Electronics and Telecommunication Engineers **(IETE)** was formally inaugurated by **Shri Sunil**, President of IETE, on 25 Aug 2026 at **FS University, Firozabad, Uttar Pradesh**. The ceremony was held in the distinguished presence of **Dr Dilip Yadav**, Vice-Chancellor of FS University, and the esteemed members of the University, underscoring the strong collaborative spirit between the professional body and the academic institution. This inauguration represents a significant milestone in IETE's sustained efforts to broaden its footprint beyond metropolitan Centres and extend its professional and educational influence into Tier-II cities.

The Firozabad Sub-Centre is expected to serve as a catalyst for technical learning, innovation and professional engagement, further advancing IETE's mission of promoting excellence in engineering and technology education across the country. The initiative is expected to facilitate knowledge-sharing, skill development programs, industry-academia interactions and greater participation of students and professionals from the region in the national technology ecosystem. The significance and formal dignity of the event were further enhanced by the attendance of senior IETE office-bearers, including **Dr Manju Mam**, Secretary General; Mrs Sandeep Mangat, Assistant Secretary; and Shri Sanjay Setia, PRO IETE. Many students from the University also became IETE members.



IETE Establishes Centre of Excellence in Cyber Security at Jharkhand Rai University, Ranchi

The inauguration of the **Centre of Excellence (CoE) on Cyber Security** by **Shri Sunil**, President IETE, at the Raja Ulatu Campus of Jharkhand Rai University in Ranchi on 11 July 2026, marks a significant milestone in the IETE's ongoing commitment to advancing specialized education and research in critical emerging technologies. The CoE aims to promote training, research, innovation and industry-oriented learning in cyber security, cyber defence, digital forensics, ethical hacking and other emerging technologies. It seeks to equip students and researchers with the knowledge and practical skills required to address the growing cyber threats of the digital era.



The inauguration ceremony was attended by **Dr Ajay Kumar,** Vice-President, IETE**; Prof JK Mandal, Zonal M**entor**; Prof Vijay Kumar Singh,** Chairman, IETE Jharkhand Centre**; Dr Abhay Kumar,** Hony secretary**; Prof (Dr) Piyush Ranjan,** Vice-Chancellor, Jharkhand Rai University**; Dr Sumit Kumar Pandey,** Dean (Academics) & **Dr Amrita Majumdar,** Registrar**.** The faculty members of the Dept of Computer Science Engg & IT, were also present during the event.

In his inaugural address, **Shri Sunil** emphasized that cyber security has emerged as a national priority in the era of Digital India. He observed that universities must establish Centres of Excellence to bridge the gap between academic learning and industry requirements. Stressing the importance of hands-on learning, he encouraged students to complement theoretical knowledge with practical skills and professional certifications. He further highlighted that collaboration with professional bodies such as IETE can significantly enhance employability, innovation and research capabilities. Given the rapidly evolving nature of cyber threats, he underscored the need for continuous learning and regular up-skilling.

Dr Ajay Kumar, Vice-President IETE, reaffirmed, IETE's commitment to advancing cyber defence and cybersecurity, noting that the Centre of Excellence would create new opportunities for students and researchers and contribute to building a robust cybersecurity ecosystem in the country. **Prof JK Mandal**, Zonal Mentor (East), emphasized the importance of cyber security awareness at the grassroots level, particularly in rural communities. He highlighted IETE's commitment to conducting awareness programmes and stated that cyber awareness is as essential as technical education in today's digital era. **Prof Vijay Kumar Singh,** Chairman, IETE Jharkhand, observed that the Centre would connect students of Jharkhand with national-level opportunities, promote technical excellence and strengthen industry-academia collaboration. **Dr Abhay Kumar,** Hony Secretary, IETE Jharkhand Centre, encouraged students to actively participate in activities, technical events, research projects and professional membership programmes to enhance their skills and career prospects.

Addressing the gathering, **Prof (Dr) Piyush Ranjan**, Vice-Chancellor of Jharkhand Rai University, expressed his commitment to developing the Centre into a leading Cyber-security Hub of the eastern zone. He highlighted the importance of collaboration with industries, research institutions and professional organizations to advance cybersecurity education, research and innovation. **Asstt Prof Sanjay Kumar Mahto** was appointed as the coordinator of the IETE Centre of Excellence (Cyber Security). The initiative reflects IETE's continued commitment to promote technological advancement, developing skilled cyber security professionals and extending cyber awareness to the wider section of the society.



IETE Eastern Zonal Seminar and ISF Congress at Kolkata

The IETE Kolkata Centre, in collaboration with the IETE Students' Forum (ISF) of **MCKV Institute of Engineering (MCKVIE),** organized the IETE Eastern Zonal ISF Congress on the theme "**AI for Sustainable Society**" on 22 Aug 2026.



Prof (Dr) Partha Pratim Sarkar, Chairman, IETE Kolkata Centre; **Ms Sharmila Ghosh**, Immdt Past Chairperson; and **Dr Jyoti Sekhar Banerjee**, Immdt Past Secretary, addressed the gathering and shared their valuable perspectives. The event was graced by **Shri Abhay Kejriwal**, Patron and Trustee Member, MCKV Group; **Prof (Dr) Abhijit Lahiri**, Principal, MCKVIE**; Shri Avijit Bose**, HoD, CSE; **Dr Shampa Sengupta**, HoD, IT; and **Shri Sachin Balo**, Assoc Dean – Academics. **Dr Aniruddha Nag**, **Shri Shyama Prasad Bhaduri**, fellow members and ISF coordinators from various institutions were also present.

The keynote sessions were delivered by distinguished experts **Dr Arindam Sarkar**, HoD, CSE, Ramakrishna Mission Vidyamandira and **Dr Arpita Sen**, Head – Content Strategy, TCS Accessibility Research. They offered insightful perspectives on the ethical, inclusive and sustainable applications of artificial intelligence.

A total of 120 students registered for the program, including 24 participants from other institutions such as the Institute of Engineering & Management, Dinabandhu Andrews Institute of Technology and Management and Ramakrishna Mission Vidyamandira. The day-long congress featured engaging presentations on ISF institutional activities. **The Institute of Engineering & Management, Kolkata**, received the Best Activity Presentation Award, while **MCKV Institute of Engineering, Liluah**, secured the second position and **Dinabandhu Andrews Institute of Technology and Management** stood third. The program was followed by an interactive technical quiz competition for the participating students. **Dr Soma Bandyopadhyay**, ISF coordinator, proposed the vote of thanks, bringing the event to a fitting conclusion.

IETE Western Zonal Seminar and ISF Congress at Bhopal

The **IETE Bhopal Centre**, in association with **IES University, Bhopal**, IE(I) organized the IETE Zonal Seminar and ISF Congress on 22 -23 Aug 2026 in hybrid mode on the theme **AI-Driven Sustainable Development in Electronics Engineering. Er RP Khetan**, Chairman IETE Bhopal Centre welcomed the participants, which were around 100 in number. **Dr Shilpam Saxena**, General Chair of the Seminar, presented an overview of the seminar and explained its theme, objectives, scope and program schedule. The chief guest, **Shri KB Arya**, Professor, ABV-IIITM, Gwalior discussed the rapidly increasing applications of Artificial Intelligence in various domains and advocated the ethical and responsible use of AI. **Dr D C Tiwari (LF-127867)** & **Er Diwakar Pandey (LF- 133403)** were felicitated for their valuable contribution and long association with the IETE. **Dr Karuna Markam** was honoured in recognition of her exemplary contribution to the successful conduct of the IETE election.



Two invited technical talks were organized by eminent experts on contemporary and emerging areas of technology: ***(i)*** **Er Vivek Khandelwal** spoke on **Various Applications of Artificial Intelligence** that covered the growing applications of AI in different domains and highlighted its potential for innovation, automation and problem-solving. ***(ii)*** **Dr Prateek** deliberated on **BLSI and it's Future in India (**Basic Life Support Instruction). 48 papers were presented during the technical sessions which were chaired by the following distinguished experts: **Dr Rahul Dubey, Dr Himanshu Singh, Dr Varun Sharma, Dr Karuna Markam, Dr Vandana Vikas Thakre, Dr Laxmi Srivastava, Dr Rajkumar Jatav, Dr Trilok Pratap Singh, Dr Deepak Bathak, Dr Jaydeep Parmar, Dr Rajesh Nema, Dr Shilpam Saxena & Dr Vimalesh Singh.** The event concluded with a valedictory session, where certificates of participation were distributed. **Dr P K Singhal**, Immdt Past Chairman, IETE Bhopal Centre, proposed vote of thanks.





Congratulations to the Elected IETE Governing Council Members for 2026-2029 Term



Prof Debashis De (F-502108) an MTech and PhD in Engineering from the University of Calcutta and Jadavpur University, respectively. He is a distinguished researcher, academic leader, and technology innovator, and is a Senior Member of IEEE, Fellow of IE(I), Fellow of CSI, and Chartered Engineer. Currently, Professor and Head of the Department of Computer Science & Engineering and IT at MAKAUT (Maulana Abul Kalam Azad University of Technology) in West Bengal. Mobile cloud computing, the Internet of Things (IoT), edge intelligence, quantum computing, federated learning, blockchain, 5G/6G green mobile networks, and nano-devices comprise his research interests. Prof De has held the positions of Chairman of the CSI and IETE Kolkata Centers and has editorial positions in a number of prestigious international journals. In addition to holding six patents and two copyrights, he has authored more than 430 journal articles, more than 200 conference papers, and 20 books. He has mentored 25 PhD scholars and successfully completed research projects valued over ₹20 crore. He is among the top 2% of scientists worldwide, with an h-index of 52 and more than 13,500 citations. The BOYSCAST Fellowship, the URSI Young Scientist Award, the JC Bose Research Award of IETE, the Shiksha Ratna Award of the Government of West Bengal,, the IE(I) Lifetime Achievement Award (2025), the CSI KC Das Icon Award, and international recognition as an Innovation Expert from Budapest, Hungary are just a few of his many accolades.



Prof (Dr) RR Deshmukh, (DF-203171), is the Principal of ICEEM College of Engineering and an Adjunct Professor at Southern Federal University in Rostov, Russia, and Dr Babasaheb Ambedkar Marathwada University in Chhatrapati Sambhajinagar. He is a well-known academic leader with an extensive range of experience in institutional administration, research, and teaching. Dr Deshmukh has provided exceptional service to IETE by serving as Vice-Chairman and Chairman of the Centre from 2010 to 2018. During this time, he played a significant role in the development of the Centre and the growth of the membership. Additionally, he was a member of the IETE Governing Council from 2021 to 2024 and served as a West Zone Mentor, Chairman of the Board of Awards, Co-Chair (Publications), and member of numerous committees. He is a life member of numerous professional organisations, has authored more than 350 research papers, edited 17 books, and is the holder of 22 patents and copyrights. He has represented Indian academia at international conferences and professional forums in the United States, Spain, the Philippines, Singapore, Malaysia, UAE and China.



Ms Renu Dwivedi (F-138143) is Divisional Head at ITI Limited, Bengaluru, a Government of India enterprise under the Ministry of Communications. She has a BSc degree from the University of Allahabad and a degree in Electronics and Telecommunication Engineering. She has played a significant role in the design, development, and production of advanced electronic systems for defence and communication applications, with more than 30 years of experience in the telecommunications sector. She was instrumental in the expansion of the ITI Bengaluru complex's indigenous manufacturing capabilities by establishing state-of-the-art PCB fabrication and finishing facilities. Ms Dwivedi is the recipient of the prestigious Shram Devi Award conferred by the Prime Minister of India and has received more than 40 organizational awards in recognition of her technological contributions and professional excellence. She has been an active member of the Executive Committee of the IETE Mankapur and Bengaluru Centres and has organized conferences on Next Generation Broadband in collaboration with the Computer Society of India. She is a member of IEEE and IMAPS India.



At present, **Prof (Dr) Shubhangi DC, (LF-501814)** is the Regional Director of the Visvesvaraya Technological University Regional Office in Kalaburagi, Karnataka. She has more than 25 years of experience in educational administration, academia and research. She is a prolific researcher who has published over 250 papers in reputed national and international journals and conference proceedings. The 27 national and international patents she possesses, both published and granted, are indicative of her substantial contributions to the advancement of technology and innovation. Prof Shubhangi has been the recipient of 12 prestigious awards, including the Prof Satish Dhawan State Award from the Karnataka State Council for Science and Technology (KSCST), Government of Karnataka, and two national-level IETE awards. She has actively supported the expansion of IETE by serving as a nominated Member of the Governing Council and by leading website modernisation initiatives. She led the IETE Kalaburagi Centre to receive the IETE Best Sub-Centre Award and expanded membership beyond 500 as the first woman Chairman.



Prof Neelam Srivastava (F-080648) is a distinguished academician and researcher who has extensive experience in the fields of technical education, academic leadership, and institutional development. She is Ex-Dean of Training and Placement at Dr APJ Abdul Kalam Technical University in Lucknow, and currently she is serving as Professor ECE Dept, IET, Lucknow. She has served in numerous significant leadership roles, such as the Founder Director of Rajkiya Engineering College, Kannauj, and the State Coordinator for the Technical Education Quality Improvement Program (TEQIP-II) in Uttar Pradesh, which is supported by the World Bank. The quality of academic work, industry engagement, and institutional growth have all been significantly enhanced by her contributions. Prof Srivastava has been a dynamic member of the IETE Lucknow Centre, having previously served as Honorary Secretary and is currently the Vice Chairperson. She has made significant contributions to the advancement of technical activities, member engagement, and professional development. Her strengths include strategic planning, team building, industry–academia collaboration and mentorship. She is also an unwavering advocate of women's empowerment and actively supports initiatives that are designed to improve the leadership and participation of women in the fields of engineering and technology. She works in the field of RF and Microwave Engineering, Optical Communication, Cognitive Radio Network, Wireless Communication, and Microstrip antennas.



Shri RS Chauhan, (F-068960), AMIETE and ALCCS (Alumni IETE), has been a member of IETE for over three decades and has been associated with MTNL Delhi for over 27 years. He has provided the Institution with his best service by assuming a variety of leadership positions at the IETE Delhi Centre and IETE Headquarters. He held the positions of Honorary Secretary of the IETE Delhi Centre from 2006 to 2010 and 2012 to 2016, Chairman from 2016 to 2020, and Member of the Governing Council of IETE from 2021 to 2024. The Delhi Centre achieved significant growth in professional and technical activities and was awarded the IETE Best Centre Award on three separate occasions during his tenure. Shri Chauhan is dedicated to enhancing IETE's outreach by offering skill development and certification programs in emerging technologies, including VLSI, AI, ML, cyber security, quantum computing, and 5G. Additionally, he promotes the development of stronger collaborations between academia, industry, and professional organizations, as well as increased engagement among alumni.



Prof (Dr) Virendra V Shete, (F-223428) is Dean – National Education Policy, Ranking and Accreditation at MIT Art, Design and Technology University, Pune. With over 32 years of experience in higher education, he has held several key academic leadership positions, including Member of the Board of Management, Member of the Academic Council, Director, Vice Principal, HoD, Dean (Examinations) and Dean (PG Programs). He holds a PhD in Electronics and Telecommunication Engineering, along with degrees in Engineering, Management and Technology. His research interests include biomedical signal processing, signal processing, soft computing and communication engineering. Prof Shete has published over 100 research papers, authored three books and two book chapters, and holds two patents and four copyrights. He has guided eight PhD scholars and 54 MTech dissertations. He has been instrumental in establishing more than 100 industry–academia collaborations and led consultancy initiatives in electric vehicle technologies. A Senior Member of IEEE, Fellow of IETE and Fellow of IE(I), he served as Chairman of the IETE Pune Centre during 2022–2024 and continues to contribute significantly to academic excellence and institutional development.

IETE welcomes its newly Nominated Governing Council Members for 2026-2027



Shri M Sheik Althaf (F-192148), Outstanding Scientist and Director, Electronics & Radar Development Establishment (LRDE), DRDO, Bengaluru, assumed charge as Director on 1 July 2025. He holds a BE in Electronics and Communication Engineering from Government College of Engineering, Tirunelveli and an MTech in Electronics Design & Technology from the Indian Institute of Science, Bengaluru. He joined LRDE as Scientist 'B' in 1991 and rose to the position of Outstanding Scientist. With over three decades of experience in radar technology, he has made significant contributions to the design and development of medium- to long-range radar systems, including radars for the Akash Surface-to-Air Missile System and Program AD. He has conceptualized and developed critical hardware and software for advanced radar systems, including active-array radars for ship platforms and geographically distributed integrated weapon-system networks.

His expertise encompasses the complete radar life cycle, from conceptualization, design and development to production, integration, testing, evaluation, induction and operational support. His initiatives have also contributed to transforming the Indian radar industry from component and subsystem development to the realization of complete radar systems as turnkey projects. He is a recipient of several prestigious honors, including the DRDO Scientist of the Year Award, DRDO Award for Path-Breaking Research/Outstanding Technology Development and the IETE-IRSI Main Award.



Prof (Dr) Ajay Kumar (LF-037192) is a senior academician and telecommunications professional with over 45 years of experience across the Indian Army's EME Corps, the Department of Telecommunications (DoT)/BSNL, and higher education. He is currently serving as Professor and HoD of Computer Science & Engineering at RTC Institute of Technology (RTCIT), Ranchi. He holds a PhD in Computer Science & Engineering and served as Vice President of IETE during 2025–26. Over the course of his career, he has held various academic, technical, and training positions in the Indian Army, MCEME, Secunderabad, DoT/BSNL, and leading universities in Jharkhand. His experience includes approximately 19 years in teaching and 14 years in corporate training. His research and professional interests encompass the Internet of Things (IoT), smart cities, IPv6, 5G, and network technologies. He has contributed to several research publications and organised six international conferences, besides serving as a reviewer and convenor for various conferences. His professional credentials include certification as a Gold Certified Network Engineer for IPv6 and a 5G professional under the Department of Telecommunications, Government of India. He has also contributed to the development of an advanced IPv6 course for NIXI/MeitY.



Shri Chakresh Kumar Jain (**LF-222194**), is a seasoned media and broadcast professional with over 35 years of diverse experience across radio and television broadcasting, network planning, system design, and media operations. He brings strong leadership expertise in broadcast network management, commercial operations, HR and financial management, as well as media planning, sales and marketing. An officer of the Indian Broadcasting Engineering Services (IBES), he joined Doordarshan in 1991 through UPSC and rose to the position of Deputy Director General at Prasar Bharati. Over his distinguished career, he has handled a wide range of responsibilities including broadcast operations, system and network planning, revenue management, and international relations. He has a proven track record in developing strategic solutions for complex communication needs, particularly in the domain of development communication, and has played a key role in driving revenue growth through government and public sector engagements. Currently, he is leading next-generation broadcasting initiatives such as Direct-to-Mobile (D2M). He is also a fellow member of The Institution of Engineers, BES (I) and IETE.

Introducing the Chairmen of IETE Centres - Ex-officio GC Members (2026-2028)



Shri Radha Kishan Khetan (F-120851L), Chairman of the IETE Bhopal Centre, has over 55 years of distinguished experience spanning academia, industry, research and administration. He has served at MITS Gwalior, Jiwaji University, Gwalior and JC Mills Ltd, Gwalior, and continues to contribute actively to the fields of industry, education and entrepreneurship. He is the author of *A Monograph on Electronic Design Principles* and has published research papers in reputed journals. An enthusiastic amateur radio operator, he holds a patent for an innovative process for manufacturing "Fancy Slub Yarns," which has found applications in the textile industry in India and abroad. Shri Khetan has participated in numerous academic programs, including summer schools, conferences and workshops at premier institutions. He has held leadership positions in several professional, industrial and social organizations, including IETE, CSI, Lions Club and the MP Chamber of Commerce & Industry. He also conducts honorary classes for engineering students and mentors them in project work and entrepreneurship development.



Dr Surender Singh Saini (**F-169877**) is Scientist 'G' at CSIR–Central Scientific Instruments Organisation (CSIR-CSIO), Chandigarh, with over three decades of experience in avionics, electro-optical instrumentation, display systems, technology commercialization, innovation management and skill development. He has contributed significantly to several national strategic programmes, including the development of the Head-Up Display (HUD) and LED-based navigation lights for the LCA Tejas aircraft, as well as the refurbishment of periscopes for the Indian Navy. As Head of the Business Initiatives and Project Planning Department at CSIR-CSIO, he facilitated the transfer of 26 technologies to startups, MSMEs, PSUs and industries. Dr Saini has actively promoted innovation and entrepreneurship as a startup mentor, evaluator and expert for incubation programmes. He has published nearly 100 research papers, guided postgraduate and doctoral scholars and received several prestigious national awards. Presently, he coordinates Training & Placement and Human Resource Development activities at the Indo-Swiss Training Centre and serves as **Chairman of the IETE Chandigarh Centre**.



Dr D Vijendra Babu (LF-191911) is an Associate Professor (Grade-I) in the Department of Embedded Technology, School of Electronics Engineering, Vellore Institute of Technology, Vellore. He earned his PhD from Jawaharlal Nehru Technological University, Hyderabad and has over 26 years of experience in teaching, research and academic administration. His research interests include IoT, wearable computing, digital twins, embedded systems and machine vision**.** He has published 103 research papers**,** authored eight books, three book chapters, and holds three Australian patents, five Indian patents and one Indian copyright**.** Dr Babu has delivered 85 invited lectures**,** contributed to 24 national and international conferences**,** and organized an AICTE-ATAL Faculty Development Program on Wearable Technology for Healthcare**.** He is the recipient of two Best Paper Awards at IEEE International Conferences and played a key role in enabling the IETE Chennai Centre to secure the IETE Best Centre Award (Second Position) at the 66th Annual IETE Convention (2023). A Senior Member of IEEE, he currently serves as **Chairman, IETE Chennai Centre** and holds leadership positions in the IEEE Robotics & Automation Society & IEEE Vehicular Technology Society, IEEE Madras Section**.**



Dr Tarun Kumar Rawat (F-113904L) is an Associate Professor in the Department of Electronics and Communication Engineering at Netaji Subhas University of Technology, New Delhi. He obtained his PhD in Signal Processing from the University of Delhi in 2010, MTech in Signal Processing from NSIT in 2003 and AMIETE in Electronics and Telecommunication Engineering from IETE in 2000. With extensive academic and research experience, Dr Rawat has positioned himself as a distinguished scholar in signal and image processing, wireless communications, quantum signal processing, quantum communications and FPGA-based implementation of DSP algorithms. His recent work focuses on signal processing techniques for next-generation wireless systems. He has published over 60 research papers in reputed international journals and presented more than 50 papers at national and international conferences. He is the author of two widely acclaimed textbooks, *Signals and Systems* and *Digital Signal Processing*, published by Oxford University Press. Dr Rawat has also held several important academic leadership positions at NSUT, including Associate Dean (Academics), Associate Head, Department of ECE and Chairman, Admissions. He is the **Chairman of IETE Delhi Centre.**



Dr Nookala Srinivasa Rao (F-109164L) SMIEEE, Chartered Engineer, is a Professor in the Department of Electronics and Communication Engineering at Matrusri Engineering College, Hyderabad. With over 30 years of academic experience, he has made significant contributions to teaching, mentoring, curriculum development, research guidance and academic administration. A distinguished academician and researcher, Dr Rao specializes in RF and Microwave Engineering, Antenna Design, Electromagnetic Theory, Satellite Communications, Signal and Image Processing, Internet of Things and Artificial Intelligence applications. He earned his PhD in Electromagnetics and has guided numerous postgraduate research projects. He has served as Principal Investigator for several sponsored projects, including Remote Healthcare Systems through Cloud Computing, EMI Interference Analysis of Antennas and Rugged Mobile Design for Military Applications. Dr Rao has rendered exemplary service to both IETE and IEEE through various leadership roles. He has served as Hony Treasurer of the IETE Hyderabad Centre and as Chairman of the IEEE Education Society, Hyderabad Section, contributing significantly to professional and technical activities. At present he is the **Chairman of IETE Hyderabad Centre.**



Dr Shivaji Ghungrad (F-156351L) is the Principal of St Xavier's Technical Institute, Mahim, a government-aided, autonomous minority institution. He possesses over 34 years of experience in academic leadership, technical education and institutional administration. Dr Ghungrad has served on the Selection Committees of the Maharashtra and Gujarat Public Service Commissions and was a Member of the Steering Committee on Secondary

and Vocational Education under the 12th Five-Year Plan (2012–2017), Government of India. He is also a member of the Academic Committee of the Maharashtra State Board of Technical Education, Mumbai. His teaching and research interests include control systems, industrial management and digital signal processing. He has actively contributed to curriculum development, faculty mentoring and quality enhancement initiatives in technical education. Presently serving as **Chairman of the IETE Mumbai Centre,** Dr Ghungrad is committed to strengthening professional activities and industry-academia interaction. He has represented Indian technical education internationally through professional visits to the USA, Singapore, Malaysia and Thailand.



Shri Gajendra Pal Singh (F-044312), is a retired Senior Scientist of ISRO with over 40 years of distinguished professional experience in satellite communications and related technologies. During his tenure at ISRO, he contributed significantly to major national programs, including SITE and EDUSAT, encompassing the development, installation, operation and maintenance of satellite communication ground infrastructure across the country. He served in various capacities, including Project Engineer, Project Manager and Engineer-in-Charge for several strategic ISRO projects. Subsequently, he assisted M/s Antrix Corporation Ltd as Consultant, Project Manager (Implementation) and Site-in-Charge for a time-bound Ministry of Defence project. As Advisor (EDUSAT) to IETE, he played a key role in establishing Tele-Education facilities at Noida under the E-LAN initiative. He received two prestigious ISRO Awards from the Chairman, namely the Distinguished Achievement Award (1976) and the Team Excellence Award (2009). As **Chairman of the IETE Noida Centre**, he is actively working to strengthen Centre activities, revive ISFs and promote employability-oriented technical programs for students.



Prof (Dr) Sandip R Patil (**LF-174681**) is the Principal of Pune Vidhyarthi Griha's College of Engineering, Technology and Management, Pune. He obtained his BE (Electronics & Communication Engineering), ME (EC-CT) and PhD (Electronics & Computer Science Engineering) degrees. With over 36 years of experience in engineering education, he has served in a variety of academic and administrative positions with distinction. Under his guidance, four research scholars have been awarded the PhD degree**,** while two scholars are currently pursuing their doctoral research**.** He has published 51 research papers in reputed national and international journals and conference proceedings. His contributions to innovation and intellectual property have resulted in five patents and three copyrights**.** Prof Patil has also been instrumental in securing numerous academic and research grants from prestigious agencies and schemes, including AICTE-MODROB, AICTE-ATAL**,** AICTE-SPICES and Savitribai Phule Pune University (SPPU) Quality Improvement Program**,** thereby significantly strengthening institutional infrastructure, faculty development and student-centric initiatives. Prof Patil is presently serving as the **Chairman of the IETE Pune Centre** for the term 2026–2028. Earlier, he served as the Vice-Chairman of the Centre during 2024–2026**.**



Prof (Dr) Partha Pratim Sarkar, (**LF-174491**) **Chairman IETE Kolkata Centre** and Professor in the Department of Engineering and Technological Studies, University of Kalyani, Kalyani, Nadia, WB, is a distinguished academic and researcher in electronics and telecommunication engineering, his research interests include microstrip antennas, microstrip filters, frequency-selective surfaces and artificial neural networks. Published over 370 research articles and guided 26 PhD scholars. His substantial scholarly output and extensive supervision of engineering students reflect his sustained contributions to research and technical education. A Life Fellow of the Institution of Engineers (India), he brings considerable academic and professional experience to his new responsibility. Recently he has been appointed Pro-Vice-Chancellor of the University of Kalyani.



Ms Anupma Sharma (F-166262), IETE Governing Council Member and currently serving as the Honorary Treasurer of IETE, has been entrusted with the additional responsibility of serving as the Chairperson of IETE Bangalore Centre. She will discharge this responsibility in her capacity as Chairperson of the Ad-hoc Committee of IETE Bangalore Centre.

IETE in News...



News from IETE Centres/Sub-Centres

IETE Centres organised a diverse range of impactful activities, showcasing their strong regional networks, technical expertise, and organisational capabilities. These initiatives fostered meaningful stakeholder engagement, strengthened industry–academia collaboration, promoted knowledge exchange, and delivered substantial benefits to the engineering community and other stakeholders.

AHMEDABAD

- IETE Ahmedabad Centre initiated a Webinar Series for corporate members and IETE/ISF student members. The first expert lecture on **"Power Electronics Converters for Solar Applications"** was conducted online on 12th Sept 2026. The session featured **Dr Alok Kumar Singh, Adani University, Ahmedabad**, who spoke on solar power conversion technologies, DC–DC converters, advanced inverter topologies, MPPT techniques, grid-connected and standalone PV systems, advanced control strategies, and the application of SiC and GaN wide-bandgap semiconductor devices. The lecture highlighted their role in improving efficiency, power density, reliability, and smart-grid integration. The programme commenced with a welcome address by **Shri Dinesh Agrawal,** Chairman, IETE Ahmedabad Centre, followed by the introduction of the speaker by **Dr Ajay Kumar Vyas**. The vote of thanks was proposed by **Dr Sachin Gajjar**, Nirma University and LEC members of IETE Ahmedabad Centre. More than 25 participants attended the webinar and e-certificates were issued to all participants.

- The **"59th Engineers' Day"** celebration was jointly organised by the Water Management Forum (WMF) Ahmedabad, IETE Ahmedabad Centre, Indus University, and IEI (India) Gujarat State Center at Indus University on 16th Sept 2026. The event, which was dedicated to the legacy and philosophy of Bharat Ratna Sir M Visvesvaraya, was focused on the theme **"Smart Engineering for a Sustainable Future through Innovation and Digitalisation."** The event was graced by the distinguished Chief Guest **Shri Jayesh A Gandhi,** Council Insights, Member of IEI Gujarat, Chairman of WMF, and Special Secretary of the Roads Buildings Department, GoG and Keynote Speaker **Er Kirit B Trivedi,** Former Deputy Executive Engineer of the NWRWS K Department, GoG. The event was attended by **Prof (Dr) Ishbir Singh**, Director of IITE at Indus University, **Er M D Patel**, Chairman of IEI Gujarat, and **Er Himanshu Shah,** Hony Secretary of IEI Gujarat. **Er Vijay Solanki**, DD-WMF, coordinated the event, which was attended by approximately 35 IETE members and 50 IETE students' forum members.



- A **technical visit** was organized to **Gujarat Science City** on 16th Sept 2026 for ISF students as part of the **World Ozone Day** celebration on the theme **"Global Action for a Cooler Planet." Dr Neeraj Rastogi**, PRL, delivered an informative talk on the importance of the ozone layer, current threats, and protection measures. The visit was led by **Shri R J Ajwaliya,** LEC Member, along with **Smt Pinky Mandalia,** Office Staff, IETE Ahmedabad. Around 50 students, accompanied by faculty members **Prof Dhaval N Patel (LDCE)** and **Shri Smit Upadhyay (SIDS),** participated. The students also explored the thematic scientific galleries through guided tours, gaining valuable insights into science, technology, and environmental protection.

- The Centre organized another **technical visit to Gujarat Science City** on 22nd Sept 2026 for around 200 ISF students, as part of the celebration of the 235th Birth Anniversary of Michael Faraday, widely regarded as the "Father of Electricity." The programme included an introductory session on Faraday's contributions to electricity and electro-magnetism, followed by an interactive STEM education session by **Ms Hiral Thakkar** covering atomic structure, Newton's laws, energy, optics, electronics, and mathematics. Students also visited the Robotic, Astronomy and Aquatic Galleries, gaining valuable insights through interactive exhibits and hands-on learning. The visit was led by faculty coordinators **Prof Zalak Patel** (Indus University), **Prof Harsh Kapadia** and **Prof Amit Pandey** (Nirma University), and **Prof Neha Darji** (SAL Institute of Diploma Studies) and **Pinky Mandalia,** office staff, IETE Ahmedabad, with students.



- The IETE Ahmedabad Centre conducted the 2nd lecture of the Webinar Series on **"Photonics Sensors & Applications"** on 26th Sept 2026, via an online platform for corporate members and IETE/ISF students**. Dr Ajay Kumar Vyas,** Head, ICT at Adani University in Ahmedabad, served as the expert speaker. The speaker, corporate members, IETE/ISF students, and all participants were warmly welcomed by **Shri Dinesh Kumar Agrawal**, Chairman of the IETE Ahmedabad Centre. The speaker was introduced by Dr Sachin Gajjar. Dr Ajay Kumar Vyas presented his talk, which focused on the fundamental principles, working mechanisms, and emergent advancements in photonic sensing technologies. The presentation reviewed the applications of fiber-optic sensors, Fibre Bragg

Grating (FBG), Surface Plasmon Resonance (SPR), and Photonic Crystal Fibres (PCF) in the fields of healthcare, environmental monitoring, agriculture, and industrial automation. The integration of photonic sensors with AI, ML, IoT, quantum sensing, wearable technologies, silicon photonics, and 6G networks was given particular attention. The session addressed research challenges, performance parameters, practical case studies, and future opportunities in intelligent sensing systems. Dr Sachin Gajjar, Associate Professor at Nirma University, and LEC member of the IETE Ahmedabad Centre, presented vote of thanks. The webinar was attended by over 25 participants. E- Certificates were distributed to all participants.

ALIGARH

- The IETE Aligarh Centre celebrated **World Telecommunication and Information Society Day (WTISD) 2026** on 25th May 2026. The programme commenced with the recitation of verses from the Holy Quran by **Dr Mohd Ayyub Khan**, Hony Secretary, IETE Aligarh Centre, who thereafter gave a brief overview of World Telecommunication and Information Society Day, highlighting its historical significance, the role of the International Telecommunication Union (ITU), and the importance of information and communication technologies in promoting global connectivity and socio-economic development. **Prof Zia Ahmad Abbasi,** Centre Chairman, welcomed the participants and read out the message of the President, IETE, which emphasised the vital role of telecommunication technologies in building a resilient and connected society.



The keynote thematic address was delivered by **Prof Athar Ali Moinuddin**, Dept of Electronics Engineering, AMU. Speaking on the WTISD 2026 theme, **"Digital Lifelines: Strengthening Resilience in a Connected World,"** he elaborated on various dimensions of the theme. He highlighted the importance of resilient digital infrastructure, emerging technologies, digital inclusion, and robust communication networks in addressing contemporary societal challenges. The programme concluded with a vote of thanks proposed by **Mr Tehzeeb A Abbasi**, Honorary Treasurer, IETE Aligarh Centre. He expressed his sincere appreciation to the distinguished speaker, office bearers of the Centre, faculty members, students, and all participants for their valuable contributions and enthusiastic participation.

ALLAHABAD

- On 19th May 2026, the IETE Allahabad Centre commemorated **World Telecommunication and Information Society Day** on the theme "Digital Lifelines: Strengthening Resilience in a Connected World". **Prof Arun Prakash** and **Prof Manish Tiwar**i served as the guest speakers for the program and both are the faculty members of the Department of ECE, MNNIT Allahabad. Around 50 students from JK Institute, along with faculty members, IETE EC members, representatives from Nagar Nigam, media persons and newspaper representatives, attended the programme. The event commenced with a welcome address by **Er D K Srivastava,**



Hony Secretary, IETE Allahabad Centre, followed by ceremonial deep prajwalan. **Er M K Singh,** Centre Chairman, highlighted the importance of the theme, and the messages from the IETE President and Secretary-General, ITU, were shared. **Er A Agha** introduced the speakers, who delivered informative and thought-provoking talks. The speakers were honoured with mementos and shawls. **Dr Prabhat Chandra Srivastava** proposed the vote of thanks.

AURANGABAD (CHHATRAPATI SAMBHAJINAGAR)

On 11th Mar 2026, **"International Women's Day"** was celebrated by the IETE Aurangabad Centre and the CSMSS Chh. Shahu College of Engineering, Chh. Sambhajinagar. On the occasion, the Chief Guest **Mrs Maithilee Tambolkar Kamat**, Jt Managing Director, Sanjive Group, Chhatrapati Sambhajinagar, delivered an expert talk on Women Empowerment, sharing valuable insights and inspiring the audience. She highlighted the critical role women played in transforming businesses by converting strategic vision into practical execution. The session aimed to inspire, educate, and empower participants to recognize women's leadership capabilities in driving innovation, organizational change, and sustainable business growth. **Dr G B Dongre**, Principal of CSMSS Chh. Shahu College of Engineering Chhatrapati Sambhajinagar was felicitated on the occasion.



BHOPAL

- The IETE Bhopal Centre in collaboration with the IE (India) Students' Chapter at Madhav Institute of Technology and Science (MITS), Gwalior, hosted the event-named, "**Dash-Up Royale 2.0: Power BI Dashboard Creation Contest"** on 16th April 2026. The occasion saw involvement from 60 pupils, collaborating in groups of 1 to 3 individuals. The competition sought to improve competencies in data analysis, visualisation, and dashboard creation utilising Microsoft Power BI. The event effectively promoted creativity, critical analysis, and hands-on experience with real-world data issues. It demonstrated the ongoing dedication of IETE Bhopal Centre and the Dept of Electronics Engineering at MITS Gwalior to fostering technical proficiency and industry-relevant competencies in students.

- The 2nd International Conference on **"The Role of Digital Technologies in Innovation, Entrepreneurship and Start-ups"** was successfully conducted in hybrid mode on 8th and 9th May 2026, at the Mittal Institute of Technology, Bhopal. Academicians, researchers, industry experts, scholars, and students from various regions of the country participated. The conference's objective was to establish a dynamic forum for the exchange and discussion of innovative ideas concerning the development of entrepreneurship, innovation ecosystems, start-up culture, and emerging digital technologies. The esteemed Chief Guest, **Prof (Dr) S C Choubey**, Vice Chancellor of Rajiv Gandhi Proudyogiki Vishwavidyalaya, graced the inaugural ceremony. He underscored the importance of digital transformation, research innovation, and entrepreneurial initiatives in the pursuit of academic excellence and sustainable growth during his inspiring address. The conference was further enhanced by the insightful keynote lectures delivered by distinguished speakers from national and international institutions: **Dr Bennacer Amel**, a PhD in Biotechnology from the University of Boumerdes, Algeria, contributed her knowledge in the areas of microbiology, food security, environment, nanotechnology, and innovation. Next, **Laafer Abdelkader,** a PhD researcher and professor at Blida University in Algeria, presented a thought-provoking lecture on the integration of new technologies in passive and active solutions, as well as the incorporation of phase change materials in HVAC systems and buildings. The participants were addressed by **Dr Simrina Singh**, Director of Mittal Institute of Education, on the importance of innovation and educational transformation in the digital era. **Dr Ashish Maniguha**, the Principal of Mittal Institute of Pharmacy, provided significant insights on the shared valuable insights on research, healthcare technologies, and entrepreneurial opportunities in pharmaceutical sciences. The conference proceedings were significantly enhanced and all participants were motivated by the valuable knowledge, insights, and experiences that all four keynote speakers shared. A total of 268 participants from a variety of institutions across the country attended the conference, which received an overwhelming response. Forty research papers were presented offline during the two-day conference. The offline technical sessions were presided over by **Dr Apurv Shrivastava** from the School of Planning and Architecture. Furthermore, eight distinct session chairmen supervised the presentation of 196 research papers in online mode across eight technical tracks. The conference provided an exceptional platform for academic exchange, interdisciplinary collaboration, innovation, and networking among professionals and researchers. On 9th May 2026, a poster presentation competition was also conducted, during which 20 posters were presented by students from various colleges. The presentations demonstrated the research aptitude, innovation, and creativity of the youthful scholars.



- The Centre, in association with the Institution of Engineers (India), Gwalior Local Centre, celebrated **World Environment Day 2026** on 5th June 2026 on the theme **"A Global Call for Climate Action."** The programme focused on climate change, environmental sustainability, and the need for collective action. Experts discussed climate protection, climate finance, carbon markets, renewable energy, biodiversity, sustainable transportation, water management, and climate-resilient development. The programme was inaugurated by **Er RK Khetan,** Chairman, IETE Bhopal, with expert addresses by **Er Rajendra Singh, Er Ranvir Singh, Er Vinay Kumar Shukla** and **Er U S Pandey**. The programme emphasized the vital role of professionals and institutions in promoting environmental awareness and advancing a sustainable future.

- The Centre, Mittal Group of Institutes, Madhya Pradesh International Higher Education and Mobility Council, and WICCI organised an online session on **"Empowering Youth through Skills, Innovation, and Leadership"** on 19th July 2026, as part of World Youth Skills Day celebrations. The session encouraged youth skill development, creativity, leadership, and employability. **Dr PK Singhal** informed participants that graduates need practical and industry-relevant skills to be employable. **Dr Jyotsna Sarwaikar, Dr Neha Chaturvedi,** and keynote speaker **Ms Madhur Sinha**, Founder of Lion Cubs Preschool, stressed the importance of problem-solving, teamwork, integrity, confidence, and continuous learning for youth leadership and career success. Dr Shilpam Saxena thanked all speakers, participants, and partnering organisations for making the event a success in her vote of thanks.

- The Centre and the Institution of Engineers (India) Gwalior chapter, held a one-day seminar on **"Technicalities in Operation of Modern Computers"** on 19th July 2026 The program aimed to educate engineers, academics, students, and technology enthusiasts about computer technology and its uses. **Er R K Khetan** welcomed attendees and introduced the lecture theme. **Er Vivek Khandelwal**, the keynote speaker, discussed the history of technology from stone tools and the wheel to the printing press, telephone, Internet, and advanced computing systems. The technical sessions covered emerging computer science and IT fields. After vote of thanks, speakers received souvenirs and chatted over tea. The session was successful and raised attendees' awareness of emerging technologies and their uses.

- The Centre held a one-day seminar on **"Design Thinking and Innovation in Manufacturing"** on 21st July 2026, to promote design

thinking, innovation, human-centered problem solving, and creative approaches to engineering and technology challenges. The program brought together innovators, engineers, academics, and others interested in technology. **Er R K Khetan**, Chairman IETE Bhopal, welcomed and opened the seminar. The speakers stressed that design thinking is increasingly crucial for solving difficult challenges in a methodical, user-centred, and inventive manner. The technical sessions explained design thinking's fundamentals, stages, and applications. Practical examples of design thinking for real-world needs were also explored. Rugged solar charging solutions for rural customers, open-source 3D-printed prosthetic hands, and low-literacy UPI payment systems were cited. The programme also addressed the role of innovation in modern technology and the importance of cyber security. The event's resource people were: **Er K N Jha**, Former Principal Ashok Nagar Polytechnic, and **Er VK Shukla**, IETE Bhopal Vice Chairman.

- The Centre, in collaboration with the IE (I) Students chapter and the Department of Electronics and Telecommunication Engineering at MITS-DU, Gwalior, conducted an expert talk entitled **"RF Energy Harvesting Using Different Antenna Configurations: Design and Performance Analysis"** on 24th Aug 2026. The expert talk on the theme topic was then delivered by **Dr Sachin Agrawal**. The expert elucidated the fundamental principles of RF energy harvesting and its potential applications in contemporary wireless communication systems during the session. He addressed a variety of antenna configurations, antenna design techniques, optimisation methodologies, and performance parameters that are pertinent to the efficient harvesting of RF energy. The speaker emphasised the significance of RF energy harvesting as a sustainable method for powering low-power electronic and wireless devices. He addressed the potential for energy harvesting efficiency to be enhanced through the implementation of optimised antenna designs and appropriate antenna configurations. Additionally, the practical challenges associated with antenna design, implementation, and performance optimisation were addressed.



- The **"First Flight 2026 – Freelancing Seminar"** was organised by the IETE Bhopal Centre in collaboration with the Madhav Institute of Technology & Science (MITS), Gwalior, on 12th Sept 2026. The purpose of the seminar was to introduce students to freelancing and its potential as an alternative professional pathway. The program addressed critical components of establishing and advancing a freelance career, such as portfolio development, client acquisition, professional communication, project management, pricing, payments, and professional development. The program commenced with an introduction to FiBIRD – Freelancing, the College Society that organised the event, and an overview of its partnership with IETE Bhopal. Kaushik provided the introduction, which was followed by sessions that were conducted and facilitated by Devashish, Kaushik, Ayush and Diya.



- Students and faculty members participated in the IETE Bhopal Centre's celebration of **Engineers' Day** on 15th Sept 2026, at Madhav Institute of Technology and Science (MITS), Gwalior. Er R K Khetan, Centre Chairman, delivered a welcome address to initiate the program. He emphasised the life, values, and professional qualities of Sir Mokshagundam Visvesvaraya in his address, emphasising the qualities that engineering students should cultivate in their academic and professional lives. Subsequently, **Dr P K Singhal**, the Immdt Past Chairman, IETE Bhopal Centre, delivered an insightful talk. He elaborated on the concept and importance of engineering, as well as the role and responsibilities of engineers in society. His address underscored the role of engineers in the advancement of technology and the advancement of society. **Er Girraj Goyal** in his talk emphasised the significance of responsible resource management and urged students to make a positive impact on environmental conservation and sustainable development. The program concluded with a vote of thanks proposed by Dr Rahul Dubey, the Hony Treasurer of the IETE Bhopal Centre.



BHUBANESWAR

- **The World Telecommunication and Information Society Day 2026** was celebrated on 17th May 2026 at the auditorium of Gandhi Institute of Technology & Management (GITAM). **Prof (Dr) Ajoy Pradhan**, Principal, GITAM, presided over the programme and in his welcome address, encouraged the teaching community to benefit from IETE's initiatives for advancement in technology and related fields. **Dr S P Padhy,** Principal, Regional Telecom Training Centre, traced the evolution of telecommunication technology from manual telephony to modern mobile communication. **Sri Balaram Pal**, Vice-Chairman, IETE Bhubaneswar, was the Chief Guest and spoke on the 2026 theme of World

Telecommunication and Information Society Day. He highlighted the rapid advancement of technology and the objectives of the observance. The programme was attended by students, teaching staff and associates of GITAM. The event provided an opportunity to create awareness about the evolving telecommunications landscape and the growing role of information and communication technologies in society.



- The Engineering College students underwent **internship training** in an online format at IETE, Bhubaneswar Centre. The course topic was **Digital System Design & Verification using Verilog HDL**, and it was conducted from 1st July- 17th Aug 2026. The course attracted 25 students from the Einstein Academy of Technology & Management. **Sri M K Sukla**, Director of VLSI Pro Technologies, **Sri S K Brahma,** Coordinator of IETE, Bhubaneswar, and **Prof KP Patra**, HoD of ECE at Einstein Academy of Technology, also attended.

- **Engineer's Day** was commemorated on 15th Sept 2026, by IETE Centre, in partnership with Gandhi Engineering College, Bhubaneswar, held in the college auditorium**. Sri AK Pahi**, Technical Advisor to the Government of Odisha, graced the event as the Chief Guest. **Sri S K Brahma,** Coordinator of IETE in Bhubaneswar, **Dr KVN Rao**, Director of GEC, **Dr A Baradeswaran**, Principal of GEC, and **Dr PR Tripathy**, Dean of GEC, participated in the meeting. Initially, there was a Technical



Essay and Quiz competition for ISF members, and awards were presented during the event. The principal welcomed the audience and emphasised the significance of Engineers in nation-building. **Dr Rao** elucidated the contributions of Sir M Visvesvaraya, the father of modern engineering, and his involvement in the design of the Hirakud Dam. **Sri S K Brahma,** in his address, elucidated the role of engineers in contemporary society and the contribution of IETE to the progression of engineers. **Sri A K Pahi** encouraged the students to engage in invention, experimentation, and the practical application of their knowledge. Approximately 350 students and faculty members attended the meeting.

CHANDIGARH

- IETE Chandigarh Centre celebrated the **58th World Telecommunication and Information Society Day (WT&ISD-2026)** on 18th May 2026 in hybrid mode on the theme **"Digital Lifelines – Strengthening Resilience in a Connected World." Dr Umesh K Tiwari**, Centre Chairman, welcomed the dignitaries, members and participants and formally inaugurated the programme. **Dr Amol P Bhondekar**, Centre Hony Secretary, shared the messages from the President, IETE, and the ITU Secretary-General, while **Dr Neelesh Kumar**, Vice-Chairman, introduced the invited speaker. **Prof Lalit Kumar Awasthi**, Vice Chancellor, Sardar Patel University, Mandi, and recipient of the **IETE–B V Baliga Memorial Award-2025**, delivered an insightful talk on **"IoT Security"**, highlighting his award-winning work and the importance of secure and resilient digital systems. **Prof (Wg Cdr) P Prabhakar (Retd)** and IETE President Emeritus, addressed the gathering on **Rugged and Resilient C4ISR Systems Using AI/ ML Technologies** and shared key aspects of Operation Sindhoor. **Dr Surender Singh Saini**, Hony Treasurer, proposed the vote of thanks and expressed gratitude to the speakers, dignitaries and participants for the successful conduct of the programme.



- As part of its Golden Jubilee Celebrations (1977–2027), the IETE Chandigarh Centre successfully arranged an informative webinar on 12th August 2026. With a focus on the **"SPHE-Match: Semi-supervised Prototype-aware Hierarchical Embedding Matching"** method for the classification of sleep apnoea events using single-lead Electrocardiogram (ECG) signals, the webinar covered recent advances in biomedical signal processing and artificial intelligence. In addition to welcoming the eminent speaker and attendees, **Dr Surender Singh Saini**, Centre Chairman, emphasized the significance of developing technology in biomedical and healthcare applications. **Dr Bala Chakravarthy Neelapu**, Asstt Prof at NIT Rourkela, CSIR-CSIO scientists, Executive Committee members, IETE corporate members, students, academics, researchers, and professionals were among those who attended the session. Additionally, the Chairman thanked **Dr Abhishek Gupta**, Executive Committee Member and Webinar Coordinator, for organizing the event. Dr Abhishek Gupta, proposed a vote of gratitude to wrap up the session. Other eminent persons present were: Dr Neelesh Kumar, Hony Secretary, Dr Divya Agrawal, Dr Garima Saini, Dr Abhishek Gupta, Dr Amol P Bhondekar and Shri Manmohan K Maini from the IETE Chandigarh Centre.

- A workshop on **"Cybersecurity in the Era of Emerging Technologies"** was organized on 14th August 2026, by the C-DAC, Noida, in collaboration with the IETE Chandigarh Centre, and Chandigarh

Vigyan Parishad as co-hosts. The workshop was organized by the Ministry of Electronics & Information Technology (MeitY), Government of India, as part of the project "Development of Best Practices to Counter Cyber Security Threats & Challenges in Emerging Technologies – AI, IoT & Cloud Computing." **Dr V K Sharma**, Scientist G, C-DAC Mohali, served as the Chief Guest. He presented an overview of cyber security threats associated with emerging technologies such as AI, IoT, and Cloud Computing. He underscored the significance of implementing effective strategies to protect data, infrastructure, and systems from the evolving nature of cyber threats. The Chief Guest, **Dr V K Sharma,** Scientist 'G', C-DAC Mohali; **D Hemraj Nandanwar,** Scientist 'G', CSIR-IMTECH Chandigarh; **Shri Tushar Patnaik,** Scientist 'F', C-DAC Noida; and **Dr Lakshami Kalyani,** Scientist 'F', C-DAC, Noida, and the Executive Committee members, senior corporate members, scientists from CSIR-CSIO, and participants from a variety of institutions, universities, and colleges were warmly welcomed by **Dr Surender Singh Saini**, Centre Chairman. He emphasized the rapid transformation taking place in our lives and workplaces by emerging technologies, including Artificial Intelligence (AI), Machine Learning (ML), IoT, Cloud Computing, 5G, 6G, and automation, in his welcome address. He emphasized the growing significance of cyber security awareness, preparedness, and resilience in light of the increasing reliance on digital technologies in government, education, industry, finance, and society. 75 scientists, researchers, faculty members, professionals, corporate members, students, and participants from a variety of government organizations, academic institutions, universities, and other organisations attended the programme. The speakers' expertise and practical insights were beneficial to the participants, who actively participated in the technical sessions and discussions. The others present were: **Prof Shantanu Bhattacharya**, Director, CSIR -CSIO Chandigarh, **Dr Neelesh Kumar**, Centre Hony Secretary, **Dr Divya Agrawal**, Centre Hony Treasurer, **Shri Tushar Patnaik,** Scientist 'F', C-DAC Noida, **Dr Garima Saini,** Centre EC Member, **Dr Labh Singh,** FIETE, **Dr Abhishek Gupta**, Centre EC Member, **Dr Prasant K Mahapatra**, Centre EC Member, **Shri Hitender Singh Pawar**, FIETE, **Dr Raj Kumar Pal**, Centre EC Member, **Dr V D Shivling**, FIETE, **Dr Umesh Tiwari**, Immdt. Centre Past Chairman **Dr Parveen Kumar Bajaj**, Chandigarh University, Gharuan, **Dr Mala Kalra**, FIETE, **Shri Kulvinder Singh,** FIETE.

- The **80th Independence Day** was held at the Centre on 15th Aug 2026. The Chief Guest, **Prof Shantanu Bhattacharya**, Director, CSIR–Central Scientific Instruments Organization (CSIO), Chandigarh, raised the National Flag. After Vande Mataram and the National Anthem, **Prof Shantanu Bhattacharya** and **Dr Surender Singh Saini**, Chairman, IETE Chandigarh Centre, shared their thoughts. They honoured the nation's liberation warriors and discussed the national subject, "150 Years of Vande Mataram" and "Yuva Shakti for Viksit Bharat@2047," emphasizing patriotism, national unity, and youth's responsibility in developing India by 2047. The event included Executive Committee Members, Corporate Members, and IETE Chandigarh Centre and CSIR-CSIO staff. A **Tree Plantation Drive** was conducted on the same day by the members at the lawn of the IETE Chandigarh Centre.

- A **logo launching event** was organized by the Centre on 31st Aug 2026, as part of its Golden Jubilee Celebrations (1977–2027), marking a significant milestone. It was a celebration of the Centre's half-century of pioneering work in the field of electronics and telecommunications engineering. The Chief Guest, **Prof R K Sinha**, along with other esteemed guests, including CSIR-CSIO scientists, IETE corporate members, students, faculty, researchers, and professionals, were warmly greeted. Prof Sinha had previously served as Chairman of the Centre and Director of CSIR-CSIO, Chandigarh. The Golden Jubilee Logo, representing the Centre's progress toward its half-century jubilee, was officially introduced by Prof RK Sinha during the event. Prof Sinha extended his congratulations to the IETE Chandigarh Centre on reaching this momentous milestone in its history and spoke highly of the significance of honouring the Centre's enduring impact on the area of electronics and telecommunication engineering. He urged the Centre to continue its incredible path with a fresh sense of pride and excitement. An online webinar on **"Non-Conventional Substrates for Antenna Design: Enabling Lightweight and Next-Generation Space Communication Systems"** was also organized as part of its Golden Jubilee Celebrations and in the spirit of National Space Day. The speaker, **Dr Balwinder Singh Dhaliwal** of NITTTR Chandigarh, delivered an insightful presentation on innovative substrate materials and lightweight antenna technologies for next-generation space communication systems. The session highlighted their role in developing efficient, reliable and self-reliant communication systems for future space applications. The event witnessed enthusiastic participation from 131 attendees, including scientists, faculty members, researchers, professionals, students and IETE corporate members representing various organisations, institutions, universities and ISF colleges across Jammu, Haryana, Punjab and Rajasthan.

- The Centre conducted a webinar titled **"Cross Layer Optimisation and Future of Computing"** on 15th Sept 2026, as part of the Golden Jubilee Celebrations. The invited speaker for the session was **Dr Neeraj Goel,** an Assoc Prof at IIT Ropar, Punjab. The objective of the program was to introduce participants to emerging trends in computing and cross-layer optimisation. 73 attendees, who represented a variety of organisations, institutions, universities, and IETE Students' Forum (ISF) colleges, participated enthusiastically in the webinar.

- IETE Chandigarh Centre, in collaboration with Chandigarh Vigyan Parishad, celebrated **Engineer's Day** on 15th Sept 2026 with a technical talk and quiz competition. **Dr Neerja Garg**, Joint Secretary, Chandigarh Vigyan Parishad, compered the programme. **Dr Surender Singh Saini,** Chairman, IETE Chandigarh Centre, welcomed the Chief Guest, **Dr Kamaljeet Singh**, Director General, Semiconductor Laboratory (SCL), Mohali; **Dr Dhruva Kant Shukla**, President, Chandigarh Vigyan Parishad; and other dignitaries, scientists, professionals, and students. He highlighted the role of engineers in technological advancement and nation-building. Dr Shukla paid tribute to Sir M Visvesvaraya and underscored his enduring legacy in engineering excellence and national development. **Dr Kamaljeet Singh** delivered an insightful talk on **"Emerging Technologies, Semiconductor Technology, Innovation, and the Role of Engineers in Nation Building,"** highlighting semiconductor manufacturing and the Government of India's vision for the sector. The quiz competition, conducted by **Dr Divya Agrawal**, Hony Treasurer, IETE Chandigarh Centre, witnessed enthusiastic participation from 25 teams representing various IETE Students' Forum (ISF) colleges. Teams from **Punjab Engineering College (PEC), Chandigarh,** secured I & II prizes, while **Indo Swiss Training Centre (ISTC), Chandigarh**, won the III prize. The programme attracted approximately 105 participants.

Dr Neelesh Kumar, Secretary, IETE Chandigarh Centre, proposed the vote of thanks, acknowledging the dignitaries, organising team, participants, and all contributors to the event's success. Other attendees included Dr Garima Saini, Dr Ritesh Kumar, Dr Abhishek Gupta, Dr Umesh K. Tiwari, Dr Prashant K Mahapatra, Dr Raj Kumar Pal, Dr Arun Kumar Singh, Dr C Ghanshyan, Shri S K Angra, and Dr G S Singh.



- The Centre, in collaboration with the ISF of CGC University, Jhanjeri, organised an expert talk titled **"From Circuits to Careers: A Roadmap for Young Engineers"** on 23rd Sept 2026. **Dr Neelesh Kumar,** Chief Guest, highlighted IETE membership and its benefits for students' professional and career development. **Dr Divya Agrawal**, Hony Treasurer, IETE Chandigarh Centre, shared valuable insights on career planning, skill development and professional growth. **Dr Raj Kumar Pal**, Scientist, CSIR-CSIO, Chandigarh, also interacted with faculty members and students. The programme was coordinated by Dr Ankita Aggarwal, Assoc Prof, ECE Department and ISF Coordinator, who proposed the vote of thanks. The event was attended by 63 students and concluded with an engaging question-and-answer session.



CHENNAI

- IETE Chennai Centre celebrated **World Telecommunication and Information Society Day 2026** on 17th May 2026 through Google Meet on the theme **"Digital Lifelines: Strengthening Resilience in a Connected World."** The programme also included the felicitation of IEEE Madras Section, IET Chennai Network, CSI Chennai Chapter, and IABMS Chennai. **Dr D Vijendra Babu**, Executive Committee Member, delivered the welcome address, highlighting the importance of gender-inclusive innovation and equitable access to digital technology. **Dr R Karthikeyan,** Hony Secretary, presented the Centre's annual activities and read out the WT&ISD Message of Shri Sunil, President, IETE, emphasizing the role of digital infrastructure in strengthening resilience during crises. **Dr Adhiyamaan Balakrishnan**, Scientist-F (Retd), NCMRWF, the Chief Guest, delivered the keynote address on **"Digital Readiness in Disaster Management,"** drawing on his professional experience in weather forecasting and disaster management. **Dr A Rathinam,** Chairman, IET CLN; **Dr M Arun,** IEEE Madras Section; **Dr V Muralibhaskaran,** Chairman, CSI Chennai; and **Prof (Dr) G Kulanthaivel,** IABMS, addressed the gathering during the **felicitation programme** and emphasized the importance of continued collaboration among professional societies. **Dr S Sumathi,** Hony Treasurer, delivered the vote of thanks, expressing gratitude to the Chief Guest, participating institutions and all attendees.

- **Dr Muthukannan Murugesh**, Postdoctoral Researcher at Universiti Sains Malaysia (USM), conducted an International Webinar Series - **Metal Mountable Compact UHF RFID Tag Antenna Design** via online mode on 15th July 2026.

- The IETE Chennai Centre co-hosted a seminar titled "**Design the Thinking® : Reimagining Human-AI Collaboration for Measurable Business Impact"** on 9th Aug 2026, at the Computer Society of India, CIT Campus, Chennai, led by **Mr James Deepak**, Design Thinking Facilitator and Faculty at the School of Design Thinking, alongside **Dr Bhuvana Manoharan**, Assistant Manager at Intellect Design Arena, Chennai.

- The IETE Chennai Centre held the **80th Independence Day** celebrations on 15th Aug 2026. **Dr D Vijendra Babu**, Centre Chairman raised the flag, and members of the Executive Committee were also there.



- The IETE Centre hosted a special technical session on "**5G Today, 6G Tomorrow: Where AI Meets Next-Generation Connectivity"** on 15th Aug 2026. The event was handled Shri **Santhanakrishnan J**, the former CTO of Fibre Networks at Tamil Nadu Cable TV Corporation Ltd Former Chief Technology Officer of BharatNet, Tamil Nadu Telecom Expert.

- IETE Chennai Centre jointly organized 5th Seminar Series on "**AI in Telemedicine & Healthcare Research"** on 19th Aug 2026, at KCG College of Technology. **Dr Ikramulla H,** President, TSI Tamil Nadu State Chapter, the chief guest; **Dr T Senthil,** President Elect, TNTSI; **Dr Sheila John,** Vice President, TNTSI; and **Shri D Satheesh Kumar,** Secretary, TNTSI, addressed the audience.

- The Centre collaboratively hosted a one-day workshop titled **"Research Articulation from Ideas to Publication"** on 24th Aug 2026, at Rajalakshmi Institute of Technology, Chennai, led by **Dr V Thulasi**

Bai, former Chairman of IETE Chennai, and Professor of ECE at KCG College of Technology, Chennai.

- The Centre organized an international webinar on **"The Future of Autonomous Intelligence - From AI Agents and Digital Workers to Robotics, Sovereign AI and Human–AI Collaboration"** on 5th Sept 2026 through online mode, led by **Shri Ganesan Narayanasamy** Investor, Founder & CEO – Object Automation System Solutions Inc. President – OpenPOWER Foundation & Distinguished Faculty, California.

- The Centre, in collaboration with the Computer Society of India, organized a seminar on **"Agentic AI: Autonomous Decision-Making and Intelligent Automation"** on 9th Sept 2026 at the Computer Society of India, CIT Campus, Chennai. The seminar was delivered by **Dr R Ponnusamy,** Principal, Madha Engineering College, Chennai.

- The Centre organized a technical seminar on **"Industry 4.0 & AI"** on 18th Sept 2026 at IETE Hall, Chennai, commemorating the birth anniversary of Sir M Visvesvaraya. The session was delivered by **Dr Swarna Ravindra Babu**, Founder & CEO, Coovum Smart Systems and Services Private Limited, Chennai.

- The Centre organized a hands-on workshop on **"UAV Technology, Flight & Aerial Mapping"** on 24th Sept 2026, at Shri Muthukumaran Institute of Technology, Chennai, conducted by NexAlt Drone Technologies, Chennai The Hands-on Workshop on UAV Technology, Flight & Aerial Mapping was designed to provide participants with practical exposure to drone fundamentals, flight operations, aerial mapping and geospatial applications. The programme connected classroom concepts with real-world UAV technology and field-oriented applications.

- The Centre organized a "**TECH iTALK: Women Leads** – Session 01" on 28th Sep 2026, through online mode, by **Dr S Vidhya** Prof, Department of Sensors and Biomedical Technology Assistant Director, Entrepreneurship Development Cell.

DELHI

- **Saraswati Puja** was observed on 23rd–24th Jan 2026 at Centre's premises with devotion and enthusiasm. The celebrations included traditional rituals, hawan, and a community bhandara, with active participation from Executive Committee members, staff and students. The celebration concluded with the ceremonial Visarjan of the idol, reflecting the Centre's cultural spirit and sense of togetherness.

- IETE Delhi Centre held a technical seminar on **"Mobile Cybersecurity Infrastructure for the Quantum Era"** on 24th Jan 2026. **Dr Navneet Sharma** gave an engaging technical lecture. He introduced qubits and quantum computing, explaining how quantum principles vary from traditional computing and why they are important for next-generation technology. The talk focused on quantum computing's computational capabilities and security effects on mobile and cybersecurity infrastructures.

- The Centre commemorated **Republic Day** on 25th Jan 2026, with a patriotic spirit and tremendous enthusiasm at its premises. The Executive Committee (EC) members and staff were present at the celebration and actively engaged in the festivities. Hon'ble Minister **Shyam Sunder**, the Chief Guest, graced the event, contributing to its significance. The Chief Guest and **Prof (Dr) Tarun Rawat,** Chairman, IETE Delhi Centre, conducted a simultaneous flag hoisting ceremony to inaugurate the event. The cultural segment of the program featured performances that emphasised the nation's unity and rich heritage. An ambiance of celebration and pride was established as participants performed patriotic songs and activities. The objective of the event was to foster a sense of national unity and responsibility among all attendees and to honour the values that are enshrined in the Constitution of India. The celebration successfully concluded with the enthusiastic participation of all attendees.

- **Dr Deepak Sharma**, Principal Scientist, CSIR–National Physical Laboratory, New Delhi, and FIETE, delivered an insightful talk on **Wireless Sensor Networks (WSNs)** on 7th February 2026. He explained their applications in healthcare, agriculture, environmental monitoring, industrial automation and smart cities, highlighting the importance of scalability, reliability and energy efficiency. He discussed heterogeneous sensor networks, energy-efficient protocols, data aggregation and energy-aware routing, and introduced Zigbee as a low-power wireless communication technology based on IEEE 802.15.4. He also highlighted emerging trends including IoT integration, AI-enabled data processing, edge computing and ultra-low-power sensors, underscoring their role in developing intelligent and sustainable future networks.

- A **Fire Drill** was successfully conducted at IETE Delhi Centre, Janakpuri, on 11th February 2026 by the Disaster Management Team to enhance fire safety awareness and emergency preparedness. The exercise included an orderly evacuation, attendance at the designated assembly point, and demonstrations of rescue, firefighting and first-aid procedures. Police PCR vehicles, the fire brigade and ambulance services participated, demonstrating effective coordination among emergency response teams and building occupants.

- IETE Delhi Centre organized an office picnic on 8th Mar 2026 at Rangmanch Gurgaon. The event witnessed enthusiastic participation from Executive Committee (EC) members and staff. The picnic was organized with the objective of promoting team bonding, relaxation, and a healthy work-life balance.

- IETE Delhi Centre, in collaboration with Netaji Subhas University of Technology (NSUT), celebrated **World Telecommunication and Information Society Day (WTISD)** on 23rd May 2026, based on the ITU theme, **"Digital Lifelines: Strengthening Resilience in a Connected World." Ms Shashi Moitra,** Hony Secretary, IETE Delhi Centre, welcomed **Prof (Dr) Tarun Rawat**, Chairman, IETE Delhi Centre and Professor at NSUT, who delivered an insightful lecture on the theme. Approximately 37 students, EC members and staff attended the programme, which concluded with a vote of thanks.

- The Centre, in collaboration with Bharati Vidyapeeth and IEEE Delhi Section, organized an online technical lecture on **"Enterprise AP Adoption: Productivity, ROI & AIDLC"** on 1st Aug 2026. The lecture was delivered by **Shri Anil Pathak,** Member, Executive Committee, IEEE Delhi Section. The session highlighted the importance of enterprise adoption of AI-powered productivity tools, their impact on organizational efficiency and return on investment (ROI), and the role of the AI Development Life Cycle (AIDLC) in implementing AI solutions.

- On 22nd Aug 2026, the Centre hosted a lecture entitled **"No-Code AI Automation with n8n: Design, Build & Deploy Workflows,"** which was delivered by **Ms Divya Maheshwari,** Asstt Prof, ABES Engineering College. The Speaker and attendants were warmly welcomed by **Prof (Dr) Tarun Kumar Rawat,** Centre Chairman. Mrs Shashi Moitra, Hony Secretary; Shri Amit Chauhan, Hony Treasurer and EC Member; Mrs Meenakshi Vij, GC Member IETE and students; and staff members of IETE DC attended the event. Mrs Shashi Moitra delivered a vote of thanks at the conclusion of the program. The lecture was attended by approximately 35 students.

- The IETE Delhi Centre commemorated **Independence Day** on 13th and 15th Aug 2026, with a spirit of national pride, patriotic fervour, and tremendous enthusiasm on its premises. The Chief Guest of the celebration was **Hon'ble Shri Shyam Sharma Ji**, MLA of Hari Nagar, on 13th August 2026. **Dr Tarun Rawat,** Centre Chairman; **Mrs Shashi Moitra,** Hony Treasurer; **Shri Amit Chauhan,** Hony Treasurer; **Shri Ambarish Singh,** Executive Committee Member; **Mrs Meenakshi Vij,** Governing Council Member; **Dr Rajneesh Verma,** Corporate Member of the IETE Delhi Centre; and other staff members attended the event. The celebration of Independence Day proceeded on 15th Aug 2026. The National Anthem was played to commence the program and the event commemorated the principles of patriotism, unity, and freedom.



- On 30th Aug 2026, the IETE Delhi Centre conducted an **Endowment Lecture** in honour of the **late Shri Madhav Ballabh Goswami**, who served as the head of the Recruitment & Assessment Board and a former Executive Committee Member of the CSIR. The lecture was conducted in honour of his substantial contributions to the welfare of students and the advancement of the IETE Delhi Centre. **Dr Vishal Sharma**, Asstt Prof at Bharati Vidyapeeth, delivered the lecture on the subject of **"AI Readiness and Future Skills Transformation."** The session concentrated on the significance of acquiring future-ready skills to adapt to the changing demands of the workplace and technology, as well as the evolving landscape of Artificial Intelligence. The Chief Guests were: **Dr Binita Goswami**, Prof of Biochemistry at Maulana Azad Medical College (MAMC), daughter of the late Shri M B Goswami, and **Dr Nikhil Gupta,** Professor at AIIMS-CAPFIMS, son of the late Shri M B Goswami. The Chief Guests and all attendees were greeted by Shri Amit Chauhan, Hony Treasurer of the IETE Delhi Centre. **Prof (Dr) Tarun Kumar Rawat**, Centre Chairman, addressed the audience and shared his reflections on the life, contributions, and enduring legacy of Late Shri M B Goswami, with a particular emphasis on his commitment to the development of the Centre and the welfare of students. The event was attended by Mrs Shashi Moitra, Hony Treasurer; Shri Ajay Kumar, EC Member; Mrs Meenakshi Vij, Co-opted Member, IETE Delhi Centre; and students and staff members of the IETE Delhi Centre. The program concluded with a vote of thanks.



- IETE Delhi Centre organized a **Teacher's Day** celebration to honour and commemorate the memory of **Late Prof H K Dass**, an eminent faculty member of IETE Delhi Centre, on 5th September 2026. As part of the celebration, a technical lecture on **"AI-Powered IoT Devices in 6G: From On-Device Intelligence to Federated Edge Learning"** was delivered by **Dr Gunjan Mittal Roy,** Assistant Professor, School of Computer Science, IILM University. **Prof (Dr) Tarun Kumar Rawat,** Centre Chairman, welcomed the distinguished speaker and all the attendees. The programme was attended by EC Member **Mrs Shashi Moitra,** Hony Secretary; **Shri Amit Chauhan,** Hony Treasurer and EC Member; **Shri Ajay Kumar,** Corp Member, **Mrs Meenakshi Vij,** GC Member, IETE; students; and staff members of IETE Delhi Centre. The lecture provided valuable insights into the emerging role of artificial intelligence and the Internet of Things in 6G communication systems, with particular emphasis on on-device intelligence and federated edge learning. The programme concluded with the vote of thanks from Mrs Shashi Moitra, Hony Secretary, IETE Delhi Centre.



INDORE

- The Departments of Electrical & Electronics Engineering (EXE) and Electronics & Communication Engineering (ECE), Oriental University, Indore, in collaboration with the IETE Sub-Centre, Indore, organized an **Industrial Visit to RR Electrical & Engineers** on 14th August 2026. Students gained practical exposure to electrical panel manufacturing, electrical and substation installations, cable laying, rooftop solar systems, industrial equipment, engineering practices, and workplace safety procedures, helping them relate theoretical knowledge to real-world industrial applications.

- The IETE Sub-Centre Indore commemorated the **80th Independence Day of India** on 15th August 2026 with patriotic enthusiasm. The programme commenced with the flag-hoisting ceremony by **Prof (Dr) Dhruv Ghai,** Immdt Past Chairperson, IETE Sub-Centre Indore, followed by the rendition of the National Anthem. The celebration also featured a disciplined NCC parade, cultural performances including patriotic songs, and inspiring speeches by faculty members and distinguished guests. The event concluded with a renewed commitment to uphold the ideals of freedom, unity, and responsible citizenship.



- On the occasion of **Engineers' Day,** 15th Sept 2026, the IETE–Student Forum (ISF) in association with the Department of ECE/EXE, Oriental University, Indore, organized a one-day hands-on workshop titled "VeriLogix 1.0: Pragmatic Approach for Hardware Design Using Verilog". The workshop was conducted by **Prof Preet Jain,** Assoc Prof, EEE, SVVV (Shri Vaishnav Vidyapeeth Vishwavidyalaya) Indore, and he provided practical exposure to Verilog-based hardware design and FPGA implementation. Around 60 students from Oriental University and AITR, Indore, participated in the workshop. **Prof (Dr) Dhruva Ghai**, Immediate Past Chairperson, IETE Sub-Centre Indore, encouraged students to strengthen their hardware and software skills through practical learning. The event concluded with an FPGA Design Challenge, in which the AITR, Indore team secured the first position, while the Oriental University, Indore team was the runner-up, making the workshop a valuable platform for hands-on technical learning, skill development, and industry-oriented exposure.

JAMMU

- IETE Jammu Sub Centre, in collaboration with the Department of Electronics, University of Jammu, celebrated **IETE Students' Day** on 20th Apr 2026. The programme commenced with the welcome address by **Dr Vijay Sharma,** Sub-Centre Chairman, who highlighted the significance of Students' Day and IETE's objectives in promoting advancement in Electronics, CS & IT, AI, ML and skill development. This was followed by the address delivered by **Dr Radhika Khanna,** Honorary Secretary, IETE Jammu Sub Centre. **Prof Susheel Sharma,** HoD, Dept of Electronics, University of Jammu, the **Chief Guest**, was felicitated by the IETE team. **Maj Gen S K Sharma**, **AVSM (Retd)** emphasized the importance of connecting technology with the Dogri language and society. The technical session featured insightful talks by **Prof Parveen Kumar Lehana** on technology and the vedas, **Prof Rakesh Vaid** on the importance of technical seminars and conferences, and **Prof Pawnesh Abrol** on artificial intelligence and machine learning and their applications in daily life. Students Rishabh Sharma, Shriya Singh and Manisha Thakur presented technical topics on AI, ML and Digital Technologies. **Prof Susheel Sharma** appreciated IETE's efforts in promoting technological awareness and encouraged students and research scholars to benefit from IETE membership and activities. The programme was conducted by Ms Rupinder, research scholar, Department of Electronics, and concluded with the vote of thanks by Er Tinny Sawhney, Hony Treasurer, IETE Jammu Sub-Centre. The event provided an engaging platform for technical learning, knowledge sharing and innovation among students.



- The Sub-Centre celebrated **World Telecommunication & Information Society Day (WTISD)** on 28th May 2026 on the theme **"Digital Lifelines: Strengthening Resilience in a Connected World."** The welcome address was delivered by **Dr Vijay Sharma**, Chairman, IETE Jammu Sub Centre, who highlighted the significance of WTISD and IETE's role in promoting technological advancement and providing students with exposure to emerging technologies. **Dr Radhika Khanna**, Hony Secretary, IETE, read out the message of Shri Sunil, President, IETE. **Prof Parveen Kumar Lehana**, HoD, Dept of Electronics, University of Jammu, delivered the keynote address, highlighting the growing importance of resilient digital infrastructure and equitable access to technology. **Maj Gen S K Sharma, AVSM (Retd),** Senior Fellow, IETE, emphasized the need for reliable backup communication systems to ensure connectivity during conflicts and emergencies. **Prof Pawnesh**



Abrol, discussed emerging computer technologies and the applications of AI in daily life, stressing the need for adequate infrastructure and early exposure to AI education. **Prof Rakesh Vaid**, highlighted the importance of strong fundamentals in electronics, the applications of integrated circuits, and the role of resilient telecom networks during crises. **Shri Joy Ganjoo**, briefed the participants on IETE's activities and its role in promoting technical education through seminars, lectures, workshops and symposia. The programme concluded with a vote of thanks by Er Tinny Sawhney, Treasurer, IETE Jammu Sub Centre, who expressed appreciation to the speakers for their valuable insights and contributions.

KALABURAGI

- The Kalaburagi Centre effectively conducted a technical talk at Sharnbasva University, Kalaburagi on **"Advances in 5th & 6th Generation Mobile Communication Systems,"** on 17th Oct 2025. **Dr Lakshmi Patil Maka**, the expert speaker and recipient of the **IETE– Shri P P Malhotra Memorial Award–2025**, and the Chairman of the IETE Kalaburagi Center spoke on the occasion. Her presentation concentrated on the most recent advancements in Fifth Generation (5G) and emerging Sixth Generation (6G) mobile communication technologies, as well as their applications, challenges, and potential future applications in contemporary communication systems. Dr Lakshmi Patil Maka provided an explanation of the evolution of wireless communication technologies, emphasising the importance of high-speed connectivity, artificial intelligence integration, Internet of Things (IoT), ultra-low latency communication, and smart network infrastructures in the development of 5G and 6G systems.

- The IETE Kalaburagi Centre, successfully organized the inauguration of a technical talk on **"Applications of AI in Biometrics"** on 19th Oct 2025. The event was conducted at the Sharnbasva University, Kalaburagi with around 55 participants. The program commenced with a warm welcome to all dignitaries, faculty members, and participants. The event was organized under the leadership of **Dr Lakshmi Patil Maka,** Chairman, IETE Kalaburagi Centre, and Dean, Sharnbasava University, Kalaburagi, who also served as the Organizing Chair. Her guidance played a key role in the successful execution of the event. The highlight of the program was the presence of the distinguished resource person, **Dr Vinita Patil,** an awardee of the **IETE–Smt Triveni Devi Gupta Memorial Award 2025** and Principal of Lingraj Appa Engineering College, Bidar. She delivered an insightful and engaging technical talk on the emerging role of Artificial Intelligence in biometric systems. The program concluded with a vote of thanks by Prof Nirupama N, expressing gratitude to the resource person, organizing committee, and all attendees for making the event a grand success.



KANPUR

- The IETE Kanpur Centre and the Institution of Engineers (India) Kanpur Local Center, IEEE–Uttar Pradesh Section Kanpur, jointly organized **World Telecommunication and Information Society Day** online on 24th May 2026. The theme of the event was **"Strengthening Digital Lifelines for a Resilient and Connected World**." **Prof Narendra Kohli,** Centre Chairman, extended a warm welcome to the participants. The IETE-President message was read by **Prof Raghuraj Singh**, Chairman of IE(I), KLC, and the ITU General Secretary message was read by **Prof J Ramkumar**, Hony Treasurer of the IETE Kanpur Centre. **Dr Raghvendra Kumar Chaudhary**, the Treasurer of the IEEE-UP Section, introduced the guest speaker **Dr Ankita Kumari**, a graduate student member of the IEEE, who is a member of the Dept of Electrical Engineering, IIT Kanpur. The guest speaker addressed the increasing significance of microwave sensing and imaging technologies in digital ecosystems and smart, connected infrastructures. She elaborated on the applications of microwave sensing in biomedical diagnostics, industrial monitoring, structural health assessment, security screening, and non-destructive testing. She stated that microwave imaging is a non-invasive, cost-effective, and safe method for identifying concealed defects and monitoring critical systems in real time. The speaker explained that the most recent advancements in microwave imaging systems, coplanar waveguides, spoof surface plasmon polariton structures, and slow-wave transmission lines are facilitating the development of next-generation sensing solutions. In accordance with WTISD 2026, she underscored the ways in which these technologies enhance the resilience of digital networks, decision-making, and data collection. The talk was followed by an interactive question-and-answer session in which participants talked on the research issues, applications, and prospects of microwave engineering and sensing technology. Hony Secretary, Er Prashant Kumar proposed a vote of thanks.

- The IETE Kanpur Centre, in collaboration with the Department of Computer Science & Engineering (Degree wing) and the Dept of Information Technology at the Dr Ambedkar Institute of Technology for Divyangjan (AITD) Kanpur, conducted technical talk on 27th Sept 2026, on the topic of **"Volatile and Non-Volatile Memory Device for Next Generation Computing." Prof Narendra Kohli**, Centre Chairman, extended a warm greeting to all participants. Subsequently, **Asstt Prof (Dr) Abhishek Prabhakar** introduced guest speaker **Dr Alok Kumar Kamal** to the audience. During the presentation, the guest speaker, gave an overview of memory technologies (volatile/non-volatile) and their significance in next-generation computing systems. The fundamental concepts of biological neurons and synapses were explained, as well as their implementation using electronic devices. The presentation illustrated how advancements in semiconductor technology, neuromorphic circuits, and memory devices can lead to the creation of computing systems that are more energy-efficient, compact, and quicker. The prospective applications of these emerging technologies included intelligent sensing, robotics, artificial intelligence, and other next-generation electronic systems, were also explained. The vote of thanks was given by **Er Srinath Dwivedi**, Asstt Prof and HoD CSE.

KOCHI

- IETE Kochi Centre, in association with the Department of Electronics and Communication Engineering, Universal College of Engineering

(UCE), Vallivattom, Thrissur, celebrated **World Telecommunication & Information Society Day (WT&ISD)-2026** through an online programme on 16th May 2026. The programme commenced with a welcome address by **Mrs Anusree M,** IETE Staff Advisor, UCE, followed by the presentation of the official IETE President's Message by **Dr M V Rajesh,** Chairman, IETE Kochi Centre and Principal, College of Engineering, Poonjar. The keynote address on **"Digital Lifelines: Strengthening Resilience in a Connected World"** was delivered by **Dr Shahnaz K V,** Associate Professor, Veltech University, Chennai. She highlighted the vital role of digital technologies, IoT devices, cloud services and secure communication networks in strengthening resilience during emergencies. She also emphasized their growing importance in supporting critical sectors such as healthcare, education and transportation. The programme witnessed the participation of around 60 attendees and provided an insightful platform to discuss the role of telecommunications and digital technologies in building a more resilient and connected society.

- A detailed technical presentation named **"Emerging Technologies in Telecom and Automation: Mobile, FTTH and Next-Generation Systems"** was conducted at Ramanujan Hall, TocH Institute of Science & Technology (TIST) Arakkunnam on 10th Sept 2026. The occasion was collaboratively organised by the Department of Robotics & Automation and the ECE Dept of Toc H Institute of Science & Technology (TIST), in partnership with the IETE Kochi Centre and the Electronics and Robotics Student Association (ELECTRAA). The technical session was presented by **Dr K Francis Jacob**, ITS, Chairman, IETE Kochi Centre and former Principal General Manager of BSNL, who elaborated on the systematic progression of mobile infrastructure from the initial 1G systems to contemporary 5G implementations, while also examining the current research paradigm aimed at AI-enhanced Radio Access Networks (RAN) in 6G. The presentation addressed essential 5G performance metrics established by IMT-2020 benchmarks, emphasizing frequency bands and primary application scenarios including enhanced Mobile Broadband (eMBB), massive Machine Type Communications (mMTC), and ultra-reliable low-latency communications (uRLLC) in areas such as public safety, smart agriculture, and immersive media. Additionally, the seminar afforded students extensive technical insight into fundamental network layers, encompassing massive MIMO, beam forming, Network Functions Virtualisation (NFV), network slicing, and small cell frameworks. Participants were acquainted with fibre access types such as Fibre to the Home (FTTH), as well as Passive Optical Networks (GPON and EPON), Optical Transport Networks (OTN), and BSNL's Multi-play Aggregation Assurance Network (MAAN), which included protocols like OSPF, MPLS Fast Reroute, and VPLS/VPWS services. The program effectively connected academic theory with real-world engineering practices by directly integrating practical examples from BSNL's national infrastructure, motivating the participating students toward dedicated research and professional paths in telecommunications and automation systems.

KOLKATA

- The IETE Kolkata Centre successfully organized a programme to commemorate **World Telecommunication and Information Society Day (WT&ISD)-2026** on 21st May 2026. The event brought together students, faculty members, and IETE professionals, with more than 65 participants in attendance. The programme commenced with the presentation of the IETE President's Message, which was graciously read out by **Mrs Sharmila Ghosh**, Chairperson, IETE. The message highlighted the importance of telecommunications and digital technologies in fostering innovation, connectivity, and inclusive digital development. As part of the programme, **Prof J K Mandal,** Zonal Mentor (East), delivered a brief overview of WT&ISD-2026. He highlighted the significance of the observance and emphasized the growing importance of advanced communication technologies in shaping a connected and technologically empowered society. The keynote address was delivered by **Dr Saibal Sarkar,** former Deputy Director, National Informatics Centre (NIC). His insightful lecture focused on Quantum Computing, introducing the participants to its fundamental concepts, emerging applications, and potential impact on future technological developments. In recognition of his valuable contribution and enlightening presentation, **Dr Saibal Sarkar** was felicitated by **Ms Sharmila Ghosh** and **Dr Jyoti Sekhar Banerjee**. The felicitation reflected the organizers' appreciation for his efforts in enriching the participants' understanding of an emerging and significant area of technology. The programme provided a valuable platform for students, academics, and professionals to exchange knowledge and gain insights into emerging technologies and their relevance to the future of telecommunications and information society. The entire programme was successfully coordinated and managed by Dr Aniruddha Nag, former Hony Secretary IETE, whose efforts ensured the smooth and effective conduct of the event.



- On **5th June 2026**, the Centre, celebrated **World Environment Day** with great enthusiasm and environmental awareness. The programme witnessed the active participation of faculty members, Chairperson **Ms Sharmila Ghosh** and around 35 students, who joined hands to promote environmental sustainability through a tree plantation drive conducted within the IETE premises. The celebration commenced with a brief address by the **Dr Aniruddha Nag,** FIETE, who emphasized the significance of World Environment Day and the collective responsibility of society towards environmental conservation. Participants planted various saplings and pledged to nurture them, contributing to a greener and healthier future.



MHOW

- The IETE Sub Centre Mhow MCTE organized lecture on **"Agentic AI Fundamentals and Application"** on the occasion of **"IETE World Telecommunication and Information Society Day"** on 16th May 2026. The lecture was delivered by **Shri Sandeep Navale**, SkillUs Pro, Pune at Batra Hall, MCTE Mhow, which was insightful and well received by the student forum members and faculty members of MCTE.

- A guest lecture on **"National & Defence Cyber Architecture"** was organized at Gorishankar Hall, MCTE, Mhow, on 10th Aug 2026. The session was delivered by **Brig Atul Kumar Shukla**. The lecture focused on providing participants with insights into the evolving national and defence cyber architecture and its strategic significance. The speaker shared valuable perspectives on contemporary cyber-security challenges and the importance of robust cyber architecture in the defence domain. The session was informative, insightful and engaging, and was well received by the student forum members and faculty of MCTE. The event contributed meaningfully to enhancing awareness and understanding of emerging developments in the field of cyber security and defence technology.



- Another online guest lecture was organized on **"AI-Enabled Field Robotics: Intelligent Systems for Military Applications"** on the occasion of **Engineers' Day**, and held at Batra Hall, MCTE, Mhow, on 15th Sept 2026. The lecture was delivered by **Dr Suryaprakash, IIIT Allahabad**, who provided valuable insights into the application of artificial intelligence and robotics in military systems. The session was informative and engaging, and was well received by the participants.

- A one-day workshop was conducted by the Sub-Centre on **"Adaptation of Wireless EV Charging System for Autonomous Drone Charging"** at Counter UAS Lab, FCE, MCTE, on 23rd Sep 2026. The workshop was conducted by **Shri Yogesh Likhar,** Research Scholar, VNIT Nagpur, who provided valuable insights into the application of wireless charging technologies for autonomous drone systems. The session was informative and engaging.



MYSORE

- The commemoration of **Independence Day** took place in the IETE Mysore Centre premises on 15th Aug 2026, marked by fervour and national pride. The program assembled the Chairperson and members of the Centre to observe India's Independence Day and pay tribute to the sacrifices of our freedom heroes. The assembly offered a chance for participants to express their opinions, experiences, and insights regarding the importance of Independence Day. On this occasion, the Chairperson recounted her own experiences and insights, emphasizing the significance of patriotism, unity, commitment, and societal duty. She underscored the significance of safeguarding our country's liberty and democratic ideals. Her remarks motivated individuals to collaborate with dedication and enhance the development of the country and the professional sector.



NASHIK

- In the rapidly changing landscape of higher technical education it has become essential for faculty members to remain informed about emerging technologies and effectively incorporate them into their pedagogical practices. Rajarshi Shahu. MVPS's Maharaj Polytechnic, Nashik, in collaboration with the Maharashtra State Faculty Development Academy (MSFDA), Pune, conducted a **One-Week Faculty Development Program (FDP)** entitled **"Leading through Technology"** from May 18th to 22nd May 2026, in recognition of this requirement. The Five-Day Faculty Development Program was meticulously designed to offer a balanced combination of practical, hands-on experience and theoretical knowledge. Distinguished resource persons from academia and industry delivered expert sessions on each day, guaranteeing that participants gained both conceptual profundity and applied insights. The program concluded on 22 May 2026, with a highly inspiring conclusion. **Shri Surajkumar Babar**, who served as the Chief Guest for the event, and graced the valedictory session. Shri Babar provided the participants with motivational insights and shared his valuable expertise, urging the faculty members to adopt technology as an instrument for transformative leadership in education. He emphasized the significance of educators' roles as catalysts of innovation, adaptability to technological change, and continuous learning in his address. Participants found his insights to be both practical and motivating in their professional pursuits.



NOIDA

- A **Faculty Development Program** focused on **Entrepreneurship Development and E-Waste Management** was devised, structured, and executed by **Prof (Dr) Shailesh Mishra** in partnership with NIESBUD,

Ministry of Skill Development & Entrepreneurship. The event took place from 6th-8th June 2026, at the NIESBUD Campus, Noida. The event was solely arranged for Greater Noida Institute of Technology (GNIOT) professors to prepare them to guide students in entrepreneurship and sustainable e-waste management, therefore aiding the vision of a cleaner and greener India. The FDP witnessed the engagement of 19 faculty members from the GNIOT Greater Noida, hailing from disciplines including Electronics, Computer Science, IT, Civil Engineering, and Applied Mechanics.



- A one-day capsule course titled **"Waste to Wealth – E-Waste Management Program"** was conducted by **Prof (Dr) Shailesh Mishra** on 18th July 2026, focusing on raising awareness regarding the escalating issues associated with electronic waste and advocating for efficient, sustainable management practices, while emphasising the significant entrepreneurial opportunities within the sector. The program ended with actionable advice on creating efficient, sustainable E-waste management strategies. Prof (Dr) Shailesh Mishra urged attendees to adopt innovation and entrepreneurship, highlighting that efficient E-waste treatment safeguards the environment while creating jobs and fostering sustainable economic development. Certificates were handed out to all attendees following the successful conclusion of the training.



PILANI

- An expert talk on **"Digital Lifelines: Strengthening Resilience in a Connected World"** was organized on the occasion of **World Telecommunication and Information Society Day (WTISD)** for the ISF members of BKBIET. The programme commenced with an introductory address by **Dr Krishna Meel,** Associate Professor, AS&H, BKBIET, who highlighted the significance of the day and key messages for WTISD 2026. This was followed by an insightful presentation by **Dr Sandeep Joshi,** Associate Professor, Department of EEE, BITS Pilani, on resilient telecommunications, reliable connectivity, and emerging technologies such as 5G and 6G. The programme concluded with the presentation of tokens of appreciation to the resource persons and a vote of thanks acknowledging the support of IETE Pilani Centre and BKBIET management.



PUNE

- IETE Pune hosted the **West Zone Innovation Meet** and the concluding phase of the **National Level Project Competition 2026** on 24th Apr 2026, at DY Patil College of Engineering, Akurdi. A total of 42 projects had been chosen for the concluding round held at Patil College of Engineering, Akurdi, Pune, by 14 hosting institutions in the initial round utilizing a hybrid online format for external participants. MES's Wadia College of Engineering, Pune; DY Patil Institute of Technology, Pimpri Pune; COEP Technological University, Pune; Jaihind College of Engineering, Kuran; K J College of Engineering and Management Research, Pune; JSPM's Bhivarabai Sawant Institute of Technology and Research, Wagholi, Pune; Smt Kashibai Navale College of Engineering, Vadgaon Bk Pune; Marathwada Mitra Mandal's College of Engineering, Karvenagar Pune; Nutan Maharashtra Institute of Engineering & Technology, Talegaon; Rajarshi Shahu College of Engineering, Tathawade; Ajeenkya DY Patil School of Engineering, Lohegaon, Pune; G H Raisoni College of Engineering and Management, Wagholi Pune; Cummins College of Engineering for Women, Pune; Army Institute of Technology Pune; attracted a total of 1,192 registrations, with participants presenting their projects to judges and event personnel. The National Level Project Competition (NLPC) 2026 was organised by a team of coordinators: Dr Rekha Kadam (MES Wadia COE, Pune), Shri Amit Kshirsagar (DYP University, Pimpri), Prof Neelima R Kolhare (COEP Technological University, Pune), Dr Rahul Mulajkar (Jaihind COE, Pune), Dr Pramod Chavan (KJCOEMR, Pune), Dr Yogesh Angal (BSIOTR, Pune), Mrs Sonali Bhosale (SKNCOE, Pune), Shri Swanand D Pasalkar (MMCOE, Pune), Dr Neeta Karhadkar (NMIET, Talegaon), Mrs Swapnalini Pattanaik (RSCOE, Pune), Dr Ankush Kadu (Ajeenkya DYPSOE, Pune), Dr Sarika Khope (GHRCEM, Wagholi, Pune), Dr



Prachi Mukherji (Cummins COE, Pune), and Dr Pragati Rana (AIT, Pune). A total of 92 adjudicators assessed the initial round of projects, which took place at many universities.

- On 23rd May 2026, the IETE Pune Centre celebrated **World Telecommunication and Information Society Day (WTISD)** at Firodia Auditorium, Pune, on the theme **"Digital Lifelines: Strengthening Resilience in a Connected World."** The theme lecture was delivered by **Shri Radheshyam Parmar,** Special Deputy Director General, Department of Telecommunications (DoT), Maharashtra. The event was organized jointly with the Pune Professional Networks of IETE, IEI, IEEE, IET, and ARCP, continuing their collaborative celebration of WTISD for over a decade. The programme was attended by several distinguished dignitaries, including **Dr Sunil Somani,** Chairman, IETE Pune Centre (2025-26)**; Dr D S Mantri,** Hony Secretary, IETE Pune Centre**; Dr Dattatray Bormane,** Chairman, IEI Pune Local Centre and Principal, AISSMS College of Engineering; Er Harshawardhan Devkate, Hony Secretary, IEI Pune Local Centre; **Er Manish M Kothari,** President, IEI**; Dr Amar Buchade,** Chairman, IEEE Pune Section**; Prof Abhijit Khurape,** Secretary, IEEE Pune Section**; Dr Deepak Kshirsagar,** Chairman, IET Pune Local Network; **Dr Gaurav Narkhede,** Secretary, IET Pune Local Network**;** and **Shri Vilas Rabde,** Chairman, ARCP Pune.



SHIVAMOGGA

- The **International Women's Day celebration** was conducted at New CSE seminar hall, Jawaharlal Nehru New College of Engineering (JNNCE), Shivamogga on 13th Mar 2026 to honour and recognize the achievements and contributions of women in academia and society. The program was inaugurated by the dignitaries: Guest of Honour **S N Nagraja,** Secretary of National Education Society (NES), **Rumini Vedavyas**, Director of NES, and the Chief Guest **Dr Vinaya Srinivas**, Executive Director of Subbaiah Group of Institutions. The program was presided by **Dr Y Vijaya Kumar**, Principal of JNNCE, Shivamogga. The event began with a melodious invocation rendered by Dr Deepa V B and Aarthi, creating a pleasant and respectful atmosphere for the occasion. This was followed by a warm welcome address delivered by **Dr Jyothi K,** who greeted the dignitaries, faculty members, and participants. Subsequently, **Dr Poornima K M** presented the Women's Day events report, highlighting the various activities and initiatives organized to celebrate the achievements and empowerment of women. The introduction of the Chief Guest was given by Prathima L, who spoke about the professional accomplishments and contributions of the guest.



SIVAKASI

The **Fourth Techno Blaze** of the academic year 2025-2026 was organised by the IETE Sivakasi Centre at Mepco Schlenk Engineering College on 9th Mar 2026. The IETE Corporate Members of the Centre participated in the panel discussion and initiated subsequent brainstorming on the topic of "**Give to Gain,"** in observance of **Women's Day**. The gathering was welcomed by **Dr T Sabapathi**, Chairman, IETE Sivakasi Centre. Dr J Senthil Kumar, Centre Hony Secretary, introduced the panel members of the day- **Dr W Sylvia Lilly Jebarani**, Prof/ECE and **Mrs S A Radhika**, Asstt Prof /ECE at Mepco Schlenk Engineering College, Sivakasi. The Techno Blaze was attended in person by approximately 30 IETE Corporate members of the Centre and members from adjacent institutions.



Dr W Sylvia Lilly Jebarani examined the concept of "Give to Gain" from the perspectives of academic leadership and professional mentorship. She likely underscored the fact that in the engineering field, the act of sharing knowledge and guiding the next generation of students is not merely a service, but a reciprocal process. **Mrs S A Radhika** focused on the importance of institutional contribution and collaborative growth when she addressed the subject. The memento was presented to the panel members by Dr T Sabapathi, Chairman Sivakasi Centre, in recognition of their valuable contributions. Dr B Vijayakumari, the Hony Treasurer of the Centre, concluded the session with a vote of thanks.

SURAT

- The IETE Student Forum, SVNIT (Sardar Vallabh Bhai National Institute of Technology), Surat, successfully hosted **Codesphere** on 31st Jan 2026**,** a technical event organized with the objective of enhancing students' knowledge, technical skills, and problem- solving abilities. The event provided a platform for participants to showcase their talents,

collaborate with peers, and gain practical exposure to coding and circuit simulation tools.

- On 21st Feb 2026, Surat Sub-Centre organized **Scavenger Hunt 2.0**: It was an exciting and interactive event organized as part of the **IETE Students' Day Celebration** at SCET(Sarvajanik College of Engineering and Technology) Surat. The event promoted teamwork, logical reasoning, and problem-solving skills among students. The event consisted of two competitive rounds designed to test speed, observation skills, analytical thinking, and coordination.

- On 7th Mar 2026, the IETE Surat Sub-Centre commemorated **IETE Women's Day**: The event held at SCET, included three engaging activities—Tech Tambola, Build with Purpose, and Pass the Plot—which encouraged participants to showcase their technical knowledge, creativity, and teamwork. The activities created an interactive and enthusiastic environment, making the celebration both enjoyable and meaningful for the participants.

- The IETE Student Forum, SVNIT successfully hosted **Hertz 11.0**, a technical event held on 31st Mar 2026 with the objective of enhancing students' knowledge, technical skills, and problem-solving abilities. The event provided a platform for participants to showcase their talents, collaborate with peers, and gain practical exposure to coding and circuit designing practically. It included programmes like Flip Flop- CodeFiesta –Mock Interview -Fuse It –Cinevista.

TRIVANDRUM

IETE Trivandrum Centre organised the following talks/presentations by various experts on following days:

(i) The important topic of "**Water-Reduce, Recycle, Reuse & Recharge (3R+ 1)"** was delivered by **Dr Sanju Thomas** on 1st Jul 2026.

(ii) **Dr N Narayana Pillai** expounded on the topic **"Advances in Protection of Coasts and Beaches"** on 8th Jul 2026.

(iii) **"Six Sigma for Engineers and Managers"** was taken up by **Er EJ Francis** on 15th Jul 2026.

(iv) On 22nd Jul 2026 **Prof (Dr) V Rajendra Babu** gave the tricks via his talk on **"Easy Maths for All Ages and Calendar Tricks"**.

(v) **"Renewable, Sustainable Energy Based EV Charging Station"** – a session was given by **Er Aswani P Jayalakshmi** on 29th Jul 2026.

(vi) **Shri Ezhumannil Ravindranath** presented a talk on **"Rural Technology and Onam"** on 5th Aug 2026.

(vii) An interesting talk on **"Aging Well: Simple Habits for a Healthy Life"** was delivered by **Dr G Sashikumar** on 19th Aug 2026.

(viii) The topic of **"Radio Frequency Identification (RFID)"** was examined by the speaker **Dr K Surendran** on 2nd Sep 2026 and later topic of **"Engg Excellence for a Sustainable and Technologically Sovereign India"** on 15th Sep 2026.

(ix) **Dr Aju Saigal** threw light on the topic of **"AI for Common Man"** on 23rd Sep 2026.

(x) The topic of **"Export Import - Business Opportunities and Vizhinjam Advantages"** was analysed by **Shri Rajeev Gopalakrishnan** on 30th Sep 2026.

VADODRA

- IETE Vadodara Centre organized a technical session/ expert talk on **"RF Antenna Design: Concepts, Challenges, and Emerging Applications"** on 12th Aug 2026. The Chief Guest was **Prof (Dr) Jagdishkumar M Rathod**, Professor at BVM Engineering College & Associate Dean, GTU V V Nagar Zone-3, who talked about the recent advancements, key challenges and future opportunities in antenna engineering with a particular focus on the evolving landscape of RF antenna design and its emerging application. The other important dignitaries who attended were: **Shri R P Gupta**, Chairman, **Dr Sorum Kotia**, Vice Chairperson, **Dr Hetal M Pathak**, Hony Secretary, **Shri Sunil Patel**, EC member and Faculty MSU, **Dr Bhavna Pancholi**, EC member and Faculty MSU, **Dr Farah M Pathan**, EC member and Faculty MSU, **Ms Manisha V Mayavanshi**, EC member and Faculty MSU, EC Members and 31 students of Electrical Engineering Department, MSU Baroda.



- The Centre organized a session on **"IETE Student Membership Awareness for Diploma Students"** on 20th Aug 2026 at The M S University Polytechnic, Vadodara, to highlight the benefits of IETE membership in empowering future-ready Electronics and Communication professionals through industry exposure, networking opportunities, and lifelong learning. **Dr Hetal Pathak**, Centre Hony Secretary, and Associate Professor, Parul University, attended the session as the Chief Guest. The event was attended by **Shri R P Gupta,** Centre Chairman**; Shri Gorakh Sharma,** Hony Treasurer; two Executive Committee Members; and five staff members. A total of 43- II & III year diploma students of ECE from M S University Polytechnic participated in the session. The session aimed to create awareness among students about the importance of IETE student membership and its role in enhancing technical knowledge, professional development, and career opportunities.

- The IETE Vadodara Orientation Centre conducted an **industrial visit** to **Aimtron Electronics Limited**, located in Waghodia, Vadodara, on 8th Sept 2026. The visit offered students a valuable opportunity to experience the industrial environment and the practical applications of electronics



engineering. The Aimtron team's interaction with participants facilitated the comprehension of industry-oriented practices and the integration of their academic learning with real-world electronics product development and fabrication. The visit was a valuable educational experience that motivated students to improve their technical knowledge, professional awareness, and comprehension of industry expectations. In addition, the program strengthened the relationship between academia, industry, and IETE.

VIJAYAWADA

- **The IETE Vijayawada Centre**, in association with WOW Light Signal AI Academy, organized an online workshop on **"AI Tools Workshop"** on 25th April 2026.

- The IETE Vijayawada Centre in association with WOW Light Signal AI Academy, organised a five-day FDP on **"AI – Powered Data Visualization using Tableau & Power BI**" from 1st to 5th June 2026.



TECH Corner

QR CODE BASICS

by **Dr Ranjit Singh (LF-019720)**

QR code has become all pervasive, making human life much simpler. Today, even a roadside vendor displays a QR Code, allowing instant cashless payments. India has become one of the world's largest QR Code ecosystems. Emergence of Smart-phones, and Mobile internet enabled its explosive growth. Today, we use it for payments, tickets, websites, menus, attendance systems, advertisements and countless other applications, often without realizing the ingenious engineering behind it.

It can quickly identify and interpret the information embedded in the pattern, hence the name "Quick Response" (QR). Whereas most discoveries/ inventions emanated from R&D labs, the QR Code was invented in the Japanese company M/s Denso Wave -- a subsidiary of Toyota Motor Corporation in 1994 by Masahiro Hara and his team. At that time, Toyota was using conventional barcodes to track automobile parts. The QR Code could store much more information and read from any direction. That, Denso Wave chose not to enforce patent royalties, resulted in its widespread adoption worldwide.

A QR Code is essentially a two-dimensional barcode. The black and white squares represent binary data: Black square → 1 and White square → 0. Information such as Website URLs, Payment IDs, Contact details, Product information, Wi-Fi passwords etc is converted into a sequence of bits and arranged within the square matrix according to a predefined standard. Three prominent squares at the corners are called *finder patterns*, which enable the scanner to determine Orientation, Position, Size & Rotation angle. As a result, the QR Code can be scanned upside down, sideways or at an angle.

The process is surprisingly elegant: The desired information (for example, a UPI payment address) is entered. and converted into binary digits. Then Error-correction data is added, The data is arranged according to QR standards, the resulting matrix of black and white modules is produced. QR's remarkable feature is error correction. Even if part of the QR code is scratched, dirty, torn, or covered, the scanner can often reconstruct the original information. This is why a QR code on a damaged package or poster still remains readable.

Masahiro Hara reportedly drew inspiration from the black-and-white pattern of the board game **Go**, a traditional Japanese strategy game. The arrangement of contrasting squares helped inspire the design that later became the QR Code. Thus, a technology originally developed to track automobile components in a factory evolved into a global digital gateway, enabling billions of transactions every day. It is a wonderful example of how a practical engineering solution can eventually reshape society itself.

IETE Students' Forum (ISFs) Activities

IETE is pleased to share that the current number of IETE Student Forums (ISFs) across the country stands at 462. The steadily growing membership reflects the increasing interest and commitment of institutions towards engineering excellence and professional development. Each ISF is making commendable efforts by organising a variety of technical activities, workshops and engaging competitions at the departmental level, providing students with valuable opportunities to showcase their skills, knowledge and competencies. The following ISFs have actively conducted various activities during the review period, demonstrating their enthusiasm and commitment towards fulfilling the vision, objectives and mission of their respective institutions and IETE.

- **ISF** at ECE Dept, **Manav Rachna University (MRU), Faridabad, Haryana,** organized the following activities: ***(i)*** A seminar titled "Innovation Validation – Transforming Ideas into Startups" on **July 23, 2025**. The seminar sought to assist students in comprehending the process of converting unique concepts into feasible startup enterprises via effective validation methods, market analysis, and strategic development. The seminar was facilitated by Prof Charu Pathak, who instructed students on cultivating an entrepreneurial attitude and refining their creative thinking abilities. ***(ii)*** An engaging session focused on Entrepreneurial Spirit took place on **Aug 14, 2025**, led by Shri Piyush Keshav, CEO of Readfirst and Founder of Orison Education India Pvt Ltd The objective of the workshop was to stimulate students' interest in entrepreneurship, urging them to pursue creative career avenues in electronics and communication engineering other from standard placements. Shri Keshav narrated his evolution from an ECE graduate to an innovative entrepreneur, describing the inception of Orison Education in 2016 from a garage in Bihar to a countrywide effect. He unveiled the SMILE model (Self-Motivated Intelligent Learning Environment), a teaching methodology that encourages self-directed learning through facilitated mentorship, underscoring the importance of independent study and technological advancements like AI, AR, and IoT in education. His observations regarding resilience, inventive reasoning, and the fusion of engineering

with societal effect energised students and teachers to seek atypical career paths that combine technology and educational reform. ***(iii)*** An exciting event, IDEAHACK 2025, was organised on **Oct 15, 2025**, with the objective of improving the problem-solving and critical thinking abilities of students. The event encouraged students to think creatively beyond conventional boundaries by providing a platform for them to present their innovative ideas and solutions to real-world challenges. Dr Charu Pathak, the coordinator of the ISF, assessed the participants' concepts on the basis of innovation, feasibility, and impact, utilising her entrepreneurial acumen and expertise. Students were inspired to refine their ideas and pursue careers in electronics and communication engineering that were driven by innovation by her invaluable feedback and motivating words. ***(iv)*** On **Nov 20, 2025**, the IOTNOVA-2025 competition was conducted to exhibit the skills of design and creativity. The event was intended to foster students' ability to apply technical knowledge to real-world problem statements, collaborate effectively, and think critically. The event was attended by approximately 25 enthusiastic students. In order to optimise peer learning and teamwork, participants were randomly assigned to groups. Each team was encouraged to investigate innovative IoT-based concepts that prioritised practical applications and societal implications. ***(v)*** MRU's Innovation Council (IIC) and ISF effectively organised "Techfusion 2026" at Manav Rachna University as part of the School Connect Program. This event served as a dynamic platform to motivate young minds to pursue science, technology, and innovation. 25 pupils from Grade 6 to Grade 8 of Manav Rachna International School (MRIS), Sector 14, participated in the event on **Feb 11, 2026**. They participated in interactive demonstrations and hands-on activities. Students were exposed to sophisticated concepts through live demonstrations of 3D modelling, a Pick and Place Robot that illustrated automation principles, a brain-signal-based device (Braisense) that underscored the integration of neuroscience into technology, and an Electric Vehicle that MRU students devised to emphasise sustainable engineering solutions. The workshop was both educational and highly impactful, as it provided young learners with meaningful exposure to emerging technologies, encouraged problem-solving skills, promoted innovation-driven learning, and fostered early interest in STEM professions. MRIS coordinators were: Ms Ruchi Dhir and Ms Kanika Malhotra. Workshop support was led by: Dr JP Sharma, Dr Piyush Charan, Shri Devendra Thapa, and Shri LN Joshi. IETE Student Forum Coordinators were: L Ganagadhar Reddy, K Teja, Hari Charan, K Gowtham, and B Keshava Reddy. ***(vi)*** On **Feb 26, 2026**, a workshop on "EEG and Brain Signal Acquisition using Brainsense" was effectively conducted at MRU as part of the School Connect Program. The session provided a comprehensive introduction to brainwave signals, electrode placement, and real-time EEG data capture. Participants were actively involved in hands-on activities, including device setup, signal acquisition, and visualization of brain signals. ***(vii)*** The **Apr 2, 2026,** E-Portfolio PowerUp event, helped students construct and improve their professional digital portfolios. Participants were taught how to use modern platforms to display their skills, projects, successes, and experiences. It promoted innovation, self-branding, and structured academic and technical presentations. The resource person was Shri Sachin Kumar**.** ***(viii)*** On **Apr 16, 2026** a workshop on "Power BI Dashboard Mastery" for undergraduate engineering students under the School Connect Programme was planned. The resource person Shri Sachin Kumar, provided a comprehensive introduction to data visualization and business intelligence using Power BI, including dashboard design principles, data modelling, and effective presentation of insights. Participants were actively involved in hands-on activities, such as creating interactive dashboards, transforming raw datasets into meaningful visuals, and exploring key features of Power BI for real-time data analysis.

- **ISF** at **DY Patil Education Society,** Deemed to be University, **School of Engineering and Management, Kasaba Bawada, Kolhapur,** organized an expert session on "GATE Awareness Program & Preparation Strategies" under its ISF Chapter on **Oct 07, 2025**. Shri VRDM Kausik Agastyaraj, Faculty, ACE Engineering Academy, shared insights on GATE preparation. The event was graced by Hon'ble Dr Ajit S Patil, Director, DY Patil, Deemed to be University, and coordinated by Ms Pallavi V Hatkar, Head, E&TC Department, and Dr Rajshekhar Koyedda, Faculty Coordinator. ***(ii)*** The Electronics & Telecommunication Department organized a three-day workshop on "Raspberry Pi and IoT Automation" on **Jan 7–9, 2026**. Shri Pravin Mohite, Co-Founder, Aptron Tech, Satara, provided hands-on training in Raspberry Pi hardware and software, IoT concepts, sensor interfacing, and automation applications. The event was graced by Hon'ble Dr Ajit S Patil, Dir, D Y Patil Deemed to be University, Kolhapur, and coordinated by Ms Pallavi V Hatkar, HoD, E&TC Department, and Mrs Trupti S Sonawane, Faculty Coordinator. ***(iii)*** The ET Department organized a workshop on "Patent Filing and Prototype Building" **Mar 07, 2026**. Shri Juber M Mulla, Asstt Prof, DYPSEM, provided insights into patent filing procedures, documentation, and prototype development, encouraging students to transform innovative ideas into practical, legally protected products. The event was graced by the Hon'ble Director of the Deemed to be University, Kolhapur, and coordinated by Ms Pallavi V Hatkar, HoD, E&TC and Dr Manisha B Sutar, ISF Coordinator. ***(iv)*** An expert lecture on "Microprocessors & Microcontrollers: The Backbone of Modern Electronics" was organized by the ISF at ET Dept on **Mar 27, 2026.** Mrs Dipti Chavan, Asst Prof, E&TC Department, TKIET, Warananagar, discussed processor architecture, interfacing, embedded systems, automation, and IoT applications, highlighting their industrial relevance through practical examples. The event was graced by Hon'ble Dr Ajit S Patil, Director, D Y Patil Deemed to be University, Kolhapur, and coordinated by the HoD, E&TC and the ISF Coordinator. ***(v)*** A one week value added course on "Fundamentals of Electronics and Telecommunivcation Engineering" was held during **July 13-17, 2026**. Ms Pallavi V Hatkar and Ms Prachi P Shinde delivered the lecture of basic electronic components and conducted hands-on session on circuit design. Mrs Trupti S Sonawane and Dr Manisha B Sutar delivered the fundamentals of digital logic gates, Boolean expressions, combinational circuits and conducted hands-on session on Logisim software. Mr Juber S Mulla conducted basics and hands-on session on Arduino. Dr Aarti A Chavan and Mrs Sana FAmin conducted basics of communication engineering and hands on sessions on communication kits. Dr Rajendra Bhosale conducted basics of Python, installation and programming. ***(vi)*** An educational visit to All India Radio (Akashwani), Kolhapur Studio and Transmitter Station, Panhala, was organized on **Aug 19, 2026** for II Yr 69 E&TC students, accompanied by three teaching and two non-teaching staff members. Shri Saraf, Senior Engineer, and Dr B S Kamble provided practical insights into studio operations, audio recording, live broadcasting, modulation, RF transmission, antenna systems, and signal monitoring. The visit was graced by Hon'ble Dr Ajit S Patil, Director, D Y Patil Deemed to be University, Kolhapur, and coordinated by Ms Pallavi

V Hatkar, Head, E&TC Department, along with Ms Trupti S Sonawane, Shri Juber S Mulla, and Dr Manisha Sutar, faculty members, and Ms Samruddhi and Shri Abhishek Parit, non-teaching staff members. ***(vii)*** A one-day workshop on "Technical Skill Development for Final-Year BTech. E&TC Students" was organized on **Aug 21, 2026**. Shri Juber S Mulla and Mrs Priyanka Ashok Powar, E&TC Department, DYPSEM, delivered lectures on design engineering, embedded firmware, PCB design, and analog and digital design tools, emphasizing technical skills and placement readiness. On the same day, a seminar on "Writing a Project Synopsis: A Step-by-Step Guide" was conducted by Dr Aarti A Chavan, Asstt Prof, E&TC Department, DYPSEM, highlighting the structure, essential components, and effective presentation of a project synopsis. ***(viii)*** An expert lecture was conducted on the topic of "RISC-Based Microcontrollers: Architecture, Programming, and Applications" on **Sept 02, 2026**, was delivered by Ms Swapnali S Desai, Asstt Prof, ETE at DY Patil College of Engineering and Technology, Kasaba Bawada, Kolhapur. Her topics included RISC functional blocks, programming concepts, instruction execution, and embedded-system. The important dignitaries attended were Hon'ble Dr Ajit S Patil, Dir, DY Patil Deemed to be University, Kolhapur, Ms Pallavi V Hatkar HOD, E & TC Dept, Ms Dr Manisha B Sutar, ISF Co-Ordinator, E&TC Dept and Dr Aarti A Chavan, Asstt Prof A total of 27 students and one faculty member participated. The session enhanced students' conceptual understanding and awareness of practical applications of RISC-based microcontrollers. ***(ix)*** A guest lecture on "GATE Preparation & Career Opportunities" was arranged on **Sept 10, 2026**. The guest Dr B S Kamble, Senior Broadcast Engineer, All India Radio, Kolhapur, guided students on the GATE pattern, syllabus, preparation strategy, time management, higher education, PSU recruitment and technical careers. Important dignitaries attended were -Hon'ble Dr Ajit S Patil, Director, Deemed to be University, Kolhapur, Ms Pallavi V Hatkar, Mrs Trupti S Sonavane, Ms Dr Manisha B Sutar, ISF Co-Ordinator. The interactive session was attended by 120 students. On the same day a guest lecture on "Embedded System and RTOS" was conducted by the resource person Shri Niyaj Shabbir Nadaf, Asst Prof, ADCET, Ashta. He delivered an informative and industry-oriented session covering the fundamentals of Embedded Systems and Real-Time Operating Systems (RTOS), along with their advanced applications. Knowledge.

- The **ISF** at **Kamaraj College of Engineering and Technology (KCET) in Virudhunagar, K Vellakulam, SPGC Nagar, Tamil Nadu,** conducted a hands-on-workshop on ML/DL/AI applications featuring project demonstrations on **Oct 10-11, 2025**. The presenters included: Shri M Tamizharasan, Shri S R Gibson, and Pantech E-learning from Chennai. ***(ii)*** A guest lecture titled "Expected Skills from Core companies" for faculty members was conducted on **Nov 07, 2025.** The representative was Shri Vinayakam Chellappan, Founder of Rbee and Scientia, located in Bangalore. On the same day, Shri Raj Bharath, Analytics Leader at Cisco Systems, conducted a guest lecture for students on "Expected Skills from Core Companies." ***(iii)*** A brain teaser contest was organised on **Apr 1, 2026**, and overseen by Mrs P Muthumari, Asstt Prof in the ECE Dept at Kamaraj College of Engineering and Technology. ***(iv)*** An InnovX project competition for III-yr ECE-A students was conducted on **Apr 13, 2026**, by Ms Priyadharshini Pandiajothi, IT Analyst, Tech Lead at TCS. ***(v)*** The InnovX project competition for III ECE-B students took place on **Apr 16, 2026**, and was organised by Er Uvaraj, a System Engineer at Selva Engineering and Automation.

- **ISF** at E&TC Dept, **Bhivarabai Sawant Institute of Technology (BSIOTR), Wagholi, Pune**, **Maharashtra,** conducted ***(i)*** a one-day Faculty Orientation Program on "Control Systems" on **Jan 7, 2026.** Dr D S Bormane, a former member of the IETE Governing Council, addressed the participants and encouraged them to ensure that they were adequately prepared for the subject matter. He had prioritised the utilisation of reference books during the instruction of the subjects. Additionally, while instructing the subject, he prioritised diligence and intelligence. Important dignitaries attended include: Dr B D Jadhav, Member, BoS Electronics and E&TC; Dr T K Nagaraj, Principal, BSIOTR; Dr Y S Angal, Convenor and HOD, E&TC; Dr D B Salunke; Dr M P Potdar; Dr S O Rajankar; Dr Vaishali G Raut;, Dr A L Wanare; Dr C S Patil; Dr H A Wani and Mrs Poonam Gawade-ISF Coordinator of Institute. ***(ii)*** A session on group discussion was organized for students on the topics "Impact of 4G/5G on Society" and "Is Technology Making Humans Less Social" on **Feb 12, 2026**. The speakers were Dr Yogesh S Angal & Dr Anil L Wanare. ***(iii)*** The **c**elebration of Marathi Bhasha Gaurav Diwas was observed on **Feb 28, 2026** and attended by Dr Yogesh Angal, Dr Anil Vanare, Dr Hemant Vani, Prof Poonam Gawade, Prof Priyanka Mahajan. ***(iv)*** Women's Day celebration was organised on **Mar 8, 2026** in the presence of Dr T K Nagaraj, Principal, BSIOTR, Dr Y S Angal, HOD (E&TC), Asstt Prof Poonam Gawade-the Coordinator, Asstt Prof Priyanka Mahajan, Asstt Prof Monika Rani, Asstt Prof Amarja Patil, and Asstt Prof Sandhya Madhuri.

- The Dept of Electronics & Telecommunication Engineering at **KK Wagh Institute of Engineering Education and Research (KKWIEER), Nashik,** along with the IETE Nashik Sub-Centre, conducted the following activities from January to August 2026: ***(i)*** An expert lecture on the 'Interaction of Placed Students by Placed Students of 2025-26' (Final Year placed students) on **Jan 10, 2026.** ***(ii)*** A presentation by Shri Nilesh J Suryavashi, Principal Solution Architect at Tech Mahindra, Pune, regarding 'Industry 4.0 (Opportunities and Challenges)' was organised on **Jan 17, 2026**. ***(iii)*** An expert lecture on 'Interview Skills Orientation' presented by Ms Amandeep Kaur from Greenbills Technologies Pvt Ltd on **Jan 24, 2026**. ***(iv)*** A specialized lecture on the **'Fundamentals** of Digital Profiling' by Mrs Vaishali Gawhankar, Director, Gyanmudra Solutions Pvt Ltd, Thane, on **Jan 30, 2026**. Another presentation on 'Digital Profiling' by Mrs Vaishali Gawhankar, was organized on **Jan 31, 2026**. ***(v)*** An expert discourse on 'Avant-garde developments in artificial intelligence, encompassing Generative AI, RAG-based conversational agents, intelligent systems, and industrial automation in AI' by Shri Sachin Vaishnav, Co-Founder and Chief AI Architect at Combat Solutions, was arranged on **Mar 7, 2026.** ***(vi)*** The expert lecture on 'Agentic AI: Building AI that Thinks, Plans and Acts' by Shri Shrikant Gond (Technology Lead, Avalara Inc.) was conducted on **Jul 18, 2026**. On the same day another expert lecture on 'How to become an industry ready Embedded Engineer' by Shri Prashant Salunke, Sr. Manager, GOGATE Electrosystems Pvt Ltd, Nashik, was arranged. ***(vii)*** An expert lecture on 'Team Building' by Dr Shalmali Gadge, HR Trainer and Consultant, was organized on **Jul 20, 2026**. ***(viii)*** Next expert lecture was on 'Cyber Security tools' by Shri Tanmay Diksheet, Cyber consultant, Security Researcher, Cyber Sanskar, Nashik, on **Jul 27, 2026**. And on the same day another expert lecture on 'Xilinx 7 series FPGAs' was delivered by AMD Certified Trainer, Coreel Technologies. ***(ix)***Another expert lecture on 'Semiconductor Ecosystem' by Dr Shankar Kesharwani (R&D Engineer, KAYNES, Ahmedabad, was held on **Aug 1, 2026**. ***(x)*** A lecture

on 'Team Building' by Shri Shrikant Karode, Former GM, Cororate IT, Crompton Greaves, was organized on **Aug 3, 2026**. ***(xi)***A lecture on 'The modern data engineer & guide to AI & Machine Learning' by Shri Kiran Navale, L&T Edutech, was held on **Aug 8, 2026**. And on the same day another lecture on 'Emerging Technologies' was given by Shri Sunil R. Patil, SAP Project Manager, Infosys. ***(xii)*** A lecture on 'Mastering soft skill and Professional Presence' by Ms Amandeep Kaur, Associate, Green bill technology, was on **Aug 17, 2026**. ***(xiii)*** A one-week Faculty Development Program (FDP) titled 'AI-Driven Autonomous Systems' Integrating MBSE, Gen AI, and Robotics in MATLAB & Simulink was successfully organized and conducted from **Sept 21-26, 2026**. The program took place at the ME Lab in the Department of Electronics & Telecommunication (E&TC). A total of 42 faculty participants actively attended the FDP. Designed for faculty and industry professionals, the workshop focused on equipping educators and researchers with modern Simulation workflows, autonomous robotics techniques, and Model-Based Systems Engineering (MBSE) methodologies using MATLAB and Simulink. All participants received e-certificates upon successful completion of the course.

- The **ISF** of the E&TC Department, **Guru Gobind Singh Polytechnic (GGSP), Nashik,** organised various technical and entrepreneurial activities during 2026. An Entrepreneurship Quiz Competition was conducted on **Jan 13, 2026,** for 70 final-year diploma students, followed by a lecture on the National Innovation and Startup Policy (NISP) for students on **Feb 13, 2026**. On **Feb 20, 2026**, 45 students visited the Giant Metrewave Radio Telescope (GMRT), Pune**,** to gain insights into radio astronomy and the role of electronics engineering in astronomical observatories. A State-Level Project Competition, TechnoBrain-2K26**,** was organised on **Mar 14, 2026**, with 44 groups from the EJ Department and a target participation of 177 students. Further, a workshop on "Drone Technology: Theory to Flight" was conducted from **Jul 6–8, 2026**, for students and faculty members across programmes. The workshop was attended by 27 participants, comprising 14 students and 13 staff members. The training was imparted by Shri Amit Thool, Founder and MD, Dalvik Innovex Pvt Ltd, Mumbai, and Shri Gaurav Singh, MD, We Can - an educational organization, Mumbai. Mrs S V Karande, HoD, E&TC Department, was the Overall Coordinator, and Shri R S Taday, Lecturer, E&TC Department, was the programme coordinator.

- Under the direction of Prof Kanchan Bakade and Dr Sonal Parmar, **ISF** at the Department of ETE, **Mukesh Patel School of Technology Management & Engineering (MPSTME), Mumbai**, arranged for third-year students to visit Doordarshan Kendra (DDK), Worli, Mumbai, on **Jan 23, 2026**. It offered insightful information about the entire broadcast chain, which includes signal capture from light and sound, processing via MPEG compression, modulation into radio-frequency signals, and radiation via antennas. Acoustically designed studios were located in the Production Suite and Studio Complex, where content creation occured. Engineers could remotely manipulate parameters by connecting professional broadcast cameras with CCD/CMOS sensors to the Camera manipulate Unit via fiber-optic or Triax connections. The production control panel which controled and transmited live audio feeds and synchronised program flow, was located in the production control room. By combining distinct audio and video signals into a unified HDSDI stream, an audio-video embedder ensured precise sound and picture synchronisation across the broadcast chain. Students learned about the difficulties in transmitting high-data-rate signals in the Transmission & Broadcasting Section. Digital Satellite News Gathering systems were used for live reporting from remote places, allowing spot broadcasts straight from the field. Because DDK had a 1+1 redundancy, in which a backup system takes over right away in the event of primary equipment failure, the visit underscored the significance of system reliability. The continuous shift from analogue to digital terrestrial television was also covered, with a focus on effective spectrum usage and the capacity to support more channels. On **Feb 20, 2026**, there was another session talk called "Ignite 1.0" with eminent experts from the engineering and finance fields. The FinTech sector was examined as a quickly developing area where data, engineering, and intelligent systems combined to transform the financial services industry. Digital payments, intelligent automation, secure transaction systems, and data-driven financial decision-making were just a few of the areas where technology was bringing about significant changes. Shri Bhavesh Lakhani expounded on "Can AI Help Young People Make Better Money Decisions Earlier?" while Shri Indranil Chandra discussed "Hyper-Personalization in Financial Products." On **Apr 14, 2026**, U'Lectro 2026, was organized as a national-level project showcase event, aimed at fostering innovation, technical excellence, and real-world problem-solving among students. Chief Guest was Shri Ranjan Kumar Rath, the Executive Director at IDBI Bank. 131 participants, including 50+ external showcased their innovative solutions addressing real-world challenges. U'Lectro 2026 featured three major domains: ***(i)*** *Social Innovations (Software + Hardware):* This domain focused on developing technology-driven solutions for real-world societal challenges. Projects in this category integrated both hardware and software to address issues related to accessibility, healthcare, environment, and public safety. ***(ii)*** *AR/VR & Computer Vision Applications (Software):* This domain emphasized the use of immersive technologies and intelligent visual systems to create interactive digital experiences. Projects involved computer vision, augmented reality, virtual reality, and AI-based image processing. ***(iii)*** *Automation & Smart Systems (Hardware):* This domain focused on intelligent systems designed to operate with minimal human intervention using sensors, controllers, and automation technologies. Projects included smart automation systems, robotics and embedded solutions that demonstrated efficiency, precision, and real-world industrial applications. They were judged by Shri Nilesh Khanolkar**,** the Founder and CEO of M/s Synergy Connect, Shri Salvin Sivaraman, GM at IDBI Bank, Shri Aditya Mudaliar, the founder of my advice, Shri Mehul Hirani, the Founder and Director of M/s Studio V Sync LLP, Dr Amit Chaudhari, Assoc Director and Head – MEP & Infrastructure – India, KPM Engineering Consultants and Shri Parag Momaya, the CEO and director of New Fire Engineers Pvt Ltd Several impactful projects were presented, including solutions such as smart assistive systems for visually impaired individuals, automation-based systems, and advanced computer vision applications. These projects highlighted the ability of students to integrate theoretical knowledge with practical implementation to solve real-world challenges. The competition featured a prize pool of ₹40,000+ along with hampers worth ₹50,000+.

- **ISF** at **Birla Vishvakarma Mahavidyalaya (BVM) Engineering College, Vallabh Vidyanagar (VV Nagar), Gujarat,** organized ***(i)*** an expert seminar on "Industrial Internet of Things (IIoT)" on **Jan 28, 2026** with the objective of familiarizing students with emerging trends in Industry 4.0 and smart industrial technologies. The seminar was

delivered by Er Vishal Vadher from SOFCON India Pvt Ltd, Ahmedabad, who shared his industrial expertise and practical exposure in the domain of automation, smart manufacturing, and digital industrial systems. The session provided valuable insights into how IoT is transforming traditional industries through real-time data acquisition, connectivity, analytics and intelligent decision-making. The speaker guided students on the skills required by industry, relevant certifications, and how engineering students can align their academic projects with industrial requirements. The seminar was coordinated by Dr Deepak Vala along with the **ISF**–BVM faculty team, ensuring smooth organization and effective student engagement. ***(ii)*** Another seminar was organized on "Artificial Intelligence Made Simple" on **Jan 30, 2026** with the objective of introducing students to fundamental concepts of AI and its practical relevance in everyday life and engineering careers. The seminar was delivered by Shri Vipul Niranjan Upadhyay, an alumnus of BVM Engineering College and a senior database administrator with extensive professional experience in the United States. The speaker discussed everyday applications of AI. The session was interactive, with students actively participating in discussions and asking questions related to career opportunities, skill development, and the future scope of AI. The seminar successfully created awareness and curiosity among students regarding AI technologies. Digital certificates were announced for all registered participants. The seminar witnessed enthusiastic participation from students, making the event informative and impactful. ***(iii)*** An industrial visit to Bacancy Technology Pvt Ltd, Ahmedabad and Circuit Systems (India) Pvt Ltd (PCB Power), Gandhinagar, was organized on **Jul 22, 2026** for the students of the Electronics Engineering Department. 23 students participated in the industrial visit. ***(iv)*** A talk on "Vishwa Bandhutva Divas – A Celebration of Universal Brotherhood" was held on **Sept 9, 2026** with the objective of creating awareness among students about the importance of universal brotherhood, unity, peace, equality, and mutual respect. The talk was delivered by Dr Maunas Thaker, Asstt Prof at H M Patel Institute of English Training & Research. He explained the importance of universal brotherhood in a simple and relatable manner and discussed the values of unity, mutual respect, peaceful coexistence, and social harmony. The session helped students understand how respecting different people and working together can contribute to building a peaceful and progressive society. 45 students attended the event.

- **ISF** at ECE Dept, **LD College of Engineering, Ahmedabad (LDCE), Gujarat,** conducted ***(i)*** an Arduino workshop, followed by hands-on practical session, on **Jan 31, 2026** at Embedded System Lab, EC Department, LDCE-**ISF**. Experts included: Prof Priti Muliya, Prof Sima Gonsai and Prof Dhaval Patel. 40 students participated in workshop. ***(ii)*** The quiz in the 'Quiz Hustle' Season 1 series, focused on current affairs and current news on **Feb 1, 2026** in EC department. The session saw enthusiastic participation of 38 students. ***(iii)*** 'TECH TUSSLE 2.0', a flagship technical debate competition designed to foster analytical thinking, technical depth, and articulate debate skills among engineering students was organized on **Aug 13, 2026**. The event aimed to bridge technical knowledge with persuasion, challenging teams to deliver logical, evidence-based technical arguments under strict time constraints. Students debated on a range of contemporary technical and policy motions. 33 students participated, 3 winners were given prizes. ***(iv)*** 16 students visited Science City from LDCE ISF on world ozone day celebration under IETE Ahmedabad Centre banner on **Sept 16, 2026**. Prof (Dr) Dhaval Patel coordinated from LDCE during the visit. Students had a wonderful experience & knowledge by thematic gallery like Astronomy, Robotics and Aquatic gallery.

- **ISF** at Dept of E&TC, **AISSMS College of Engineering (AISSMSCOE), Pune, Maharashtra,** an active **ISF** organized the following activities: ***(i)*** An expert session on "Use of Smart Resources and AI Tools for Programming Development" on **Feb 3, 2026**. Shri Rahul Ahire, Director, Linkcode Technologies Pvt Ltd, Pune, served as the resource person. The session familiarized students with the application of AI tools in code development, debugging, and problem-solving, emphasizing their role in improving programming efficiency and the importance of their responsible use. The programme was coordinated by Mrs C D Rananaware and Dr S B Dhonde of the Dept of Electronics and Telecommunication Engineering for II-Year students of VLSI & DT and E&TC programmes. ***(ii)*** The Department of Electronics and Telecommunication Engineering, celebrated International Women's Day on **Mar 9, 2026**, to recognize women's contributions to education and society. Mrs Shikha Pachouly, poetess, digital creator, and Assistant Professor in the Computer Department, shared inspiring thoughts and poetry on the integration of creativity and technical knowledge. Dr R R Itkarkar, Innovation Ambassador and Associate Dean, Innovation, Incubation and Entrepreneurship, delivered a presentation on innovation and funding schemes for women. Women faculty members and non-teaching staff were felicitated in recognition of their contributions. A student appreciation segment featured messages collected through a survey expressing gratitude to faculty members. The celebration concluded with a cake-cutting ceremony and a vote of thanks. ***(iii)*** The Dept of ETE, in collaboration with the AISSMS COE IETE Student Forum and the Amateur Radio Club of Pune (VU2RCP), organized a technical workshop and guest lecture on "Introduction to Ham Radio – Hands-on Learning and Demonstrations" on **Mar 10, 2026**. Shri Vilas Rabade, a Ham Radio specialist, introduced students to radio frequency bands, antenna fundamentals, digital modes, and the role of amateur radio in emergency communication when conventional networks fail. Live demonstrations of radio equipment provided practical exposure to amateur radio operations. Students were also briefed on the club's activities, including its participation in Science Day 2026 from GMRT, Khodad. Prof S B Dhonde, Head of the E&TC Department, and Dr D S Bormane, Principal, were among the dignitaries present. The programme concluded with an interactive question-and-answer session. ***(iv)*** The Dept of ET, in collaboration with the **AISSMS COE ISF** and Amateur Radio Club of Pune (VU2RCP), organized a technical workshop titled "Introduction to Ham Radio"; A total of 57 enthusiastic students from the E&TC department participated in the workshop. Following the theoretical sessions, students were divided into groups for a practical, hands-on activity where each team successfully built a basic Yagi-Uda antenna from scratch. The workshop concluded with a technical testing phase where the Standing Wave Ratio (SWR) parameters of the newly built antennas were measured and verified using a Vector Network Analyzer (VNA). The event was successfully coordinated by student organizers Shreeyash Mahatme and Yajuvendra Ghatage, under the guidance of Faculty Coordinators Dr R R Itkarkar Navale, Faculty Advisor, AISSMSCOE, IEEE & Mrs Vaishnavi.

- ISF at **St Francis Institute of Technology (SFIT), Borivali, Mumbai**, organized a Research Paper Guidance Seminar with the

objective of familiarizing students with the fundamentals of research paper writing by Dr Anjali Chaudhari and Dr Jayasudha Koti on **Feb 6, 2026**. The seminar provided valuable tips on research methodology, paper structuring, citation practices and publication processes. The speakers elaborated on topic selection, organization of content, ethical research practices and common mistakes to avoid while preparing research papers. Ms Shilpa Chaman & Shri Purva Daundkar coordinated.

- **ISF at IT Dept, Dharmsinh Desai University (DDU), Nadiad, Gujarat, o**rganized ***(i)*** a lecture on "Recent Trends in AI & ML: Opportunities, Challenges, and Innovations" on **Feb 14, 2026**. In the expert session by Dr Hiren Modha, Master Trainer at Edunet Foundation, the valuable insights on cutting-edge developments such as deep learning, generative AI, explainable AI, and multi-modal systems were shared, while the speaker also addressed critical challenges including data privacy, model bias, scalability, and ethical considerations. The session provided a comprehensive understanding of emerging opportunities for research and real-world applications across domains like healthcare, cyber security, and smart systems, emphasizing the importance of responsible innovation in the evolving AI landscape. 45 participants attended. On the **same day** the ISF conducted a workshop on "AWS Containers & CI/CD" led by Nisarg Pipaliya, Software Engineer, IGNOSIS Graphic, who guided attendees through key concepts of containerization using AWS services and the implementation of Continuous Integration and Continuous Deployment (CI/CD) pipelines. The workshop emphasized real world applications, enabling participants to understand how to build, test, and deploy scalable applications efficiently using cloud infrastructure. This saw participation of around 21 members. ***(ii)*** A workshop on "AWS RDS & EC2 Integration," was conducted online on **Feb 21, 2026** by **DDU-ISF** by Nisarg Pipaliya, who demonstrated how to effectively connect AWS EC2 instances with RDS databases to enable secure and efficient data-driven application development. The workshop emphasized hands-on learning, covering essential concepts such as instance configuration, database connectivity, security groups, and access management. The session provided a clear understanding of how AWS services can be integrated to build reliable and scalable systems, making it highly beneficial for students interested in cloud computing and backend development. 20 attendees participated. ***(iii)*** The event on "AWS: Frontend Deployment with AWS Amplify & Cloud Front" held on **Mar 07, 2026**, provided participants with valuable insights into deploying modern frontend applications using cloud technologies. The session was led by Shri Harshavardhansinh Jadeja, a DevOps Engineer from Tech Holding, who demonstrated practical approaches to hosting, managing, and optimizing frontend applications using AWS Amplify along with Cloud Front for content delivery and performance enhancement. The workshop emphasized hands-on learning, covering key aspects such as deployment workflows, environment configuration, HTTPS setup, and caching mechanisms. 21 participated.

- The Annual function, Oscillations-2026 was inaugurated on **Feb 16, 2026** by Chairman Dr Shivaji Ghungard in the presence of Dr Sangeeta Joshi, Principal of the **ISF Vidyalankar Institute of Technology (VIT), Mumbai**. The event provided a platform for technical competitions, workshops, expert talks and team-based activities that enhanced practical knowledge and leadership skills. The event encouraged students to explore emerging technologies and strengthen industry-oriented competencies. It also promoted teamwork, communication, and innovative thinking among participants. Through such initiatives, the IETE student forum strives to nurture future-ready engineers and create a vibrant technical culture within the institute. Dr Suvarna Bhise, Hony Secretary gave overview of the activities and initiatives planned. Dr Dattatray Bade, IETE Coordinator, VIT proposed the vote of thanks.

- The **ISF** of the Electrical Engineering Department, **MVPS Rajarshi Shahu Maharaj Polytechnic College**, **((MVPS RSMPOLY), Nashik, Maharashtra,** organised various activities during July–September 2026. ***(i)***A guest lecture on "Limitless Brain, Limitless Happiness: Inner Engineering" was delivered on **Jul 23, 2026**, by Shri Chandrakant Malu Manchare, Retired Deputy Commissioner, State Tax (GST) Department. The session emphasized self-awareness, positive thinking, stress management, and holistic well-being. ***(ii)*** On **Aug 1, 2026**, an alumni session on "Career Opportunities for Diploma Electrical Engineers" was organised for II year students, with Shri Yash Raju Shete of Delta Manufacturing Pvt Ltd, Nashik, as the resource person. ***(iii)*** On **Aug 8, 2026**, a guest lecture on "MV & HV Switchgear Equipment and their Applications for the Safety of Electrical Installations" was delivered by Shri Deepak Nikam, Dy Manager – International Marketing, CG Power and Industrial Solutions Ltd, providing insights into industrial applications, electrical protection, and safety practices. ***(iv)*** An industrial visit to Motwane Manufacturing Pvt Ltd, Nashik Road**,** was organised on **Aug 13, 2026**, to familiarise students with manufacturing processes, electrical systems, industrial machinery, safety practices, and quality control. ***(v)*** On **Aug 22, 2026**, students visited Dahanu Thermal Power Plant to gain practical exposure to thermal power generation, transmission, and plant operations. ***(vi)*** The activities culminated in the State-Level Technical Competition, "Vidyut-Zep 2K26," held on **Sept 16, 2026**. The competition featured poster making, quizzes, and paper presentations, providing students with a platform to demonstrate their technical knowledge, creativity, research aptitude, and presentation skills. The programmes were coordinated by the respective faculty members under the guidance of Ms P A Shinde, HoD, EE Dept and Prof Prashant Patil, Principal. The individual coordinators were: Ms P A Shinde for the **July 23** lecture; Mrs P R Gangurde for the **Aug 1** alumni session; Ms G P Rikame for the **Aug 8** lecture; Ms S S Sangamnere for the **Aug 13** industrial visit; Shri A S Parkhe for the **Aug 22** visit; and Ms A K Pangavhane for Vidyut-Zep 2K26.

The **ISF** at E&TC Dept of **MVPS Rajarshi Shahu Maharaj Polytechnic College (MVPS RSMPOLY), Nashik, Maharashtra**, organized ***(i)*** On **Feb 11, 2026-** an industrial visit to Ratnaparkhi Electronics Industries Pvt Ltd for II-year electronics engineering students. Shri Harshal Badgujar introduced the students to the company's profile, manufacturing processes, and products, highlighting the importance of practical knowledge in power electronics. Shri Bhagvan Sonawane explained AC-to-DC conversion, filtering, and thermal management using heat sinks and cooling fans. The students also observed CNC Wirecut EDM, EDM Drill, and Pulse Generator machines and learned about career opportunities in industrial automation and power electronics maintenance. ***(ii)*** On **Jul 24, 2026**, SYEJ students (Divisions A and B) visited Sivananda Electronics to learn about the company's products, modern electronic manufacturing systems, and security solutions. The visit was organised by Shri S A Suryawanshi and coordinated by Shri V P Gawai**.** ***(iii)*** On **Aug 4, 2026**, II-year diploma students visited Radio Karmaveer 88.4 at KBT College of Engineering, Nashik, to gain


NAVALE COLLEGE OF ENGINEERING


42
TECHNO-VISION
NSRIT

practical insights into AM/FM broadcasting, wireless communication, audio editing, and community radio operations, including a tour of the studio and control room. ***(iv)*** On **Aug 8, 2026**, the ISF organised an alumni session by Shri Aditya Sonar, Trainee Engineer at HAL, Ozar, on career opportunities in aerospace and defence manufacturing. He highlighted the importance of technical and practical skills, adaptability, and continuous learning. The session was coordinated by Shri S N Shelke under the guidance of Ms P G Deshmukh, HoD, EJ Department, and Prof Prashant Patil, Principal. ***(v)*** On **Aug 12, 2026 –** Guest Lecture on Python Programming- Mrs Manisha Patil delivered a technical lecture on Python Programming for II-year diploma students, covering programming fundamentals, problem-solving, and applications in IoT, automation, AI, machine learning, and embedded systems. ***(vi)*** On **Aug 24, 2026,** Dr Bhushan Kumar, Narayan Shinde delivered an expert talk on Rooftop Solar PV Systems, covering system design, component selection, protection, earthing, installation, and electrical safety. The session provided practical insights into solar technology and renewable energy career opportunities. ***(vii)*** On **Sept 1, 2026,** III-year diploma E&TC students visited the company Industrial Visit to Electronic Switches India Pvt Ltd at Ambad, Nashik, to learn about industrial automation products, infrared and proximity sensors, safety systems, timers, counters, process indicators, and electronic control applications. ***(viii)*** On **Sept 4, 2026**, Second-year diploma E&TC students visited Sri Sai Precision Instrumentation & Research Centre at Satpur, Nashik, to gain practical exposure to instrument calibration, measurement accuracy, specifications, and operating principles. Students also learnt about basic instrument troubleshooting, fault identification, and repair. The visit was coordinated by Shri D U Chaudhari under the guidance of Ms P G Deshmukh, HoD, EJ Department, and Prof Prashant Patil, Principal. ***(ix)*** On **Sept 16, 2026,** the E&TC Department, in association with the ISF, organised the state-level technical event Electro-Spark 2K26 to celebrate Engineers' Day. The event featured poster, quiz, and idea-pitching competitions, with certificates and cash prizes for winners. Prof Nilesh Mogare, Assoc Prof, RSM Polytechnic, Nashik, judged the poster competition. The event was inaugurated by Principal Prof Prashant Patil and coordinated by Shri S A Suryawanshi, along with the faculty team, under the guidance of Ms P G Deshmukh, HoD, EJ Department.

- **ISF** at E&TC Dept, **Sinhgad College of Engineering (SCOE), Vadgaon (BK), Pune**, organized a workshop on "Nirbhaya Kanya Abhiyan Yojana – Women's Health and Self-Defence" on **Feb 24, 2026**. The Chief Guest Dr Apeksha L Randhire, Cosmetologist and Aesthetician, highlighted the importance of skin health, proper skincare routines, and a balanced diet. Ms Namrata Mundada, Certified Self-Defence Instructor with 22 years of martial arts experience, emphasized personal safety, situational awareness, and quick decision-making, along with the importance of self-defence skills. The programme was coordinated by Dr S O Rajankar and Dr R S Kawitkar. The workshop also explored the concept of Deep Learning, its advantages, and its real-world applications in image processing and video analysis.

- Dr PB Parikh Endowment Lecture 2026 organized in collaboration with **ISF** at Dept of EXTC, **Dwarkadas J Sanghvi College of Engineering (DJSCE), Vile Parle, Mumbai** on **Mar 2, 2026**. Dr PB Parikh made invaluable contributions to the field of technical education with vision of fostering innovation and excellence among engineering students. Dr Hari Vasudevan, Principal, DJSCE, addressed the gathering, sharing his insights on the importance of technical competence, innovation, and industry-academia collaboration. Dr Shivaji Ghungrad, Chairman, Mumbai Centre, delivered an insightful address emphasizing the role of professional bodies like IETE in shaping future engineers and promoting continuous learning. Addressing the audience, the Guest of Honour, Shri Kartik Parikh, CEO of Fastech Telecommunications, spoke about the importance of addressing engineering challenges at the foundational level. The Endowment Lecture delivered by Shri Manoj Bhataria, Chief Technology Officer at Devlata Technologies Pvt Ltd, elaborated on the topic "Ensuring MCU Responsiveness." He began by providing a practical perspective on microcontroller architecture and elaborated on the various challenges encountered in real-world embedded systems. He explained how system failures are often the result of architectural issues rather than random faults, and discussed the impact of power instability, electromagnetic interference and timing uncertainties on system performance. He further elaborated on how microcontrollers can experience issues such as ghost resets, instruction jumps, corrupted flags, and infinite loops due to such disturbances. He highlighted the problem of blocking conditions in programs, where the microcontroller remains stuck waiting for a condition to be satisfied, often caused by sensor failures, communication errors, or bus hangs. He illustrated how such situations can lead to complete system unresponsiveness if not handled properly. Dr Amit A Deshmukh, HoD, EXTC Dept proposed vote of thanks.

ISF at **Thadomal Shahani Engineering College (IETE – TSEC), Bandra West, Mumbai, Maharashtra** held its annual semester fest, Oscillation 2026, from **Mar 6-8, 2026** with graceful presence of principal, Dr GT Thampi; branch counsellor for IETE-TSEC, Dr Tanuja Sarode; Vice Principal, Dr Jayant Gadge: Dr Mukesh Israni, CS Dept. The Principal gave an inspiring and informative speech highlighting the new advancements and talked about the need for healthy competitions, extracurricular activities, workshops and cutting-edge technologies. Sponsors included 'GeeksforGeeks' and 'No Escape Room'. This year the fest comprised 3 events: ***(i)*** The IPL Auction, held on **Mar 6, 2026**, involved the use of advanced data analytics & strategic techniques. The competition aimed to simulate the real-life IPL auction process, where team owners bid for players based on their skills and performance statistics. Participants were given access to a large dataset of player statistics and were tasked with building mathematical models to predict player performance and value. Participants had to analyze the data and build predictive models, which were then evaluated based on their accuracy and performance. The competition also involved real-time bidding simulations, where participants had to make strategic decisions based on their models and budget constraints. ***(ii)*** The Curse of Avalon: This event, held on **Mar 7, 2026** was a murder mystery challenge, where participants had to use their technical skills to solve a crime. In the first round, participants were given a room set up like a murder scene, and they had to use their technical skills to collect clues such as footprints, fingerprints, and DNA samples. They had to analyse digital devices found at the scene, such as mobile phones or laptops, to gather additional evidence. In the second round, participants were given characters with specific dress-ups and they were interrogated by investigators who asked for digital evidence to piece together the suspect's whereabouts and motives using digital forensics and network analysis. In the final round, three separate rooms were set up for each suspect. Participants

used their technical skills to access each room and gather evidence. The evidence collected in each room will help participants identify the real culprit. Participants encountered technical challenges like hacking into locked devices, analysing data and using various forensic techniques to gather evidence. ***(iii)*** Newbiethon, held on **Mar 8, 2026** was a 5-hour coding competition aimed at encouraging beginners to explore the world of coding and software development. It provided participants with a fun and supportive environment to learn new skills and work on exciting projects. Participants were given a set of challenges to complete, which ranged from building simple websites to creating basic applications. Mentors and experienced developers were available throughout the event to provide guidance and support to the participants. Projects were judged by Ayush Singh, Huzefa Dohadwala, Aditya Apandkar, Abhigyan Bafna, Kedar Karbele & Nikshita Karkera.

- **ISF- KJ Somaiya School of Engineering (KJSSE), Vidyavihar, Mumbai,** arranged a trekking event to Kharghar Hills held on **Mar 21, 2026** to promote physical fitness, encourage teamwork and provide students with a refreshing break from their academic routine. It also served as an opportunity for participants to connect with nature and strengthen interpersonal relationships. On **Mar 27-28, 2026,** the ISF held a team-based competitive event as part of Oscillation 2026. *Day 1*: In the Auction Phase a structured auction was conducted wherein faculty mentors bid for student participants, formed balanced teams based on strategic bidding and budget management and finalized/announced the teams. *Day 2:* Event Execution Phase was in various steps and activties: (*a*) Technical Games Challenge: Precision-based activity involving ping pong ball targeting; Digital Logic Design (DLD) challenge requiring analysis and truth table formulation; Ring Toss activity focusing on coordination and accuracy; Circuit Building task involving practical implementation using breadboards and electronic components. (*b*) Fun and Technical Activities: Tech Pictionary to assess conceptual understanding and communication: Guess the Word activity focusing on technical terminology and quick reasoning (*c*) Sports Activity: Box Cricket, promoting teamwork, coordination, and competitive spirit. The Best Outgoing Student Award 2025–26 was conferred on Ms Manaswitha Cherukuri on **Mar 30, 2026**. Alumnus Sri Chirag Desai delivered a guest lecture, sharing his college journey and entrepreneurial experience. Dr Bharati Singh, HoD, EXTC Department, and Dr Suresh Ukarande, Director, encouraged students to excel academically. The awardee's parents expressed their appreciation for the College, while Ms Baishakhi Dutta, ISF Faculty Coordinator, proposed the vote of thanks.

- **ISF** at **St Xavier's Technical Institute (XTECH), Mahim, Mumbai,** held its annual fest, Oscillation 2026, from **Mar 24-25, 2026**, inaugurated by Dr RN Awale Dean, VJTI & Dr Suvarna Bhise, Hony Secretary & EC member Mumbai Centre. In their inauguration speech they motivated students and discussed the importance of technical skills with relevant examples and quotes. The event was graced by Principal of Xtech, Dr Shivaji Ghungrad & HoD - Dr Vijay Rathod along with Shri Anil Gurav - ISF coordinator; Mrs Avani Chougule - coordinator of event; senior faculties of DETE & DCE department: Dr Janani Natarajan, Shri RV Gheware, Dr Mahesh Munde; Shri Sanjiv Borkar; Mrs Surbhi Gaoshinde; Mrs Sanchita Datta; Shri Vinay Nagalikar and Shri Arjunsing Sisodiya. The fest comprised of six events: 3D Poster Competition, Circuit Building Competition, Project Competition, Technical Paper Presentation, Coding Competition & Quiz Competition. The Poster Competition was judged by Dr Yogesh Wankhede, HoD of Electronics VJTI & Shri Navneet.

- Shri Nikhil Naidu, Tech Lead, M/s CorpCare Investment Advisory Pvt Ltd, was the chief guest for the Convergence: a project competition held at **VIVA Institute of Technology, Mumbai** on **Mar 27, 2026** as part of Oscillation 2026. The inter-collegiate event comprised four tracks: Major project, Minor project, Poster making and Reel making competition.

- The Resilience Techmaster Competition was held on **Mar 30, 2026** at ISF **MH Saboo Siddhiki College, Mumbai**.

- The **ISF** at **Vidyavardhini's College of Engineering and Technology (VCET), Vasai,** organized a National Level Technical Paper Presentation, as part of 'Oscillations' 26 in association with student chapters of IEEE, IIC, CSI, IETE, VMEA, ISHRAE, IGBC and NSDC on **Apr 01, 2026**. The event provided a platform for students to present innovative research and technical papers across various engineering fields. It encouraged knowledge exchange, critical thinking and academic excellence. 'National Level Project Showcase' was organized by VCET on **Apr 02, 2026**, where students from across the country presented projects covering diverse engineering domains. The event fostered creativity, collaboration and real-world problem-solving. The valedictory session of 'Oscillations' 26 was conducted on **Apr 13, 2026** in association with ISF & EXTC Engineering Dept. Dr Shivaji Ghungrad, Chairman, IETE Mumbai & Principal, St Xavier's Technical Institute, Mahim; Dr Dattatray Suryakant Sawant, Asst Professor, Mechatronics Dept, NMIMS University; Dr Vikas Gupta, Vice-Chairman, IETE Mumbai Centre & Dean Academics, VCET; Dr Rakesh Himte – Principal, VCET and Ms Shaista Khanam – EC Member, IETE Mumbai Centre and ISF coordinator all participated and addressed the gathering.

- The EXTC Dept, **Atharva College of Engineering (ACE), Mumbai** in association with ISF-ACE conducted intercollegiate technical event TECHNOFEST 26 under Oscillation 2026 along with "Academic student felicitations" on **Apr 2, 2026**. Guest of Honour, Mrs Poonam Chaudhari, founder of Tantraniketan inspired participants to pursue innovation and excellence in the field of technology. The event featured an engaging 'Robotics Workshop' and an insightful session on 'Artificial Intelligence and Machine Learning'. 18 groups participated showcasing ***(i)*** Project Competition ***(ii)*** E-poster competition and ***(iii)*** Reel Competition. Prof Gauri Vaidya and Prof Ruchi Chauhan coordinated.

- The **ISF** at **Smt Kashibai Navale College of Engineering (SKNCOE), Pune,** hosted NLPC 2026 on **Apr 2, 2026**, aimed at enhancing technical proficiency and familiarity with cutting-edge computer technology. The initiative was crafted to furnish attendees with pragmatic understanding of high-performance computing settings, parallel programming principles, and contemporary computational instruments utilised in both research and industry. The sessions addressed essential subjects including effective resource management, work scheduling within cluster settings, data processing methodologies, and strategies for performance enhancement. Practical demos were used to acclimate participants to the real-time execution of computational tasks and the utilisation of sophisticated software tools for simulation and analysis. The experts elucidated the significance of scalable architectures and parallel processing methodologies in addressing intricate engineering and scientific challenges. Participants actively

participated in the technical dialogues, elucidated implementation obstacles, and examined pragmatic strategies for enhancing computing efficiency. The curriculum additionally highlighted optimal techniques in programming, troubleshooting, and overseeing extensive datasets in dispersed settings. In summary, NLPC 2026 offered significant technical insights and enhanced attendees' comprehension of sophisticated computing techniques. The curriculum had a crucial role in improving analytical reasoning, problem-solving abilities, and preparedness for engaging with contemporary computing technology in scholarly and research endeavours.

- **ISF** at ECE Dept at **Tirumala Engineering College (TEC), Jonnalagadda, Narasaraopet, AP,** in association with the IETE Vijayawada Centre, organized a "Debate Competition and Reel-Making Event" on **Apr 4, 2026**.

- The **ISF** at **Sal Institute of Diploma Studies (SIDS) in Ahmedabad, Gujarat,** organised the "Electronics Mela 4.0" on **Apr 4, 2026**. Diploma engineering students were encouraged to innovate, learn technical skills, and apply their knowledge. Former ISRO scientist Dr Madhukant Patel started the program, inspiring students with his views on electronics innovation and upcoming technologies. The display featured 72 student groups' embedded systems, IoT, automation, and smart technology projects. The projects showed ingenuity, problem-solving, and technical expertise. Students were encouraged to keep researching new ideas and join technical platforms after the program. Principal - Dr Kinjal Adhvaryu thanked all collaborators and encouraged further innovation on similar platforms. ***(ii)*** "CreateX – Project Exhibition" was held on **Apr 10, 2026**. The event encouraged student ingenuity, technological skills, and knowledge application. 40 groups of 90 kids participated in the exhibition. Students presented websites and application-based projects on real-world problems to demonstrate their creativity and technical skills. The campus degree engineering college judges evaluated the projects on innovation, utility, design, and presentation. Their constructive criticism inspired pupils to improve and meet industry standards. The Principal, Dr Kinjal Adhvaryu, praised the students and faculty for organising CreateX–Project Exhibition. The Principal emphasised practical learning and innovation in IT and encouraged students to continue developing real-world solutions through such platforms. ***(iii)*** "Seminar on Carrier Opportunities in IT Industries" was organized on **Aug 4, 2026**. For second- and third-year CE, IT, and CSE students. Shri Paras V Gandhi, Founder of C-TAG, Ahmedabad, a 25-year educator and mentor who prepares students for competitive exams and IT careers, led the session. Over 150 kids participated. Shri Gandhi discussed IT trends and needs. He stressed the necessity of choosing a sector based on interests and strengths, including software development, data science, AI & Machine Learning, cybersecurity, and networking. Programming languages, problem-solving skills, and understanding of new tools and technology were also discussed. A successful event was planned by Tejal Modi. Principal Dr Kinjal Adhvaryu thanked all collaborators and encouraged further innovation on similar platforms. ***(iv)*** "Workshop on Generative AI & AI Tools" on **Aug 20, 2026, f**or third-year CE, IT, and CSE students. Shri Alkesh Kaba, Senior Software Developer, CreArt Solution Pvt Ltd, Ahmedabad, led the workshop for 41 students. Introduction to AI, Prompt Engineering and AI Tools, AI-Powered Website and Mobile APP Development were covered by Shri Alkesh Kaba. The event was well-organised by Tejal Modi, Smit Upadhyay, and Neha Darji. Principal Dr Kinjal Adhvaryu thanked all collaborators and encouraged further innovation on similar platforms. ***(v)*** A three-day workshop on "Data Structures with Python" was planned from **Sept 16–18, 2026** for second- and third-year students of CE, IT, and CSE. Conducted by Ms Palak Paras Gandhi, the workshop covered fundamental data structures, searching, sorting, and practical Python programming through hands-on sessions. It aimed to enhance students' coding, logical thinking, and problem-solving skills. The event was coordinated by Ms Tejal Modi, Shri Happy Mistry, and Ms Bhakti Dave. Principal Dr Kinjal Adhvaryu appreciated the efforts of the organizers and encouraged students to participate in similar technical activities ***(vi)*** Educational visit to Science City, Ahmedabad, on **Sept 16, 2026**, hosted by IETE Ahmedabad Centre for ISF members. 34 CE, CSE, and IT students participated to experience new technologies. SIDS faculty Ms Tejal Modi and Shri Smit S Upadhyay organised the visit. Principal Dr Kinjal Adhvaryu thanked all donors and encouraged students to join in similar scientific and technological learning initiatives. ***(vii)*** IETE Ahmedabad Centre invited ISF members to an educational visit to Science City, Ahmedabad, on **Sept 22, 2026**. The visit included 31 CE, CSE, and IT students. The goal was to expose pupils to scientific advances, new technologies, and real-world applications. SIDS faculty Tejal Modi and Neha Darji planned the visit.

- The **ISF** at ECE Dept, **GH Raisoni College of Engineering and Management (GHRCEM), Pune, Maharashtra,** organized the National Level Project Competition 2026 (NLPC-26) on **Apr 4, 2026.** Shri Surendra Oturkar, Manager, COMAU India, graced the event as Chief Guest and emphasized the importance of skill-based and project-based learning in developing practical knowledge, critical thinking, problem-solving abilities, creativity, and employability through real-world applications. The event was attended by Dr R D Kharadkar, Vice President, IETE and West Zone Mentor, New Delhi, and Vice Chancellor, GHRISTU; Dr N B Hulle, Director, GHRCEM Pune; Shri Gopal Dawara, Executive Committee Member, IETE Pune; and Dr V S Hendre, Pro-Vice Chancellor, GHRISTU, Pune.

- The **ISF** at the E&TC Department, **Jaihind College of Engineering (JCEI), Kuran, Maharashtra**, organized the National Level Project Competition 2026 on **Apr 7, 2026**. Dr D S Mantri, Secretary, IETE Pune Centre, graced the event as Chief Guest and emphasized the importance of innovation, creativity, and the responsible use of technology in shaping the future. The programme was attended by Shri Jitendra Gunjal, President, JCEI; Dr Shubhangi Gunjal, Director, JCEI; Dr D S Galhe, CEO, JCEI; and Dr B Ubale, Principal, Jaihind College of Engineering. The **ISF** in collaboration with IETE Pune Centre, organized the National Level Project Competition 2026 (NLPC-2026), featuring 99 project groups comprising 330 students from colleges across India. The competition aimed to foster innovation, encourage industry interaction, and promote solutions to real-world challenges. Conducted in two phases, the first round was held at Jaihind College, with the second round scheduled at IETE Centre, Pune. The jury comprised Shri Prakash Chavan, Shri Hanumantrao Bhandari, Shri Akash Kale, Shri Aniket Thorve, Shri Nitin Jadhav, Ms Harshada Hinge, Ms Dipali Salunkhe, and Shri Navnath Shinde. The first prize was awarded to the project titled *"AI Powered Bail Reckoner"* by Manav Malik, Aryan Pardeshi, Anuj Naikodi, and Omkar Kudale (JCOE, AIDS); the second prize to *"Doctor Appointment System Using MERN Stack"* by Vaishnavi Shinde, Ayush Shinde, and Nishant Shinde (JCOE, E&TC); and the third prize to *"Loads Heading*

Info Website" by Atharva Thorat and Tejas Ankush Jadhav (SCOE&M, Belhe). All three projects qualified for the final round in Pune. The event was attended by Hon. Shri Jitendra Gunjal, Dr Shubhangi Gunjal, Dr D S Galhe, Principal Dr A B Ubale, and HOD Dr V M Dhede, among other dignitaries.

- **ISF** at EC Dept, **Methodist College of Engineering and Technology (MCET), Hyderabad, Telangana** organised an insightful seminar on "Exploring Opportunities in the Semiconductor Industry" on **Apr 7, 2026.** The keynote address was delivered by Sri Vasudev Surya, who provided a comprehensive overview of current industry trends, career pathways, and the essential technical skills required to excel in domains such as VLSI and chip design. The event was graced by Dr K Jayasankar, Dean (R&D) & Dr Srinivasa Baba, HoD ECE.

During the session, Shri Surya emphasized the importance of strong conceptual understanding over rote learning, especially for students aspiring to build careers in core electronics fields. One of the highlights of the event was an engaging interactive problem-solving session, where students were guided on how to approach and solve GATE-level problems efficiently—often within two minutes—by applying the right concepts and techniques.

Addressing the gathering, Dr Jayashankar emphasized that the ISF continues to shape intelligence, connect horizons, and inspire a future powered by technology through workshops, technical seminars, hackathons, and hands-on training sessions. He also highlighted the manifold benefits of IETE student membership, which include: *Access to Resources*- Full access to authoritative journals, magazines, and technical publications; *Research & Presentation*- Opportunities to present research papers and participate in national and international conferences; *Professional Networking*- Direct engagement with industry leaders, professionals, and domain experts; *Skill Development*- Continuous technical enhancement through specialized workshops and training programs and *Career Advancement*- Recognition and pathways for professional growth within the engineering community. The seminar proved to be highly beneficial, providing students with clarity on career pathways and motivating them to focus on concept-driven learning.

- **ISF** at **KJ Somaiya Institute of Technology (KJSIT), Sion, Mumbai**, inaugurated Oscillations 2026 on **Apr 7, 2026,** alongside a Prototype Exhibition, in collaboration with the Nehru Science Centre. IETE Coordinator Dr Priya Hankare welcomed the dignitaries, including Chief Guest Shri Umesh Kumar Rustagi, Director, Nehru Science Centre, and Guest of Honour Dr Shivaji Ghungrad, Chairman, IETE Mumbai Centre, along with Ms Kaveri Mandhare, Principal, Shantaram Krushnaji Pant Madhyamik Vidyalaya, who attended with her team of teachers and students. Dr Priya Hankare highlighted Oscillations as a platform for students' overall development through technical, non-technical and innovation-driven activities. Chief Guest Shri Umesh Kumar Rustagi emphasized scientific curiosity, innovation and practical learning through prototypes, while Guest of Honour, Dr Shivaji Ghungrad highlighted technical excellence, innovation and the role of IETE in shaping future engineers. Principal Dr Vivek Sunnapwar stressed hands-on learning, emerging technologies and the importance of the prototype exhibition. Letters of appreciation were presented by the Principal and Chief Guest to the outgoing IETE Core Team members (2025–26) in recognition of their dedicated efforts and contributions. The recipients included the Chairperson- Ms Manjiri Kadam; Vice Chairperson- Mr Kislay Gupta; Secretary- Ms Aaditi Inamdar; CEO- Shri Sainath Shobhane; CTO- Shri Subroto Datta; Public Relations Officer- Shri Pratul Jagtap; Treasurer- Ms Pooja Shah; Digital Media Manager- Ms Ayesha Shaikh; Joint Secretary- Shri Abhijit Mulik; Joint Treasurer- Shri Neel Shah; Marketing Admin- Shri Jash Sanghavi; Joint Chief Technical Officer- Shri Sarat Alane; Technical Admin- Shri Tushar Surti; Joint Public Relations Officer- Ms Meeti Shah; Public Relations Admin- Shri Sujal Bhandari; Social Media Manager- Shri Arnav Deshpande; Creative Admin- Ms Muskaan Popat and Organizing Admin- Shri Dev Mody. Dr Jayashree Khanapuri proposed the vote of thanks.

- The following activities were conducted by the **ISF** at the E&TC Department of **MES's Wadia College of Engineering (MESCOE) in Pune, Maharashtra:** ***(i)*** The National Level Project Competition 2026 (NLPC–26) was held at MES Wadia College of Engineering, Pune as part of a large-scale initiative organised across 14 institutes from **Apr 1-8, 2026,** under the aegis of IETE Pune Centre. 52 project groups participated in the initial round, showcasing innovative solutions in the fields of electronics, communication, and related endeavours. Dr R D Kharadkar, the Chief Guest, and Dr R R Itkarkar, the Guest of Honour, attended the event's inauguration. Dr Kharadkar underscored the significance of Artificial Intelligence and its contribution to societal development and innovation in his address. More than 1132 creations were showcased in all Centres. Expert judges from academia and industry assessed the projects. The following teams were selected as winners of Round I from MES Wadia College of Engineering and qualified for the final round: "Smart Mini Computer (Pocket PC)" – Shubham Suskar, Deep Patel, Harshada Khajure, "Emotion Detection using EEG Signal & Thermal Camera" – Sneha Aghav, Vaishnavi Satish Patil, Anmol Pandita, and "ParkEase Smart Parking System" – Manasi Kalokhe, Ayush Kobal, Sanskruti Gavhan. Students were given an exceptional opportunity to exhibit their research aptitude, innovation, and technical proficiency at the event.

- The **ISF** at the E&TC Dept, **JSPM Narhe Technical Campus (NTC), Pune, Maharashtra**, organized the following events: ***(i)*** Expert Session on "AI & Innovation Sprints: Rapid Prototyping for Digital Transformation" on **Apr 8, 2026**. The session was delivered by Dr Vishal Bharate, Process Manager and AI Researcher, eClerx Services Ltd, Pune. It focused on bridging theoretical AI concepts with practical industry applications, highlighting how innovation sprints accelerate the development of functional AI prototypes for digital transformation in sectors such as IoT, healthcare, and telecommunications. Dr S W Shaikh, Head, E&TC Department; Dr M P Hajare, IETE Coordinator; Prof R P Khadse, ETSA Coordinator; faculty members, and students attended the session. ***(ii)*** "RC Grand Prix 2026" was held on **Apr 10–11, 2026**. The competition promoted innovation, teamwork, and technical skills through exciting events such as Line Following, Obstacle Track, and Lap Race. Students demonstrated their RC car designs, coding skills, and racing capabilities. The event was attended by Dr S P Bhosle, Director; Dr M M Sardeshmukh, Dy Director; Dr S W Shaikh, Head, E&TC Department; Dr M P Hajare, IETE Coordinator and Prof R P Khadse, ETSA Coordinator.

- The ISF at **K J College of Engineering and Management Research (KJCOEMR), Pune,** in collaboration with IETE Pune Centre, organized the National Level Project Competition 2026 (NLPC-26) **Apr 8, 2026,**

featuring 142 project groups comprising 443 students from colleges across India. Dr R D Kharadkar, Vice President, IETE and Zonal Mentor (West), and Dr Dnyaneshwar S Mantri, Hony Secretary, IETE Pune Centre, guided students on practical applications of Artificial Intelligence and real-world engineering problem-solving. The event was supported by the Electronics and Telecommunication Engineering Department of K J College of Engineering and Management Research, Pune. The competition was conducted in two phases, with the first round held at the college and the second scheduled at IETE Pune Centre. Important dignitaries attended were Maj Gen Sameer Kalla, Executive Director, KJEI; Dr Ajay Fulambarkar, Technical Director, KJEI; Dr Hemant Deshmukh Dean, Student Development and Welfare, KJEI; Dr R D Kharadkar – Vice President, IETE Zonal Mentor (West), and Dr Suhas Khot, College Principal.

- The National Level Project Competition (NLPC-26) was organised by the **ISF** at the E&TC Dept of the **Nutan Maharashtra Institute of Engineering and Technology (NMIET)** in **Talegaon, Maharashtra,** on **Apr 8, 2026**. The purpose of this platform was to motivate students to exhibit their technical proficiency, practical problem-solving abilities, and creative thinking. A total of 43 groups representing various engineering colleges participated in the competition, which saw an impressive turnout. Although the event was well-represented by local institutions, it also attracted participants from outside Maharashtra, including teams from Tamil Nadu. Four distinguished industry experts assessed on the basis of their technical execution, real-world applicability, and innovation, thus offering participants valuable professional feedback. An inauguration ceremony was conducted in the Suresh Bhai Shah Hall to officially commence the National Level Project Competition (NLPC-26). The national competition commenced with a customary lamp-lighting ceremony to commemorate its auspicious inauguration. The keynote address was delivered by Dr Prabhakar N Kota, the Chief Guest and Head Coordinator of NLPC, who is a member of the IETE Pune Centre. He emphasised the principal objective of NLPC-26: The ceremony featured a distinguished panel of industry experts and esteemed guests who provided professional mentorship to the participants: Mrs Rekha Pawar, the proprietor of Arthtech Automation Services, and Mrs Balika Tawade, the senior instructor at Govt ITI Aundh in Pune, were industry experts. Additionally, Ms Ruchika Kalagate, a software engineer at Siemens, and Shri Vibhav Wagh, a senior software engineer at Cybage Soft, are proud NMIET alumni. The following senior faculty members of Nutan Maharashtra provided leadership and guidance throughout the event: Dr Pramod Patil: Director, NMIET, Dr Sagar Joshi HOD E&TC, Dr Vilas Deotare: Dean of R&D, NMIET The formal proceedings concluded with a vote of thanks by Dr Neeta Karhadkar, expressing heartfelt gratitude to the management, guests, and participants.

- **ISF** at CSE Dept at **MCKV Institute of Engineering (MCKVIE), Howrah, WB** organised INSIGNIA 2K26, an intercollege coding extravaganza on **Apr 9, 2026** in association with the Institutions' Innovation Council (IIC) and IETE. The inauguration of the event was held, where Prof (Dr) Debashis De, Immdt Past Chairman IETE Kolkata Centre and Dr Jyoti Sekhar Banerjee, Secretary, IETE Kolkata Centre were present along with the Principal of MCKV Institute of Engineering Prof (Dr) Abhijit Lahiri, CEO, MCKV Group, Prof (Dr) Partha Sarathi Chakroborthy, Dean Research Prof (Dr) Prasenjit Chatterjee, Dean Academics Prof (Dr) Satadal Saha, Coordinator of Insignia Prof (Dr) S S Thakur, HOD-CSE Shri Avijit Bose. The Joint Co-Coordinator of the event were Dr Soma Bandyopadhyay, Coordinator ISF and Shri Puspen Lahiri. The joint Convener of the event were Shri Soham Goswami and Shri Soumya Pal. The competition attracted 133 teams of two members each. Following a Quiz and Aptitude round, 20 teams qualified for the coding round on HackerRank, and 10 advanced to the Surprise Round. The event concluded with awards presented to the Winner, Runner-up, and Second Runner-up. The competition was conducted smoothly through effective coordination among the organizing committee, faculty, and volunteers.

- The **ISF** at the ETE Dept, **Rajarambapu Institute of Technology (RIT), Sakharale, Maharashtra**, organized a guest lecture on "Role of Industrial Automation in Digital Transformation" on **Apr 10, 2026**. Shri Vinod Dinde, Project Engineer at Vidhi Automation and Solution, Ichalkaranji, Dist. Kolhapur, was present as the Chief Guest. The distinguished dignitaries who attended were: Prof R T Patil, Program Coordinator, FIETE, Dr M S Patil, HoD ETC, RIT, Sakharale, IETE Member, Dr J S Awati, Convener & Organising Secretary, IETE Member, Dr M S Kumbhar, Convener & Organising Secretary, IETE Member, and Prof A S Kadam, Program Coordinator.

- **ISF** at ECE Dept at **KKR & KSR Institute of Technology and Sciences (KITS), Guntur**, in association with the IETE Vijayawada Centre, organized the prestigious 6th National Conference on "Knowledge-Based Inventive Electronics and Telecommunication Systems (NCKIETS-2026)" on **Apr 17-18, 2026**. Prof P Siddaiah, Dir and Prof, Dept of ECE, SR GEC, graced the occasion as the Chief Guest and keynote speaker, while Dr K Satya Prasad, Retd Prof, Dept of ECE, JNTUK, Kakinada, attended the event as the invited guest.

- The **ISF** at **Sinhgad Institute of Technology (SIT), Lonavala, Pune**, organized the 7th National-Level Student Conference, IEEE TechnoKnockDown-2026 (TKD-26) on **Apr 18, 2026**. Dr Sameer Nanivadekar, Chief Guest, highlighted IEEE activities and funding opportunities available to student branches. The event was attended by Dr D S Mantri, General Chair; Dr S D Babar, Principal; Dr S B Desai, Director, STES Lonavala Campus; Dr M S Gaikwad, Chief Project Officer, STES Pune; Dr Sunil Somani, Chairman, IETE Pune Centre; and Dr R D Kharadkar, Vice President and Zonal Mentor (West India), IETE.

- The Dept of CSE at **Chandigarh University (CU)** inaugurated the **IETE Student Forum (ISF)** on **Apr 20, 2026**, to promote innovation, research, leadership, and industry-oriented learning among students. The programme commenced with a welcome address by Dr Parveen Bajaj, Prof and Faculty Advisor, IETE Student Forum. The event was attended by experts from CSIR–Central Scientific Instruments Organisation (CSIR–CSIO), Chandigarh, including Dr Umesh Tiwari, Dr Nilesh Kumar, Dr Amol P Bhondekar, and Shri Surender Singh Saini. Dr Ritesh Kumar, Member, IETE Executive Committee, delivered the keynote address, encouraging students to embrace innovation, develop leadership skills, and actively engage in professional and technical communities. Shri Raghuveer VR, Pro Vice-Chancellor (Academic Affairs), Chandigarh University, formally inaugurated the ISF and addressed the gathering. The programme concluded with a vote of thanks by Dr (Prof) Navpreet Kaur Walia, Assistant Director, CSE, who expressed gratitude to the dignitaries, faculty members, organizers, and students for their support and participation.

- The Dept of Electronics and Communication Engineering at **Sagar Institute of Research and Technology (SIRT), Bhopal**, inaugurated the **IETE Student Forum (ISF)** on **Apr 29, 2026**. The initiative aims to promote technical excellence, innovation, and professional development among students. Dr Shilpam Saxena, Vice-Chairman, IETE Bhopal, delivered the keynote address on "Empowering Students through Technical Forums and Emerging Technologies," highlighting the role of technical forums in fostering student learning and engagement with emerging technologies. The programme commenced with addresses by Director Dr Rajiv Srivastava and HoD, Dr Shalini Sahay, who emphasized the importance of establishing the ISF within the institution.

- The **ISF** of the Dept of Electronics and Communication Engineering (ECE), **Vignan's Institute of Engineering for Women (VIEW), Visakhapatnam,** organized three industrial visits during April–June 2026. ***(i)*** On **Apr 30, 2026** an industrial visit was organized for III-year ECE students to Avantel Limited, Gambheeram Industrial Park, Visakhapatnam. The visit provided practical exposure to wireless and satellite communication, embedded systems, signal processing, and defence communication technologies, helping students understand their industrial applications. ***(ii)*** The visit to NR TECHCREATZ on **May 2, 2026**, introduced students to emerging technologies in home automation, robotics, and embedded systems. Demonstrations and hands-on exposure highlighted the applications of the Internet of Things (IoT), artificial intelligence, and smart control systems. ***(iii)*** On **Jun 19, 2026,** the visit to Field Tech, Akkayyapalem, Visakhapatnam, provided insights into naval defence systems and submarine management systems. The technical interactions focused on torpedo detection and monitoring, as well as systems designed to detect and counter potential threats. These visits offered valuable industry exposure, strengthened students' understanding of practical engineering applications, and helped bridge the gap between academic learning and industry practices.

- **ISF** at ECE Dept, **Sri Venkateswara College of Engineering (SVCE), Sriperumbadur, Chennai, TN**, conducted following events ***(i)*** organized a Valedictory Ceremony 25 – 26 on **Jul 3, 2026**. The ceremony marked the successful culmination of the academic year and provided an opportunity to recognize and appreciate the achievements, dedication, leadership, and contributions of the faculty members, senior office bearers, office bearers and students. ***(ii)*** A guest lecture on "AI-Driven Innovations and Emerging Trends in Electronics and Communication Engineering" on **Aug 14, 2026** delivered by the Chief Guest, Smt Jayashree Ranganathan, Deputy General Manager – Engineering, NEC Corporation India Pvt Ltd, Chennai. ***(iii)*** Guest Lecture Badge Distribution Ceremony 2026–27 and "Opportunities for Engineering Students in Indian Army, Air Force and Navy" on **Sept 1, 2026**. Badges were presented to the new office bearers by Shri Chenthil Kumar, Aeronautical Engineer and Dr R Ramesh, Dean – Academics.

- The **ISF** at **Jeppiaar Institute of Technology (JIT) in Sriperumbudur, Chennai, TN** conducted ***(i)*** a seminar titled "Next-Generation Immersive Experiences in AI Innovations" on **Jul 3, 2026**, presented by Shri Deivasigamani Selvam, Senior Game & XR Developer at DIGIKA.AI, who imparted significant knowledge regarding the latest developments in Artificial Intelligence (AI), Extended Reality (XR), Virtual Reality (VR), and Augmented Reality (AR) technologies. The discussion centred on the impact of AI-powered immersive technology on sectors including education, healthcare, gaming, manufacturing, and intelligent applications. On the same day, a workshop titled "New Innovation: Introduction to the Future of Space Systems" was conducted by Shri Pon Maa Kishan, Founder & CEO of Sukish, who provided significant insights into nascent space technologies, innovation ecosystems, entrepreneurship, and prospective opportunities within the space industry. The session equipped students with insights into contemporary space systems, technological progress, and the significance of creativity in addressing practical issues. ***(ii)*** A seminar titled "Career in Data/Business Analytics" was conducted on **Jul 6, 2026**, by Ms Shabarmathy S, – Business Analytics, who provided significant insights on career prospects, requisite skills, industry developments, and the increasing need for experts in Data and Business Analytics. She emphasised the significance of analytical reasoning, data-informed decision-making, and ongoing skill enhancement for establishing a prosperous career in the analytics field. On that same day, a Six-Day Online Faculty Development Program (FDP) titled "Advances in Quantum Computing: Theory, Algorithms, and Next-Generation Applications" commenced. The curriculum encompassed the basics of quantum computing, quantum algorithms, quantum communication, terahertz wireless communication, applications in 5G and beyond, as well as nascent research topics. ***(iii)*** A seminar titled "Innovations in AI-Enabled VLSI Chips for Remote Healthcare Applications" took place on **Jul 27, 2026**, presented by Ms Arulmozhi P, a Data Analyst at Arcadia Technologies in Chennai, who provided significant insights into the amalgamation of Artificial Intelligence (AI) and VLSI chip design for sophisticated remote healthcare solutions. The workshop emphasised the significance of AI-driven semiconductor technologies in the creation of intelligent, energy-conserving, and dependable healthcare devices for ongoing patient surveillance and medical assessment. ***(iv)*** An IoT workshop was organized on **Jul 30, 2026** to familiarise attendees with the essentials of IoT, encompassing IoT architecture, Tinkercad circuit simulation, BlynkIoT platform and dashboard construction, as well as practical IoT project execution. The seminar offered hands-on experience in the design, simulation, and implementation of IoT applications utilising tools pertinent to the industry. ***(v)*** A Tech Detective – Technical Event was held on **Jul 31, 2026**. Emphasis was on analytical cognition and rational deduction, resolving issues using technology-driven hints, enigmas, and programming tasks deciphering codes and unravelling technical enigmas, collaboration and innovation, engaged student involvement & hands-on and experiential education. ***(vi)*** A presentation on Green Communication Technologies for Sustainable Networks on **Aug 7, 2026**, was presented by Ms K Bhavya, Asstt Prof in the Dept of Biomedical Engineering at Karpaga Vinayaga College of Engineering and Technology. She provided significant perspectives on eco-friendly communication technologies, energy-conserving network architecture, and sustainable methodologies in contemporary communication systems. ***(vii)*** A Practical Implementation of DSP in Engineering on **Aug 27, 2026**, highlighted utilisation of Digital Signal Processing (DSP) in practical scenarios, implementation of DSP principles across diverse engineering disciplines, bridging theoretical frameworks with tangible issues. ***(viii)*** A talk on "Modern Tools and Techniques in DSP" on **Aug 28, 2026**, offered learners significant insight into contemporary DSP technologies and their utilisation in engineering. An Analogue and Digital VLSI Design event was conducted on that same day. The workshop familiarised students with the essential principles and practical elements of Analogue and Digital VLSI Design, offering significant insight into integrated circuit


G. Narayanamma Institute Of Technology and Science
IETE STUDENT FORUM(ISF)
ROBOTICS


RADIANT
Industrial visit
IETE STUDENTS FORUM
Industrial visit

design concepts and their relevance in contemporary electronics. One more event scheduled on the same day was a social activity titled Green Campus Innovation: Grow Today, Sustain Tomorrow. The communal event aimed at enhancing environmental consciousness and sustainable behaviours on campus among students and the wider community. The initiative emphasised the significance of tree planting, preserving green areas, safeguarding natural resources, and embracing environmentally sustainable methods. ***(ix)*** A webinar named "Innovation Ecosystem: Research, Incubation & Entrepreneurship" was conducted on **Aug 31, 2026**, by Prof V Muthulakshmi, HoD, CSE, St Joseph's College of Engineering, Chennai. It emphasised the significance of innovation grounded in research, incubation assistance, idea generation, cooperation, and entrepreneurship in tackling practical difficulties. Learners were motivated to recognise issues in their environment, devise creative solutions, and investigate prospects for transforming their concepts into viable enterprises. ***(x)*** A webinar named "Research without Borders: Interdisciplinary Approaches to Innovation" took place on **Sept 9, 2026**, presented by Ms S Jayashree from the ECE Department St. Joseph College of Engineering, Chennai, provided significant insights into the role of interdisciplinary research in tackling intricate real-world issues. The webinar emphasised the amalgamation of expertise, techniques, and technology from several fields to create ground-breaking and significant solutions.

- The **ISF** within the ECE Dept of **New Prince Shri Bhavani College of Engineering & Technology (NPSBCET) in Sembakkam, Chennai, Tamil Nadu**, conducted ***(i)*** a Six-Day Online Faculty Development Program (FDP) titled "Architecting the Future of Wireless Communication through Advanced AI-Powered Research" on **Jul 4, 2026**, presented by Shri M Tharik Anwar, Software Developer at Approtech Solutions Pvt Ltd The FDP intended to improve members' technical expertise, research capabilities, and proficiency in implementing AI-driven methodologies in forthcoming wireless communication systems. ***(ii)*** On **Aug 5, 2026**, Shri R Sriram, the Founder of IQLOOO, discussed Angel investment and Venture Capital (VC) funding prospects for nascent entrepreneurs, emphasising the necessity of recognising appropriate investors and comprehending funding prerequisites at various phases of a startup. ***(iii)*** World Entrepreneurs Day - "Innovation and Entrepreneurship in the Digital Age," on **Aug 20, 2026**, presented by Shri M Krishna Murthi, Founder & CEO of Poriyalan Infinite Solutions, Chennai. He provided significant perspectives on innovation, entrepreneurship, digital technology, and prospects for emerging entrepreneurs. The session motivated students to cultivate innovative concepts, recognise prospects, and improve their entrepreneurial abilities. ***(iv)*** A Fuerza Crispo 2K26 - ScriptCon was scheduled on **Sept 26, 2026**. The occasion offered an opportunity for students to showcase their technical expertise, analytical skills, and creative concepts. Project exhibits and presentations were assessed according to established standards.

- The **ISF** at the ECE Dept, **Nadimpalli Satyanarayana Raju Institute of Technology (NSRIT), Sontyam, Visakhapatnam, Andhra Pradesh**, organised the following activities: ***(i)*** A guest lecture on "Introduction to Biomedical Engineering and Research Scope" was held on **Jul 7, 2026**. Dr G V Sridhar, Professor, Dadi Institute of Engineering & Technology, Anakapalli, delivered the lecture, which witnessed active participation from 100 students. ***(ii)*** Students of III/IV BTech (Section A) visited the Doppler Weather Radar Station and Cyclone Warning Centre on **Aug 5, 2026**. The visit was inaugurated by Principal Dr S Sambhu Prasad and HoD Dr B Siva Prasad, who addressed the students. ***(iii)*** A similar visit to the Doppler Weather Radar Station and Cyclone Warning Centre was organized for students of III/IV BTech ECE – C section on **Aug 17, 2026**, inaugurated by Principal Dr S Sambhu Prasad and HoD Dr B Siva Prasad, along with other faculty members. ***(iv)*** A two-day workshop on "Build with AI: From idea to App," was conducted on **Oct 6-7, 2026**. Shri K Vamsi Krishna, a former Google and Microsoft Senior and Principal Software Engineer, was the event resource. The session was for 2nd-year BTech ECE students. The expert taught students about the following topics on the first day: Understand the essential concepts of Artificial Intelligence and real world applications, Familiarize with Vibe Coding to apply in AI-assisted software development, Gemini API to integrate powerful AI models into one's own application, Lovable Dev for full-stack rapid application development. On day two, the expert led hands-on systems lab sessions. He proposed 10 app concepts. Participants excitedly chose a problem (idea) and constructed an app to solve it. Dr B Siva Prasad, ECE Department Head, gave the expert a shawl and souvenir. 61 students (II/IV ECE B) participated. ***(v)*** Organized the Alumni Talk on **Aug 4, 2026**. The session by Ms Gayathri Sesetti, Project Engineer, Wipro, Chennai, proved to be an inspiring and informative experience for the students. The event strengthened the connection between alumni and the institution while encouraging students to pursue excellence in academics and professional development.

- The **ISF** at **G Narayanamma Institute of Technology & Science for Women (GNITS), Shaikpet, Hyderabad,** organized following activities: ***(i)*** A guest lecture on "Semiconductor Technology: Transition to 3nm and 2nm Nodes Using Advanced Transistors" on **Jul 9, 2026**, delivered by Dr M Durga Prakash, Prof, Department of ECE, SRM University–AP. He discussed the evolution of MOSFETs, FinFETs and Gate-All-Around (GAA) transistors, advancements in semiconductor technology nodes, AI accelerators, advanced packaging, and career opportunities in the semiconductor and VLSI industries. The session was attended by 61 students and faculty members and received highly positive feedback. ***(ii)*** National Space Day 2026 was celebrated on **Aug 22, 2026**, in collaboration with IIT Tirupati Navavishkar I-Hub Foundation (IITTNIF). A guest lecture on "Career Opportunities and Prospects for Women in the Space Sector" was delivered by Mrs Santhi Sree Basavaraju, Sci/Eng-G and Group Head, Satellite Data Evaluation Group, NRSC, Hyderabad. The session highlighted emerging opportunities for women in space science and technology and was attended by approximately 175 students and 10 faculty members. ***(iii)*** An industrial visit was organized to the NRSC Outreach Facility, Jeedimetla, on **Sept 8, 2026**, for approximately 28 BTech and MTech students. The visit provided practical exposure to space technology applications, remote sensing, and ISRO's operational activities. NRSC experts briefed students on launch vehicles, ISRO–NASA collaborations, satellite models, including Chandrayaan-3, satellite tracking systems, and global space centres. They also discussed project opportunities for final-year students and internship options available from the third year onward, offering valuable insights into academic and career prospects in space technology. ***(iv)*** An industrial visit to the Smart City Research Centre (SCRC), IIIT Hyderabad, was organized on **Sept 9, 2026**, for approximately 25 BTech and MTech students. SCRC experts introduced students to IoT frameworks, smart city infrastructure, and the Smart City

Living Lab, showcasing applications such as air-quality monitoring, solar energy management, smart water grids, and intelligent street lighting. The visit also highlighted project opportunities and internships, providing valuable practical exposure and career guidance. ***(v)*** An industrial visit to Forty9 was organized on **Sept 10, 2026**, to provide students with practical industry exposure. Students learned about professional workflows, real-world engineering applications, industry expectations, and career opportunities through interaction with industry personnel. ***(vi)*** The ISF organized "Battle of Engineers – Think. Adapt. Conquer." on **Sept 16, 2026**, as part of the Engineers' Day celebrations 2026. The team-based competition aimed to foster technical knowledge, analytical thinking, creativity, decision-making, and adaptability among students. Ten teams participated in three challenging rounds: "Engineer's Mind: Think. Analyse. Answer; Engineer Under Pressure: Choose. Decide. Adapt; and Engineer the Solution: Learn. Create. Defend." The participants demonstrated technical competence, teamwork, and innovative problem-solving throughout the competition. Dr Krishna Reddy, ETM, and Dr Y Rakesh Kumar evaluated the teams' performances. Team "404 Not Found" secured First Prize, while "Tech Titans" won Second Prize. Dr B L Raj Kumar, HOD–ETM and Co-Convenor, congratulated the winners and appreciated all participants for their enthusiastic involvement and commendable performances. ***(vii)*** The ISF organized two interactive technical stalls, "Guess It!" and "Technical Twister," on **Sept 16, 2026**, as part of the Engineers' Day Celebrations 2026. Around 50 students participated enthusiastically, showcasing their logical thinking, technical knowledge, and problem-solving skills under time pressure. Faculty members and coordinators appreciated the students' active participation, technical awareness, and quick responses.

- **ISF** at **Velammal Institute of Technology (VITech) in Pnjetti, Chennai**, organised the following events: ***(i)*** a Workshop on "Drone Technologies: Design, Assembly and Flight Operations" on **Jul 9-10, 2026**. The workshop was led by Shri P Balamurugan, Drone Technology Engineer, AstroX Aerospace, and Shri M Saravanakumar, Defence & Industrial Drone Specialist, AstroX Aerospace. The resource persons provided industry-specific insights into drone technology and illustrated the principles of drone assembly, operation, and handling. ***(ii)*** Shri S Sathiya Moorthi, PCB Designer-T at Surya's MiB Enterprises in Chennai, conducted a one-day workshop on PCB Design on **Jul 13, 2026**. The most recent practices in PCB design, industry requirements, and career opportunities in the field of electronics were the subject of a discussion among experts and students. ***(iii)*** On **Jul 16, 2026**, a Project Expo 2026 was conducted. Under the theme "Ideas Ignited, Innovations Unveiled," participants convened to exhibit their innovative projects, ideas, and technological solutions. The expo afforded students the chance to showcase their technical expertise, creativity, and problem-solving abilities by showcasing a variety of project exhibits and functional models. ***(iv)*** On **Jul 28, 2026**, an industrial visit was scheduled to Bharat Sanchar Nigam Limited (BSNL) in Meenambakkam, Chennai. The objective of the visit was to offer students practical experience with contemporary telecommunication systems and to establish a connection between theoretical concepts and industrial practices. Students acquired valuable insights into a variety of telecommunication technologies, such as Optical Fibre Communication (OFC), transmission systems, switching systems, networking infrastructure, and telephone communication systems, during the visit. ***(v)*** Dr K Swaminathan, Founder of Silicon Craft VLSI – Crafting VLSI-Embedded AI Excellence, delivered an expert talk on "VLSI Career Compass: Design, Research and Modern EDA Technologies" in Chennai on **Jul 29, 2026**. He offered valuable insights into the semiconductor industry, VLSI design, modern EDA tools, research opportunities, and emerging career pathways in the VLSI domain. ***(vi)*** Shri Jatin Kishore, DC and Cloud Engineer at Sify Technologies, conducted a hands-on training program on "AWS, Cloud, and DevOps Tools" on **Aug 19, 2026**. The program covered cloud computing fundamentals, AWS services, virtualisation, scalability, CI/CD, automation, version control, monitoring, and deployment practices. ***(vii)*** On **Aug 21, 2026**, Shri Murali Karthikeyan, Head of Academics (GATE) at T.I.M.E Education Chennai, conducted a guest lecture entitled "GATE Examination Awareness Programme." The lecture provided an overview of the GATE examination, including its pattern, syllabus, preparation strategies, time management, and opportunities for higher education and PSU careers. ***(viii)*** On **Aug 24-28, 2026**, a five-day value-added course on semiconductor and VLSI technology was conducted. The objective of the event was to offer students practical, industry-oriented exposure to the semiconductor and VLSI design process. The course concentrated on the entire RTL-to-GDSII design process, which encompassed Verilog RTL design, logic synthesis, Static Timing Analysis (STA), verification, physical design, and GDSII layout. ***(ix)*** A three-day hands-on workshop on "Generative AI and Prompt Engineering" was organised from **Sept 1-3, 2026**. The sessions addressed the following topics: the fundamentals of prompt engineering, functional prompts, advanced AI systems, LLM behaviour, and parameter optimisation. The workshop also offered exposure to Python, LangChain, LangSmith, LlamaIndex, Jupyter Notebook, Visual Studio Code, and Google Colab. ***(x)*** On **Sept 8, 2026**, an industrial visit was conducted at Srinar Electronics Private Limited, located in Muthukadu, Chennai, to offer students practical experience with the manufacturing processes of RF and electronic components. The students observed the manufacturing of RF connectors, as well as the various stages of assembly, testing, inspection, and quality control, during the visit. ***(xi)*** On **Sept 11, 2026**, a program was conducted on the Global CLAD (Certified LabVIEW Associate Developer), which afforded students the chance to obtain an internationally recognised certification that would validate their LabVIEW abilities.

- The **ISF** in the ECE Department of **Shri Ramakrishna Institute of Technology (SRIT), Coimbatore, TN**, coordinated the subsequent events. ***(i)*** A workshop on "Using AI for Fundraising and Investor Pitch Preparation" on **Jul 11, 2026**. Shri R Yuvan Karthi, RF Engineer at Foxconn Hon Hai Technology India Mega Development Pvt Ltd, Bangalore, conducted the session. He elaborated on the importance of AI in their support of entrepreneurial ventures and startups. Participants acquired knowledge regarding the utilisation of AI tools for financial planning, business model development, and market research. The workshop underscored the importance of utilising AI-powered platforms to create effective investor pitch decks. The speaker also introduced prompt engineering techniques to generate impactful business content and presentations. Numerous funding opportunities, including government schemes, angel investors, and venture capital, were also addressed. Practical demonstrations and an interactive question-and-answer session comprised the session. The workshop bolstered entrepreneurial abilities and motivated students to utilise AI to achieve startup success and innovation. In total, 42 students from the fields of ECE, CSE, and IT participated in this event and received benefits.

(ii) The Electronics and Communication Engineering (ECE) Students' Association – ASCONIC and the IETE Students' Forum (ISF) for the academic year 2026-2027 was launched with considerable excitement on **Aug 6, 2026**, heralding a new year characterised by "innovation, leadership, collaboration, and learning." The event was honoured by Shri Blessington Praveen P., Senior Engineer – Actuation, Control & Fluid Management Systems at Pricol Pvt Ltd Coimbatore, and a distinguished graduate of the 2018–2022 ECE cohort, served as the Chief Guest. In his motivational speech, he urged students to engage in government-organized hackathons, innovation contests, and project development initiatives. He additionally provided significant perspectives on funding alternatives for projects and encouraged pupils to investigate developing technologies via inventive initiatives. A notable feature of the event was the live exhibition of ASCON and LIVI Robo prototypes by the students, illustrating their ingenuity, technical proficiency, and enthusiasm for invention. The Executive Committee and Office Bearers of ASCONIC 2026 were unveiled, and diplomas were awarded to students who distinguished themselves in a range of technical and non-technical contests conducted across numerous universities. Dr A N Jayanthi, Assoc Prof and Faculty Advisor, emphasised the advantages of belonging to a professional society. ***(iii)*** The AICTE-IDEA Lab at Sri Ramakrishna Institute of Technology hosted a webinar on "Current Trends in the Semiconductor Industry" on **Aug 8, 2026**. The endeavour was facilitated by Texas Instruments Bangalore AMS DV Engineer Ms S Prarthana. Dr AN Jayanthi, ISF Coordinator and ECE Assoc Prof, welcomed the audience. The facilitator gave a technical presentation on the theme and informed students on semiconductor industry developments, technology, and career prospects. The session provided valuable insights into the fast-growing semiconductor industry and its growing role in modern electronics. Current developments in VLSI design, semiconductor manufacturing, cutting-edge process technologies, AI chips, chiplets, complex packaging, IoT, 5G/6G communications, automotive electronics, and semiconductor usage in electric cars were discussed. Domestic semiconductor production, supply-chain improvement, and the growing need for high-performance, energy-efficient semiconductor devices were also stressed. The lively seminar helped students apply their academic knowledge to semiconductor applications. About 25 second- and third-year ECE students benefited from this program. ***(iv)*** A seminar titled "The Role of FPGA/VLSI in Real-Time Applications" took place on **Sept 12, 2026**. Dr AN Jayanthi presented opening remarks and introduced the speaker. The workshop was led by Dr S Munaf, Asstt Prof, who emphasised the importance of FPGA and VLSI technologies in contemporary electronic systems and their utilisation in real-time settings. He elucidated the essential principles of FPGA and VLSI, including their architecture, design methodologies, and their significance in the creation of high-speed and dependable electronic systems. The lecture emphasised the benefits of FPGA-based systems, such as parallel processing, adaptability, reconfigurability, superior performance, and quick prototyping. The workshop featured an engaging dialogue and a question-and-answer segment, allowing students to resolve their uncertainties and enhance their comprehension of FPGA/VLSI technology and their real-world applications. Ms P Devi extended her gratitude and expressed appreciation to all individuals for contributing to the success of this event. Approximately 25 students from the II & III year-ECE, participated in this program and reaped its benefits. ***(v)*** **"**E-HUNT" was held during the Engineers' Day 2026 festivities on **Sept 15, 2026**. E-HUNT was conceived as an exhilarating technical competition for teams of three, encompassing a variety of captivating rounds such as Clash Code, Don't Blink, Who Am I?, Mystery Comp, and E-Quiz. Every round required students to exhibit their logical reasoning, observational skills, technical expertise, problem-solving abilities, rapid cognition, creativity, and collaborative efforts. The occasion also fostered cooperation, critical analysis, judicious decision-making, and engaged involvement in both technical and extracurricular pursuits.

- The following activities were organized by the **ISF** at the **Marri Laxman Reddy Institute of Technology and Management (MLRITM) in Hyderabad, Telangana:** ***(i)*** "Orientation Program for BTech 2nd Year" on **Jul 13, 2026.** The event aimed to introduce students to departmental academic plans, examination structures, faculty expertise, professional opportunities, and co-curricular activities, preparing them for a successful academic journey ahead. ***(ii)*** A three-day "Hands-on Workshop – "From Project to Publication and Patent: A Hands-on Research Workshop" organized by ECE department, delivered by Dr Srinivas Nallagonda, Professor and HoD, ECE, MLRITM and Dr R Raja Kishore, Assistant professor, ECE, MLRITM from **Jul 23-27, 2026**. The workshop provided participants with practical knowledge and hands-on experience in research writing, publication, and patent filing, fostering innovation and strengthening the research ecosystem. The coordinators for this event were Dr R Raja Kishore and Mrs P Lavanya faculty members of ECE department. Around 200 students (IV yr BTech and MTech students) attended and got benefitted. ***(iii)*** A "Technical Treasure Hunt" event was organized by the ECE and EEE Depts from **Aug 4-8, 2026,** offering an engaging and innovative platform for students to test and enhance their technical skills through a series of challenging clues, puzzles, problem-solving activities, and treasure-discovery tasks. Approximately 600 students, exclusively from I-yr BTech, actively participated in the event and benefited from the program. ***(iv)*** Organized "Star Alumni Interaction Program" on **Aug 8, 2026**, in which the Star Alumni - Shri P Manohar, Qualcomm, Embedded Engineer, Hyderabad, shared his experiences and insights with the current students. ***(v)*** A three-day workshop titled "Ansys Electronics HF: Antenna Design, RF Analysis & Electromagnetic Simulation" was successfully held during **Aug 20-22, 2026**. The seminar offered experiential training in antenna design, radio frequency analysis, and electromagnetic modelling. A total of 81 students and staff members were present, which included 7 external participants from MVSR, JBIT, SRI INDHU, and St Peter's. ***(vi)*** A one-day workshop titled "Silicon Core: Hands-on Digital System Design & FPGA Prototyping" was held on **Sept 29, 2026.** The session offered students hands-on experience with Verilog, digital system architecture, and FPGA prototyping utilising the Nexys A7 board. The seminar was led by Dr K Manikanta, Associate Professor of ECE, and organised by Dr G Siva Sankar Varma, Assistant Professor of ECE. ***(vii)*** A one-day workshop about BTech Minor and Honours Degrees, Technical Certifications, and Internships for R24 and R25 students took place on **Sept 30, 2026**. The initiative sought to enhance knowledge on educational prospects, professional qualifications, internships, and skill enhancement in accordance with the MLRS R24 & R25 Regulations.

- The **ISF** at the ECE Department of the **Manakula Vinayagar Institute of Technology (MIT), Puducherry**, conducted the following activities: ***(i)*** A career guidance program on "Job Opportunities in Industries" led by Shri Suvadhanan T, Founder and CEO of Sacdeeil

Aerospace Pvt Ltd, Navarkulam, Tamil Nadu, on **Jul 15, 2026**. The primary objective of his session was to assist students in the transition from the academic environment to the professional working environment. ***(ii)*** A guest lecture on "Recent Trends in 5G-Driven Embedded Systems: From Edge AI to Industrial IoT" was held on **Aug 21, 2026**, by Dr M Phemina Selvi, Asstt Prof and HoD of ECE, University College of Engineering, Anna University, Villupuram. The lecture began with a detailed look at 5G network architecture and its suitability for embedded and machine-type applications. These include ultra-reliable low-latency communication, large machine-type communication, and improved mobile broadband. ***(iii)*** A guest lecture on "Recent Trends in Evolution of Mobile Communication and Open RAN" was arranged on **Sept 4, 2026**, by Shri Gopinath Baskaran, Telecom Technology Leader, Chennai. The lecture traced the evolution of mobile communication from the early voice-centric 2G networks to the data-driven 3G and 4G/LTE generations, and ultimately to the present-day 5G systems. Additionally, Dr K Vinoth, Asstt Prof at the SRM Institute of Technology in Chennai, conducted a guest lecture on "Building Autonomous AI Agents: From Prompts to Real-World Automation" on the same day. The talk began with a detailed look at the evolution from rule-based programs to massive language models to autonomous agents that can pursue a preset goal. ***(iv)*** A two-day technical workshop on "Internet of Things Using ESP32" on **Sept 10-11, 2026**, conducted by Shri Mohammed Fadil R, Co-Founder of Adroiit Technovations. The students subsequently acquired the ability to integrate sensors with the ESP32 board and to establish wireless connectivity through the use of Wi-Fi and Bluetooth Low Energy (BLE). The session provided participants with practical experience with the building blocks of real-world IoT devices by examining the acquisition, processing, and transmission of sensor data.

- The **ISF** at **Parul University (PU), Vadodara, Gujarat,** organised an IETE Student Membership Awareness Session at PIET, Parul University, on **July 17, 2027**. The session was attended by Dr Hetal Pathak, Hony Secretary, IETE Vadodara, and Ms Miksha Solanki, Asstt Prof, PIET. It highlighted the benefits of IETE student membership, including technical workshops, expert lectures, industrial visits, project competitions, internships, certifications, networking, and leadership development. Students were guided through the membership registration process and eligibility criteria, and encouraged to actively participate in IETE activities to enhance their technical skills and career prospects.

- The **ISF** at the ECE Department of **St Peter's Engineering College (SPEC), Hyderabad, Telangana**, organised the following activities during June and July 2026: ***(i)*** An awareness session on "Samsung Solve for Tomorrow 2K26" was arranged on **Jun 18, 2026**, at Rojamma Hall for III and IV Year BTech, ECE students. The session covered competition themes, eligibility, registration, evaluation stages, and participation benefits, encouraging students to develop innovative solutions to real-world problems. A total of 150 students participated. ***(ii)*** An online webinar on "VLSI and Semiconductor Design – Future Opportunities" was conducted on **Jul 8, 2026**, by Shri Venkatesh Nukella, VLSI design engineer and industry trainer. The session covered semiconductor industry trends and key stages of integrated circuit design, from RTL design and verification to fabrication and testing. A total of 160 BTech students participated. ***(iii)*** An awareness seminar on MSME opportunities was organised on **Jul 16, 2026,** to familiarize students with opportunities offered by the Ministry of Micro, Small and Medium Enterprises (MSME). Resource persons: Dr K Prasanna Kumar and Dr Ch Sai Teja explained how to transform academic projects into viable business proposals and align innovative ideas with relevant themes and industrial sectors. The seminar was attended by 80 III year ECE students. ***(iv)*** A guest lecture on Embedded Technologies: Industry 4.0 and a MoU signing ceremony was held on **Jul 22, 2026**. The industry experts from SANSI RF and Communication Systems Pvt Ltd delivered a guest lecture on Embedded Technologies and Industry 4.0 for III and IV Year ECE students. The programme also included the signing of a MoU with the company. ***(v)*** An event titled, "Synapse 404" was held on **Jul 25, 2026**, for IV year ECE students. The event featured three rounds—a Technical Hint Round, a Logical and Fun Quiz, and a Cup C\hallenge. The activities promoted technical knowledge, logical reasoning, teamwork, and communication skills through friendly competition.

- The **ISF** in the Dept of Electronics and Telecommunication Engineering (E&TC), **Ajeenkya DY Patil School of Engineering (ADYPSOE), Lohegaon, Pune, Maharashtra**, organised the following activities in July and August 2026 ***(i)*** On **Jul 20, 2026,** Dr F B Sayyad, Principal; Prof Bhagyashree Vyas, SPCR and Dr Kanchan Vaidya, HoD-E&TC Dept. introduced the II-year students to the department's vision, mission, infrastructure, academic strengths, and development opportunities. Academic Coordinator Prof Prachi Deshpande described the curriculum, examination procedure, and enrichment activities, while Prof Bhagyashree Vyas advised students on career planning, internships, industry expectations, and placement. Club coordinators from EESA, IETE, AWS, HAM, Ecore, and Robo & Drone introduced their activities and student engagement opportunities. ***(ii)*** 40 students attended a two-day Yagi Antenna and FOX Hunt workshop on **Jul 24–25, 2026**. Dr Kanchan Vaidya explained antenna types and characteristics. Shri Manish Ghatge (VU3IFQ) showed a 144 MHz three-element Yagi antenna. Students built antennas in groups using specified materials and tested them with a vector network analyser. Shri Vilas Rabade (VU2VPR) taught radio tuning and antenna design. ***(iii)*** On **Aug 18, 2026**, an industry visit to Bharat Electronics Limited (BEL) in Pune was planned. Third-year E&TC students visited Bharat Electronics Limited (BEL) in Pune to learn about electronics and engineering applications. ***(iv)*** The ISF held E-Levate Bootcamp X Eureka PitchFest 2026 on **Aug 21–22, 2026**. The Entrepreneurship creation Cell (ED Cell) - ANVAYA, ADYPSOE, with assistance from IETE, ISTE, and the National Entrepreneurship Challenge (NEC) 2026 of IIT Bombay, fostered entrepreneurial thinking, innovation, and startup creation. It had 90 registrants and 25 teams presenting concepts in AI, AgriTech, Industrial IoT, e-waste management, education, personal safety, food technology, and sustainability. Students presented creative startup concepts and received professional feedback at the Eureka PitchFest. ***(v)*** SE and TE E&TC students from 6 faculties visited 9 BRD on **Sept 29, 2026.** Students learned about depot-level repairs, electronic testing and calibration, system integration, technological incubation, and advanced testing equipment. Students learned how to operate HF, VHF, satellite navigation systems, GPS receivers, and Pilot Rescue Beacons in defence. The tour was enriching, helping students apply theory to practice and learn about Defence Electronics careers. ***(vi)*** SE,TE, and BE E&TC students attended Vidyut-2026 on **Sept 30, 2026**.The program began with a lightening ceremony and Sarswati pooja by Principle Dr F B Sayyad, Dr Kanchan Vaidya (E&TC HOD), professors, and student event coordinators. The Vidyut Program on Games promoted student athletics

and recreation. The program encouraged student fitness, mental skills, teamwork, and discipline. Indoor and outdoor games like Carrom, Chess, Tug of War, and Cricket were included. The event was successfully organised thanks to ₹5,000 in sponsorship from the IETE Pune Centre. ***(vii)*** An online expert session on "Introduction to Academic Writing: Research Methods and Paper Structure" was held on **Oct 1, 2026**. Final year engineering students and instructors attended the session to improve their research and academic writing skills. Dr Pankaj Chandankhede, Asst Prof, GH Raisoni College of Engineering, Nagpur, an accomplished academic and researcher, led the session. He taught academic writing basics and research methodology. ***(viii)*** Wg Cdr J Sreekanth spoke on basics and defence applications to SE and TE E&TC students and faculty on **Oct 6, 2026**. Students learnt about military electronics and telecommunication engineering in the presentation. Military technology basics and applications in radar, communication, navigation, surveillance, electronic warfare, and other important areas were covered. Research, innovation, and technology were also highlighted in the presentation.

- The **ISF** at the Dept of ECE, **SRM Valliammai Engineering College (SRMVEC), Kattankulathur, Tamil Nadu,** organized ***(i)*** a seminar on "Chiplet & 3D IC Integration" on **Jul 22, 2026**, with Shri S Ryan Ebenezer, Senior DFT Engineer, Struent Semiconductors Pvt Ltd, Chennai, as the resource person. The seminar was coordinated by Dr S Senthilmurugan and Mrs Christy Mathew Priya. ***(ii)*** Another workshop on "Wireless Communication System Design using MATLAB Communication Toolbox" was held on **Aug 20, 2026**, with Dr Arun Kumar E, Vice President–R&D, Retech Solutions Pvt Ltd, Chennai, as the resource person, coordinated by Dr C Amali and Shri S Marirajan. Around 180 students benefited from the programmes through technical learning and practical exposure.

- The **ISF** at **Army Institute of Technology (AIT), Dighi Hills, Pune, Maharashtra**, organized the FE Induction Programme 2026–27 on **Jul 22–23, 2026**. The programme featured four industry experts and AIT alumni who shared insights on research, innovation, and career development. Dr Alok Mukherjee, Scientist 'G' (Retd.), R&DE (Engrs), DRDO, Pune, and CEO, i4Marine Technologies Pvt Ltd, discussed defence research, technological innovation, and entrepreneurship. Shri Karan Malhotra, Assoc Dir, Accenture, Pune, and AIT alumnus (2007), emphasized strong technical fundamentals and practical learning in core electronics and communication engineering. Shri Amit Kumar Singh, Deputy Principal Engineer and Automotive Embedded Systems Architect, and AIT alumnus (2015), highlighted emerging automotive technologies, including electric vehicles, autonomous driving, and advanced driver assistance systems (ADAS). Shri Baikunthanath Dwibedi, Lead Engineer and Electrical & Electronics Engineering Specialist at Eaton, and AIT alumnus (2015), discussed industry expectations, hands-on experience, engineering fundamentals, and compliance standards in high-reliability sectors. ***(ii)*** The ESCALADE Zonal Prelims were held on **Jul 16, 2026** at Army Institute of Technology (AIT), Pune, in the presence of Chief Guest Dr B P Patil, Principal, AIT, along with the HoD, faculty, staff, and II - year Electronics and Telecommunication (ENTC) students. Participants designed, assembled, tested, and operated pole-climbing robots using motor-driven wheels for controlled vertical movement. The event promoted practical engineering skills, innovation, teamwork, and problem-solving, while fostering technical collaboration between AIT and IIT Guwahati through CEAR. ***(iii)*** A guest session was conducted by Shri Vinay Kunwar, Founder Director, IndiaFIRST Robotics, on Physical AI and robotics. He shared insights into emerging robotics trends, industry developments in India and globally, and the skills required by future innovators. The session helped students understand the difference between traditional automation and adaptive Physical AI. ***(iv)***The **ISF** organized a one-day hands-on workshop on "Enabling Project-Based Learning with MATLAB, Simulink, and Target Hardware**"** on **Jul 03, 2026**, in association with MathWorks DesignTech Systems Pvt Ltd The workshop introduced students to MATLAB and Simulink, mathematical and system modelling, and Model-Based Design, helping them apply these tools to academic projects and practical engineering applications. ***(v)*** A guest session was conducted by Shri Nikhil Joshi, AI Security Researcher at Straiker AI, Bengaluru, on "Security of Machine Learning (ML) Applications." He shared insights into emerging security challenges, industry developments, and the skills required to address security risks in ML applications. The session highlighted real-world industry practices and was well received by the participants. ***(vi)***A one-day workshop on "PCB Design & Manufacturing" was organized on **Aug 20, 2026,** with Ms Rekha Pawar of Arthtech Automation Service, Pune, as the Chief Guest. Attended by faculty members and second-year ENTC students, the workshop provided hands-on training in KiCad, covering schematic design, PCB layout, routing, Gerber generation, and fabrication. It equipped students with practical skills to design and fabricate PCBs for academic and real-world projects.

- The **ISF** at the ECE Department of **Sri Sairam Engineering College (SSEC) in Chennai, TN**, organised a variety of activities. These activities included the successful marking of the beginning of a vibrant academic year filled with technical, professional, and leadership activities by the Association Inauguration 2026–2027 on **Jul 23, 2026.** Dr Hemavathi S delivered the keynote address, which motivated students to pursue excellence in research, innovation, and lifelong learning. The program enhanced students' comprehension of professional society activities and motivated them to make a meaningful contribution to the department's technical ecosystem. ***(ii)*** An alumni talk on "Final Stretch for Placement Preparation" was conducted on **Sept 11, 2026**, by Shri Guhan S R, P Java and Aptitude Trainer at Jai Shri Ram Engineering College. ***(iii)*** On **Sept 15, 2026,** the 72nd Engineers' Day was observed, commemorating Shri M Visvesvaraya and his quote "Work is worship and hard work is the key to success." Also reiterated the significance of engineering in the development of a sustainable future. Acknowledged Shri M Visvesvaraya's contributions to the development of the nation and the field of engineering. Promoted the importance of hard work and innovation in the academic and professional lives of students. ***(iv)*** Ms Sarojini Maurya, Scientist-E at NIOT, Government of India, delivered a guest lecture on "Exploring the Oceans, Opportunities and Challenges" on **Sept 17, 2026**. The resource person initiated the session by emphasising the significance of oceans in the preservation of the Earth's ecological equilibrium. The students were introduced to a variety of ocean exploration topics, such as marine ecosystems, ocean resources, subsea exploration, marine transportation, offshore energy, and ocean-based technologies.

- The **ISF** at the ECE Department, **Kongu Engineering College (KEC)**, **Perundurai, Erode, Tamil Nadu,** organized Voices'26 on **Jul 27, 2026**. On this occasion Dr Timothy D Paul, Chief Operating Officer, Nunnari Labs, delivered an invited talk on "AI in IoT and Automation,"

highlighting industry applications, emerging trends, and career opportunities. The interactive session provided students with valuable industry insights, practical perspectives on AI and IoT integration, and a clearer understanding of emerging technologies, industry expectations, and future career opportunities in intelligent automation.

- The **ISF** at **KJ's Trinity Academy of Engineering, (TAE), Pune** conducted the following events: ***(i)*** A two-day workshop titled "Artificial Intelligence (AI) and its Applications using MATLAB" on **Jul 28-29, 2026**. The session was facilitated under the able guidance of Shri Ankit Kumar, Application Engineer at Math Works Design Tech System Pvt Ltd, who acted as the key resource person. The sessions covered AI fundamentals, MATLAB-based AI tools, machine learning applications, data analysis, deep learning, real-world problem-solving approaches, and emerging trends in intelligent systems. ***(ii)*** An Elocution event was conducted on **Aug 6, 2026**. The initiative sought to enhance students' communicative competencies, self-assurance, oratory skills, and proficient articulation of concepts. Students engaged enthusiastically in the activity and presented talks on several subjects. ***(iii)*** Department-Level Smart India Hackathon (SIH) 2026 was scheduled for **Sept 3, 2026.** The event motivated students to demonstrate their ingenuity, creativity, analytical abilities, and collaboration through significant concepts and resolutions. The event was executed with the assistance and direction of R&D Coordinator Shri Rajesh Yawle. And on the same day Psychology & Mental Health Summit 2026 was organized. The Summit provided students valuable insights into mental health, human behaviour, stress management and career opportunities in psychology. Trinity Academy of Engineering, Pune sincerely thanked Dr Deepthi Kulkarni for her valuable support and Ms Dipali Gupta for successful coordination. ***(iv)*** On **Sept 8, 2026**, four sessions for students at Quantum Hall were arranged, featuring "Never Give Up" presented by Shri Sumit Urkudkar, a Principal's Talk by Dr. R J Patil, a HOD's Talk by Dr DD Kulkarni, and a Student Clubs Interaction led by Ms Dipali Gupta and Mrs Hina Naaz. The sessions emphasised self-assurance, objective formulation, organisational principles, departmental initiatives, student prospects, and engagement in several clubs. ***(v)*** An expert talk titled "From Real-World Problems to Projects" was held on **Sept 15, 2026**, for all teaching staff. The workshop was facilitated by Dr Vishal Sardeshpande as the lead resource. He provided significant perspectives on innovation, entrepreneurship, and transforming real-world challenges into impactful initiatives. The session proved to be exceptionally enlightening and motivating for every attendee. ***(vi)*** Sports Trials were conducted from **Sept 22-30, 2026**, offering pupils an opportunity to showcase their athletic abilities, physical fitness, collaboration, and competitive nature. These were executed under the supervision of the departmental Sports Coordinator, Shri Mahesh Sapate. The department commended all pupils for their spirited involvement and sportsmanship.

- The following activities were organised by the **ISF** at the ECE Department of **RMK Engineering College, RSM Nagar (RMKEC), Chennai TN,** during the term under review: ***(i)*** A guest lecture on "Microprocessor & Microcontrollers & its Applications" on **Aug 10, 2026**, delivered by Dr K Mariammal, Assoc Prof of the EE Dept at Madras Institute of Technology, Anna University, Chennai. He emphasised the significance of microprocessors and microcontrollers in contemporary embedded and electronic systems and urged the students to utilise the expert session to its fullest potential. On the same day, Dr S Vasuhi, Prof of Electronics Engineering at the Madras Institute of Technology, Anna University, Chennai, delivered another guest lecture on "Antenna & Wave Propagation & Its Applications." The primary objective of the guest lecture were as follows: to enhance students' fundamental comprehension of electromagnetic wave propagation and antennas, to provide an explanation of the operating principles and significant attributes of various antenna systems, to acquaint students with the characteristics of radiation and antenna parameters. ***(ii)*** Dr Chithra S, Assoc Prof of Computer Technology at Madras Institute of Technology, Anna University, Chennai, delivered a guest lecture on "Recent Trends in Cyber security and Ethical Hacking" on **Aug 11, 2026**. The primary objectives of the guest lecture were as follows: to raise awareness of the current cyber security landscape and emerging cyber threats, introduction to the fundamentals and principles of ethical hacking for students, to comprehend prevalent security challenges, attack mechanisms, and vulnerabilities, to acquaint students with contemporary cyber security standards and defensive strategies. ***(iii)*** Dr P Nirmal Kumar, Prof of Electronics and Communication Engineering and Additional Director of the Center for Distance Education at Anna University, Chennai, delivered a guest lecture on "Analysis of BJT Amplifiers" on **Aug 12, 2026**, to enhance the students' fundamental comprehension of BJT amplifier circuits, to elucidate the characteristics and operating principles of amplifiers that are based on BJTs, to comprehend the various amplifier configurations and their respective applications and to provide students with an understanding of input impedance, output impedance, voltage gain, and current gain. On the same day, Dr V Jeyalakshmi, Prof of the Dept of Electronics and Communication Engineering at Anna University in Chennai, delivered another guest lecture on "Digital CMOS Design & Delay Model," in order to fortify students' comprehension of the fundamental principles of digital CMOS design, to provide a comprehensive explanation of the operation and design of CMOS logic circuits, to introduce the concept of propagation delay in digital CMOS circuits, to comprehend the importance of RC-based delay models in the design of VLSI. ***(iv)*** A guest lecture on "Control Systems & Time Response Analysis" was delivered by Dr Sutha S, Professor of Instrumentation Engineering at MIT, Anna University, Chennai, on **Aug 13, 2026**. She provided an explanation of the fundamental concepts of control systems and also addressed the significance of feedback in enhancing system performance. The resource person provided an explanation of the importance of transfer functions in system modelling and analysis, as well as the characteristics of open-loop and closed-loop control systems.

- **The ISF** at the ECE Dept of **Jerusalem College of Engineering (JCE), Chennai,** organised an event titled, "Design to Deploy" on **Aug 11-12, 2026**.

- **ISF** at **Kongunadu College of Engineering and Technology (KNCET) Tholurpatti Post, Thottiam Taluk, Trichy** organised a guest lecture on "Telecom Transmission: Technologies and Equipment" on **Aug 18, 2026**. The event commenced with a welcome address delivered by Kavya Shree N J, (III Year ECE). Dr M Dharmalingam, HoD, ECE, spoke on the occasion. He highlighted the benefits of IETE student membership and briefed the students on various technologies used in telecom transmission. The resource person, Shri S Kamalakannan, Junior Telecom Officer, National Internet Backbone Division, BSNL, Karaikudi, delivered a detailed presentation on "Telecom Transmission:

Technologies and Equipment". He explained various telecom transmission technologies and their practical applications. He also discussed the role of different transmission equipment used in telecommunication networks and shared practical insights from his professional experience. He motivated the students to learn about various emerging technologies in telecom communication in line with current industry trends. The event concluded with a vote of thanks proposed by Rithanya M, III year ECE.

- **ISF** at **Velavar College of Arts and Science for Women (VCAS), Tiruvannamalai, TN,** organised a guest lecture on Industry 5.0: The Role of AI and Human – Machine Collaboration in the Current Digital Era on **Aug 19, 2026,** delivered by Dr D Vijendra Babu, Chairman, IETE Chennai Centre & Associate Professor, Grade 1, School Electronics Engineering, Vellore Institute of Technology, Vellore.

- Dr D Vijendra Babu, Chairman, IETE Chennai Centre delivered a guest lecture "Industry 5.0: Human-centric Smart Manufacturing : The Future Role of ECE Engineers" at **ISF,** at **Arunai Engineering College (AEC), Thiruvannamalai, TN** on the same date **(Aug 19, 2026)** in the afternoon session.

- On **Aug 20, 2026**, the **ISF** at the EC Department of **Takshashila University (TU) in Villupuram, TN**, conducted a PCB ProLab – PCB Design Workshop, coordinated by Shri Anukolu Sidhartha Reddy. The workshop concentrated on the development of Industry-Ready Electronic Design Skills, practical implementation and PCB Design. The PCB design workflow, which encompassed circuit conception and PCB layout, was introduced to the students. The program provided participants with practical experience that exceeded the scope of theoretical classroom instruction.

- The ISF executed the subsequent activities at the EC Department of **DY Patil Institute of Technology (DIT) in Pimpri, Pune,** Maharashtra: ***(i)*** Coordinated a visit to an orphanage as part of its social outreach and community involvement initiatives on **Aug 22, 2026**. The distinguished guest was Shri Manoj Mhaske, the Founder of the Shiv Shakti Foundation. The program was designed to inspire engineering students to comprehend their societal obligations and cultivate empathy, compassion, ethical consciousness, collaboration, and proficient communication. ***(ii)*** The event "E-Connect 2026" to Connect-Learn-Innovate, took place on **Sept 22, 2026**. The distinguished guest was Dr Mithra Venkatesan, Head of the E&TC Department. The primary aims of the orientation program were: to familiarise I-year students with the E&TC Department, its faculty, and departmental initiatives. The additional significant personalities present included Dr Mahua Bhowmik, Dr Smita Desai, Dr Madhavi Repe, Dr Bhuvaneshwari Jolad, and Dr Nilakshee Rajule**.** ***(iii)*** A Machine Learning workshop took place on **Sept 24, 2026**. The chief guest was Shri Harshal Andhale alongside Shri Aniket Inagale. The more notable dignitaries present included Dr Mithra Venkatesan, Dr Smita Desai, and Shri Amit Kshirsagar. The session comprised a blend of interactive lectures, demonstrations, discussions, and hands-on activities. The primary tasks undertaken throughout the program included: Introduction to Machine Learning; types of ML; ML workflow; introduction to ML algorithms; practical demonstration; interactive discussion.

- The **ISF** at the Department of ECE, **Punjab Engineering College, Deemed to be University (PEC), Chandigarh**, organized two activities: ***(i)*** A talk on "5G for Everything" at the 5G Use Case Lab for 45 students from CGC Landran, led by Dr Simarpreet Kaur, on Aug 25, 2026. The session covered 5G fundamentals, architecture, and real-world applications, followed by a live demonstration of the lab testbed and an interactive Q&A. ***(ii)*** A Business Model Canvas session on **Aug 31, 2026**, led by Shri Abhishek Chauhan, Founding Partner, Samvedanam Consulting, for the startup cohort. The session explored customer needs, problem validation, pricing, product-market fit, and deep-tech startups. The activities were conducted under the guidance of Dr Simranjit Singh, Assoc Prof, PEC, with the support of Shri Vivek Sood, Programmer, 5G Use Case Lab, and BTech students.

- The **ISF** at **Pune Vidyarthi Griha's College of Engineering and Technology** and **Management (PVG's COETM), Vidya Nagari, Pune Maharashtra** was inaugurated on **Aug 25, 2026,** followed by an expert talk on "Role of Professional Societies in Career Development." Dr Madhuri A. Joshi, former Professor and Head of E&TC and Dean of R&D, College of Engineering, Pune, was the Chief Guest. She highlighted the benefits of joining professional societies such as IETE, IET, IEI, and IEEE, emphasizing networking, professional visibility, and technical development. The programme was attended by Dr Sandip R Patil, Chairman, IETE Pune Centre, along with department heads, faculty members, and ISF representatives. Dr Patil was also felicitated by the Chief Guest on his election as Chairman of the IETE Pune Centre. ***(ii)*** A five-day Student Development Workshop was organized on **Sept 7-11, 2026**. The chief guest was Shri Abhijeet Deogirikar, Copper Cloud IOTech founder, Director, and CEO. He discussed the IOT-Gateway: The bridge 4.0. Hands on IoT Experience Necessary for Industries. The various sessions were : Introduction to IoT & Industry 4.0; Sensors, Actuators & Embedded Systems; IoT Communication Protocols; Cloud-Edge Integration; Orchestration & Solution Design and Capstone Project & Recap. The important dignitaries attended were: Dr Sandip R Patil, Program Coordinator, Chairman -IETE Pune Centre; Dr P G Shete, Head E&TC Department, PVG's COETM, Pune; Prof Tanuja S Khatavkar, ISF Faculty Coordinator; Prof V V Sovani, Faculty Coordinator; Prof S K Bavkar Faculty Coordinator and Organizing Committee, ISF Members, Student member**.** ***(iii)*** A Tech Talk on Semiconductors – Evolution and Design Cycle was conducted on **Sept 11, 2026** by Shri Raja Goel, System Architect/Engineering Director. The session began by establishing semiconductor knowledge as the foundation for industrial work, highlighting the relevance of core subjects to ENTC companies and their application in design engineering roles. Shri Goel connected classroom concepts to real products, stressing that modern tools and AI improve productivity only when engineers have strong fundamentals to evaluate results correctly. The notables attended were: Dr P G Shete, HoD, E&TC, PVG's COETM, Pune, Prof Tanuja S Khatavkar, ISF Faculty Coordinator, Prof Nilesh Kuchekar, TESA Faculty Coordinator, Organizing Committee, ISF Members, Student members & Department members. ***(iv)*** On **Sept 15, 2026,** the "Engineers Day Quiz" (online) was conducted as a three-level online exam that encompassed networking/ IoT, programming, and electronics in honour of Engineers' Day. 92 students from PVG COETM and numerous other institutions in Pune, Mumbai, Nashik, and Ratnagiri participated in the event, which received an enthusiastic response. An inter-collegiate dimension was added to the event by the participation of students from outside the college, which facilitated a broader range of engagement among engineering students. Seven participants achieved a perfect score of 55/55, indicating exceptional

performance in all three levels. In recognition of their participation and enthusiasm, all participants received certificates of participation, while the top performers were awarded certificates of appreciation. The event effectively offered students a captivating platform to demonstrate and evaluate their technical expertise.

- The **ISF** at the ECE Department of **Saveetha Engineering College (SEC) in Sriperumbudur** hosted ***(i)*** A lecture titled "AI-Driven Cybersecurity: Machine Learning Techniques for Modern Threat Detection" on **Aug 29, 2026**, presented by Dr Anwar Basha Haffishthullah, Senior Lecturer at the Faculty of Data Science and Information Technology, INTI International University, Nilai, Malaysia. The lecture emphasised the significance of data governance in contemporary organisations, which encompasses data quality, security, privacy, compliance, and decision-making. ***(ii)*** A workshop entitled "Silicon to Chip: Synopsys EDA RTL to GDSII Flow" on **Aug 29, 2026**, conducted by Shri T A Bharathwaj, Director of Silicon Engineering at Stealth Mode Startup in Chennai, covered the entire ASIC implementation process, including RTL, synthesis, floorplanning, placement, clock-tree synthesis, routing, timing analysis, physical verification, and GDSII generation. ***(iii)*** A seminar on "From Engineering to Entrepreneurship: Transforming Real-World Issues into Real Products" on **Aug 29, 2026**, conducted by Shri Vijaya Saravanan N A, Founder of CapChek, provided a comprehensive explanation of the significance of generating values, the methods by which one can earn from engineering, the importance of understanding the business, the cost-effectiveness of knowledge due to AI, and the significance of each effort. ***(iv)*** Shri Panayappan, Operations Manager at Amazon, Chennai, delivered a seminar on "Building Trustworthy AI, Decisions & the Future of Work: Staying Human in an Intelligent World" on **Aug 29, 2026**. The resource person elucidated the significance of ethical, responsible, and trustworthy AI, as well as the increasing utilisation of AI-based technologies to enhance operational efficiency, reform workplace practices, and support decision-making. ***(v)*** A seminar on "AI-Driven Transformation in Modern Telecommunication Networks" on **Aug 29, 2026**, conducted by Shri Bimal Parida, Associate Director at Verizon Communication. The resource person introduced and investigated the emerging role of AI tools in the engineering domain. The emphasis was on the ways in which these tools can help engineers, researchers, and educators improve their productivity, creativity, and problem-solving abilities***.*** ***(vi)*** A seminar on "Compact Modelling for Advanced CMOS and Beyond: From PDK Sign-Off to 2D Device-Circuit Co-Design" was on **Aug 29, 2026**, conducted by Dr Arnab Pal, Device Modelling Engineer at Intel Corporation, USA. He provided insight into the impact of AI on the semiconductor device modelling sector. ***(vii)*** Dr G Prabhakaran, Maintenance Engineering, Hyundai Motor India Limited, Chennai, conducted a technical seminar titled "RoboFusion – Where Robotics Meets Industry" on **Aug 29, 2026,** by providing learners with an introduction to the most recent trends, technologies, applications, challenges, and career prospects in robotics. The seminar endeavoured to bridge the gap between academic knowledge and real-world industrial practices. ***(viii)*** Dr Sairam Sundararajan, AI Application Engineer, Research and Development, Qmax Test Equipments Ltd, delivered a guest lecture on "Design and analysis of Frequency Selective Surfaces for EMI applications using Deep Neural Networks" on **Aug 29, 2026**. He elucidated the practical significance and fundamentals of AI-based approaches for the design and optimisation of metasurfaces, emphasising the potential of computational intelligence to enhance electromagnetic performance and reduce the time and complexity associated with traditional design methodologies. ***(ix)*** A guest lecture on "Think Beyond the Degree" on **Aug 29, 2026**, was delivered by Ms Preethileela Selvaraj, Director of BMW TechWorks India, Chennai. She provided a detailed explanation of the concept of "thinking beyond the degree," which is a call to action to redirect our attention from a mere piece of paper to a mindset of lifelong learning, adaptability, and continuous growth. She underscored that a degree may serve as a foundational credential or provide access to opportunities, but it is no longer a guarantee of everlasting career stability.

- **ISF** at ECE Dept, **SRM Institute of Science & Technology (SRMIST), Ramapuram, Chennai, TN** organized a invited talk on "AI based Solutions in Electronics and Communication" on **Sept 2, 2026**, delivered by Shri D Ramesh Babu, Embedded Practice, Tata AutoComp System Ltd (TTC), Chennai. The session highlighted the importance of AI in areas such as intelligent embedded systems, automation, predictive maintenance, automotive electronics, signal processing, computer vision, and real-time decision making. The speaker also emphasized the increasing demand for engineers who possess interdisciplinary knowledge of AI, embedded systems, electronics, communication technologies, and industry practices.

- The **ISF** at **Vellore Institute of Technology (VIT), Vellore** hosted a Tech Talk titled "Experiential Education & Research Using Immersive XR Technologies" on **Sept 7, 2026**, presented by Shri J Visweswaran, Country Manager - Higher Education, ARK Infosolutions Pvt. Ltd, Bangalore. On the same day, another event hosted an Industry Academia Conclave - Tech Talk: 3D Experience Platform: Virtual Worlds for Real Life, was presented by 3DEXPERIENCE Platform & Virtual Twin Solutions, Advanced Reality Solutions, Bangalore. ***(ii)*** An IAC 2026 - Hackathon AI at the Edge: Addressing Daily Challenges was held on **Sept 7, 2026**. ***(iii)*** A guest lecture titled "The Role of Academia in Promoting Sustainable Innovation" was delivered on **Sept 7, 2026**, by Shri Robin Thomas, an expert in the Olive Electronics Industry. ***(iv)*** An Ideation Workshop titled "Innovation Starts with You: Think, Create, Build" was conducted on **Sept 8, 2026**, by Shri Sriharsha Nallamilli, Head of Strategic Partnerships & Demand at the National Entrepreneurship Network, supported by the Wadhwani Foundation in Bengaluru.

- The **ISF** at the Dept of Electronics and Communication Engineering (ECE), **Anil Neerukonda Institute of Technology & Sciences (ANITS), Sangivalasa, Visakhapatnam District, Andhra Pradesh**, in association with the IETE Visakhapatnam Centre, organized two programmes in September 2026. A GATE Guidance and Doubt-Clearing Session was held on **Sept 9, 2026**, during which Shri Venkatesh Patnala, Senior Application Engineer, ANSYS, shared preparation strategies, practical insights, and career guidance with students. On **Sept 15, 2026**, as part of the Engineers' Day Celebrations–2026, a guest lecture on "AI in Digital Image Processing" was delivered by Dr B Jeena at the ECE Seminar Hall, with 143 students in attendance.

- **ISF** at ECE Dept of **Narula Institute of Technology (NIT), Agarpara, Kolkata, WB** and the Department of **CSE (AI & ML)** held a three-day Pre-Engineers' Day celebration from **Sept 9-11, 2026**. The program included a technical quiz where 18 teams demonstrated their technical, analytical, and teamwork skills. Trophies and certificates went to three winning teams. Dr Sagarika Chowdhury, HoD, CSE (AI & ML),

gave the inaugural address and encouraged student participation. A three-day IoT course for 60 students included hands-on training, live demos, and daily quizzes to promote learning and healthy competition. The presentation finished with thanks to teachers, Shri Alok Nath Pal, ISF teachers Coordinator, and student volunteers.

- The **ISF** at the **EC Department of Indus University in Ahmedabad, Gujarat,** organised a visit to Science City on **Sept 22, 2026.** The purpose of the visit was to provide students with valuable exposure to interactive science exhibits, emerging technologies, scientific innovations, and their practical applications. Through interactive exhibits and demonstrations, the students acquired knowledge about a variety of scientific and technological fields, such as Robotics, Space Science, Astronomy, Aquatic Science, Energy, Climate Change, and other emerging technologies. Dr Zalak Patel coordinated the event, which was attended by 100 students.

- An **ISF** was inaugurated at **St. Peter's Institute of Higher Education & Research (SPIHER) in Chennai** on **Sept 23, 2026** by Er Srinivasa Ramachandran, ADG (SZ) Retd and E C Members of IETE Chennai Centre. A guest talk on Clean Water Sustainability was delivered by Er Ramachandran, from All India Radio & Doordarshan, Chennai.

- **ISF** at the EC Dept of **Lords Institute of Engineering & Technology (LIET), Hyderabad,** organized an Industrial Visit to Radiant Appliances & Electronics, Hyderabad, on **Sept 26, 2026** for the BE 3rd Year ECE students. The visit was organized to provide students with practical exposure to industrial operations and to bridge the gap between classroom learning and real-world industrial applications.

IETE Women Achievers



Dr S Sumathi (F-150517) from IETE Chennai Centre, is a Professor in the Department of Electronics and Communication Engineering at Sri Sairam Engineering College, Chennai, with over 30 years of teaching and research experience. A committed professional member of IETE, IEEE, ISTE and BES, she has been associated with the IETE Chennai Centre since 2002, contributing extensively to its technical, academic and student-oriented activities.

Her IETE leadership includes serving as an Executive Committee Member and Honorary Treasurer, IETE Chennai Centre. She initiated the IETE Students' Forum (ISF) at Sri Sairam Engineering College in 2002, strengthening student engagement through technical activities, competitions and professional development programs with this commitment the institution has received the Best ISF Award for several consecutive years. She has made significant contributions to research, innovation and technology-driven societal development. Her scholarly investigations and project endeavours encompass a DAE-BRNS initiative in partnership with IGCAR, Kalpakkam, an IEEE SIGHT Tech4Good Vertical Tower Farming (Aeroponics) project aiding rural women's Self-Help Groups, and a COVID-19 research project focused on an IoT-enabled Smart Ventilator in collaboration with NIT Tiruchirappalli and MIT Square, London. Her scholarly and innovative achievements encompass 15 published patents, 2 awarded technology patents, 12 awarded design patents, and over 60 research papers. Her research domains encompass biometrics, image processing, biomedical engineering, pattern recognition, computer vision, and IoT-driven healthcare applications.

MESSAGE

"Leadership is not merely about achieving excellence; it is about creating opportunities for others to learn, lead and make a meaningful difference to society."

–Dr S Sumathi

Dr Sumathi's achievements have been acknowledged with several accolades, such as the SEEE Dr APJ Abdul Kalam Award for Innovative Research, the Woman Researcher Award, the Women Power India Awards, and the "Gem of Mentor of India" Award from Atal Innovation Mission. She has additionally acted as a Mentor of Change for the Atal Innovation Mission (AIM) under NITI Aayog, fostering innovation and experiential learning in school children. Dr Sumathi, in her role as an educator and mentor, advocates for experiential learning, research, innovation, and collaboration between industry and academia. Her leadership in IETE, along with her professional service, mentorship, and research, fosters the progress of engineering education, student growth, and the empowerment of women.



Dr Sumitra Singh (M-223390) from IETE Pilani Centre, is a Senior Principal Scientist (Scientist-F) in the Semiconductor Sensors and Microsystems Group at CSIR–Central Electronics Engineering Research Institute (CSIR–CEERI) in Pilani, possessing more than two decades of research expertise in semiconductor technology, advanced electronic devices, sensors, nanomaterials, and flexible electronics. Her research focuses on SiC power devices, graphene-based flexible and wearable sensors, semiconductor devices, and next-generation electronic systems for applications in energy, healthcare, robotics, and electric vehicles. She has served as Principal Investigator on major research projects funded by DRDO, CSIR, SERB and ANRF.
Her current research includes high-power SiC devices for electric vehicles under the ANRF MAHA-EV Mission, as part of a ₹20.57 crore project.

MESSAGE

"Let us keep learning, innovating, and inspiring one another to shape a better technological future. Together, we can turn ideas into impact and empower the next generation through science and technology."

–Dr Sumitra Singh

Dr Singh has authored and presented 100 research papers in national and international journals and conferences. Her notable contributions include the development of graphene-based flexible strain sensors for prosthetic hand applications and high-power SiC devices for emerging electric mobility technologies. Her research excellence has been recognized through several honours, including the Women Empowerment Award, Government of Rajasthan; Dr Swaraj Srivastav Memorial Research Encouragement Award; Innovation Showcase recognition at the India International Science Festival for a graphene-based prosthetic hand; and the Best Paper Award at IIT Kharagpur.

She is a Life Member of the Metrology Society of India (MSI), Optical Society of India (OSI), Indian Physics Association (IPA), and Semiconductor Society of India (SSI). Beyond research, Dr Singh actively contributes to academic mentoring, scientific dissemination, and professional activities. As a member of IETE, she has contributed to its technical and professional initiatives, promoting electronics and engineering education and fostering greater participation of young professionals in technology.

Through her sustained contributions to semiconductors, flexible electronics, sensors, and power devices, Dr Singh continues to advance technology for societal and strategic applications while inspiring and encouraging women to pursue leadership in science, engineering and technology.

IETE PAC Australia Celebrates its 24th International Symposium & Annual Day

IETE PAC (Professional Activity Centre) at **Australia** celebrated its 24th International Symposium & Annual Day on 25 July 2026 **at Murdoch University, Perth, Australia**. The event brought together professionals, academics, technology enthusiasts and members of the IETE community to exchange ideas, share knowledge and explore emerging technological developments.

The symposium witnessed the participation of approximately 90 attendees, including around 80 participants present at Murdoch University, along with online participants joining from several cities across Australia and overseas. The programme featured insightful presentations and demonstrations on emerging digital tools and applications. These sessions generated considerable interest among the participants and highlighted the growing role of Artificial Intelligence in enhancing productivity, creativity and efficiency in everyday life and professional activities.

The successful organisation of the event was made possible through the valuable support and encouragement of the Deputy Vice-Chancellor of Murdoch University, **Prof Don Klinger;** the Deputy Consul General of India, **Mr Naresh Ji;** the Mayor of the City of Melville, **Her Worship Katy Mair;** and the Mayor of the City of Canning, **His Worship Patrick Hall.** The organisers also expressed their sincere appreciation to the sponsors, distinguished speakers, volunteers and all those who contributed to making the symposium a success. The active participation of attendees at Murdoch



University, together with online participants from various Australian cities and overseas, added an international dimension to the celebrations.

Among the other notable personalities present at the event were **Dr Atul Garg OAM JP**, Chair, IETE Australia PAC; **Mr Balli Singh JP; Mr Eipe Chundamannil; Ms Valerie Monteiro; Prof Vidy Potdar; Mr Shibu John; Mr Puneet Rastogi; Mr Patrick Hall, Mayor of Canning** and **Ms. Katy Mair, Mayor of Melville**.

The symposium concluded on a positive and enthusiastic note, reflecting the commitment of IETE PAC to promoting technological awareness, professional development and international collaboration. The enthusiasm, active engagement and collective efforts of all participants and contributors made the 24th International Symposium & Annual Day a memorable occasion.













Awards & Achievements



Commander (Retd) Atul Kumar Garg (LF-092649) the article highlights the achievement of an Indian-origin engineer who received the Medal of the Order of Australia (OAM) in the 2026 **King's Birthday Honours** for his outstanding community service. With over five decades of engineering experience, including 19 years in the Indian Navy, he is a Fellow of IETE for over 30 years and established the IETE Australia Chapter in 2017. Alongside his professional career, he has contributed over three decades to voluntary community service. *IETE offers heartfelt congratulations on this prestigious distinction, which reflects his commendable contributions and dedicated service over five decades.*



The Bureau of Indian Standards (BIS) has endorsed the re-nomination of **Dr Jyotsna Kumar Mandal (LF-232495)** as Convenor of **ISO/IEC JTC 1/SC 36/WG 7**, "ITLET – Culture, Language and Individual Needs", for a three-year term from **January 2027 to December 2029**. *IETE extends its heartiest congratulations to Prof Mandal on this significant recognition and wishes him continued success in this important and challenging assignment.*



Prof Sanjeevikumar Padmanaban (LF-501049), SMIEEE has been conferred the prestigious **'Eduleaders Global Research & Scientific Excellence Award – 2026'** in recognition of his outstanding contributions to research, innovation and academic excellence. He has been serving as Professor in the Department of Electrical Engineering, IT & Cybernetics at the University of South-Eastern Norway since December 2022. He has been consistently featured among the 'World's Top 2% Scientists' in the rankings published by Stanford University and Elsevier since 2019, reflecting his sustained impact on the global research community. *IETE extends its heartiest congratulations to Prof Padmanaban on this remarkable achievement and wishes him continued success in his academic and professional endeavours.*



Dr Prashant R Nair (F-158488), Chairman of the IETE Coimbatore Centre, has been appointed as the **Deputy Registrar** of the prestigious, top-ranked University, Amrita Vishwa Vidyapeetham, Coimbatore. He is a distinguished academician, administrator, researcher and innovation mentor with over 25 years of experience, including international experience in the USA and Europe. He has also been elected as the Chairman of the IEEE Podhigai Subsection under the IEEE Madras Section for the term 2026-2027. *IETE extends its heartiest congratulations to Dr Nair.*



Dr Vijay Kumar Singh (F-504536), Chairman of the IETE Ranchi Centre, has been appointed as a Member of the Planning Board of Jharkhand State Open University (JSOU), Ranchi, with the approval of the Hon'ble Chancellor, Governor of Jharkhand. He is entrusted with contributing to strategic planning, academic development, policy perspectives, and institutional growth towards advancing quality higher education. *IETE extends its heartiest congratulations to Dr Singh.*

IN MEMORIAM

The IETE fraternity convey heartfelt condolences to the bereaved families of esteemed members who embarked upon their last journey.



Prof RK Arora (DF-042878), Distinguished Fellow and former President, passed away on 23 July 2026, leaving behind an extraordinary legacy of service, wisdom and technical excellence. He was also a visionary leader, eminent academician and pioneer in the field of electronics and computer engineering. Prof Arora served with distinction at the Indian Institute of Technology (IIT) Delhi, where his scholarly contributions, dedicated teaching, and research played a key role in nurturing generations of engineers and researchers. During his tenure as President of IETE from 1996 to 1998, his exemplary leadership strengthened the organization's professional reach, fostered academic rigor and advanced the institute's mission to promote electronics and telecommunications across the nation.



Dr M Basavaraj, (**LF-170119**), a distinguished professional and esteemed member of the Institution from Gulbarga, Karnataka passed away on 22 June 2026. Dr Basavaraj was a dedicated technologist, academician and an active member of the engineering fraternity. Throughout his professional career, he contributed significantly to the advancement of engineering education and technology, earning the respect and admiration of his colleagues, students and peers.

As a Fellow of IETE, he remained closely associated with the Institution and supported its objectives of promoting excellence in electronics, telecommunications, information technology and allied disciplines. His commitment to professional development and knowledge dissemination will be remembered with gratitude. With his passing, the engineering community has lost a valued member whose contributions and service will continue to inspire future generations.

We pray that the Almighty grants eternal peace to the departed souls and bestows strength, courage and solace upon the bereaved families to bear this irreparable loss.

New IETE Members Enrolled/Upgraded during 1st May to 31st August 2026

S.N.	Mem	Cat	Name
1	106838	AM	SAHU, ANIL KUMAR
2	507776	AM	K, VASANTHA KUMAR
3	507777	AM	TIWARI, ANKIT, DR
4	507778	AM	KUMAR, YOGESH, DR
5	507872	AM	CHANDRIKA, BASAGONDA
6	507873	AM	WADE, VIJAYLAXMI
7	507891	AM	A, PARAMESWARI, DR
8	507892	AM	T, PRABU, DR
9	507893	AM	G, KAVI PRIYA
10	507894	AM	S, KIRUBA
11	508065	AM	B, PREMALATHA, DR
12	508082	AM	SAHU, MEGHA, DR
13	508094	AM	THUMMALURU, SREENATH REDDY, DR
14	508108	AM	K, SINDHUJA
15	508109	AM	MONDAL, DIPAK
16	508110	AM	P, HARIKRISHNAN
17	508113	AM	CHITAKALA, HARINI
18	508121	AM	MISHRA, SHIVANG
19	508126	AM	R, RATHEESH
20	508142	AM	KAMADI, VENKATA SATYA RAM PRASAD VARMA
21	508145	AM	KAUR, AMANDEEP, DR
22	099374	F	BHARATHI, VIJI
23	116474	F	MAINUDDIN, DR
24	166204	F	ABULAISH, MUHAMMAD, DR
25	177240	F	BHUSARI, HEMA, DR
26	181547	F	SIROHI, SUDHIR KUMAR
27	197633	F	MAHATO, DHARMENDRA PRASAD, DR
28	203217	F	SARKAR, GAUTAM, DR
29	217127	F	BHANWARA, SANJAY KUMAR
30	217130	F	RANE, SONAL, DR
31	223258	F	WAHUL, REVATI, DR
32	231972	F	KUMARI, SHIPRA, DR
33	234532	F	CHANDURE, ONKAR
34	236126	F	JANA, BHASKARA RAO, DR
35	238039	F	G N, VIVEKANANDA, DR
36	501511	F	KALLE, RITESH KUMAR, DR
37	501675	F	THANKACHAN, DOLLY
38	501860	F	MOGHE, PIYUSH, DR
39	502187	F	SHETKAR, SHARANBASAPPA, DR
40	502191	F	SWAMY, BASAVALINGA, DR
41	502192	F	VIVEK, JALADI, DR
42	502232	F	MODI, SHRUTI, DR
43	502235	F	PATIL, VINITA, DR
44	502244	F	PRATAPUR, SATISH, DR
45	502538	F	BATT, SUHAIB AHMED, DR
46	506155	F	S, HEMAVATHI, DR
47	507691	F	YARAMAS, SATISH KUMAR
48	507730	F	SHARMA, SANDEEP
49	507731	F	SRIVASTAVA, SHARAD KUMAR
50	507732	F	KARNA, SATISH KUMAR
51	507733	F	JOSHI, OMKAR
52	507734	F	D, MANIKANDAN
53	507735	F	BAJPAI, MANISH KUMAR, DR
54	507736	F	SHAIK, ABDUL RASHEED
55	507737	F	SANUBALA, KAPIL CHAKRAVARTHY
56	507738	F	GANDIKOTA, LOKANATHA REDDY
57	507739	F	HAIDERY, ALI ABBAS
58	507740	F	P, HARIPRASAD
59	507741	F	P A, PRASSATH, DR
60	507742	F	PITTALA, SURESH KUMAR, DR
61	507743	F	SATYARAJ, D, DR
62	507744	F	KALE, SANGEETA N, DR
63	507745	F	PENTAPATI, V K RAMESH
64	507746	F	A, KAMESWARAN
65	507753	F	OMOIKE, OREOLUWA
66	507754	F	KHAN, SAAD
67	507755	F	KUMAR, VIJAY, DR
68	507756	F	BAGAM, NAVEEN
69	507757	F	QUMAR, JAWED, DR
70	507758	F	ARUMALLA, RAMA KRISHNA REDDY
71	507759	F	BUDATI, SATISH REDDY
72	507760	F	BAUSKAR, SANJAY
73	507761	F	AGRAWAL, RAKESH KUMAR
74	507762	F	PRABHU, SRIRAM R
75	507763	F	MARIMUTHU, GOPALAKRISHNAN
76	507764	F	KHARCHE, CHANDRASHEKHAR
77	507765	F	BANDI, MADHU
78	507766	F	SINGH, MEGHA
79	507767	F	GUDLA, NEELAKANTAM
80	507768	F	USHMANI, AZHAR, DR
81	507769	F	SINGH, SUKHDEEP, DR
82	507770	F	K, MADHAN RAJ, DR
83	507779	F	PATEL, YESHA
84	507780	F	NARANG, SURENDRA
85	507781	F	HAZRA, JOYDEV, DR
86	507782	F	SAWLE, YASHWANT, DR
87	507783	F	SHAH, ANKIT
88	507784	F	BISWAS, SUJAN
89	507785	F	TIWARI, MANOJ KUMAR
90	507786	F	VANIPENTA, RAMA SANJEEV REDDY
91	507787	F	SINGH, ANURAG, DR
92	507788	F	HIREMATH, VISHWANATH
93	507789	F	YADAV, VIVEK
94	507790	F	ELUMALAI, ANBALAGAN
95	507791	F	SANDRA, KULADEEP
96	507792	F	TAMBI, VARUN KUMAR
97	507793	F	MIRZA, MOHAMMED AQUIL, DR
98	507794	F	WANI, TENVEER AHMAD
99	507795	F	TOMAR, ARJIT, DR
100	507796	F	PRABHAKAR, BUDIGI, DR
101	507797	F	BIBHU, VIMAL, DR
102	507798	F	YADAV, VEERENDRA, DR
103	507804	F	PRADHAN, AJOYA KUMAR, DR
104	507805	F	MISHRA, VISHWAMBHAR NATH, DR
105	507806	F	JAGADEESWAR REDDY, G, DR
106	507807	F	MOHAMMED, JAVEED AHAMMED, DR
107	507808	F	DARA, KRISHNA SUMAN
108	507809	F	B, RAJANARAYAN PRUSTY, DR
109	507810	F	PARUCHURI, JEEVAN KRISHNA
110	507811	F	SANGOLE, SANDEEP
111	507812	F	KOLLU, BHASKAR REDDY
112	507813	F	GANGANNAGARI, GANESH KUMAR
113	507814	F	SUBAHAN, ASKER SHARIFF
114	507815	F	MUNIRATHNAM, SHEKAR
115	507816	F	ALLALA, SHYALENDAR REDDY
116	507817	F	PRASAD, NAVNEET
117	507818	F	RANJAN, PIYUSH, DR
118	507819	F	SHIRKE, RUPESH
119	507846	F	BANOTHU, RAMANA NAIK, DR
120	507847	F	MUTHUSAMY, SENTHIL KUMAR, DR
121	507848	F	SHANMUGAM, JEGAN
122	507849	F	RAMALINGAM, JAYAKUMAR
123	507850	F	M S, JOSE PRABHU
124	507851	F	UTHAMAN, NEETU
125	507852	F	GUPTA, KAMLESH KUMAR
126	507853	F	BATTULA, VENKATARAMANA
127	507854	F	MARJORIE, S ROJI, DR
128	507855	F	GUPTA MAHESH KUMAR
129	507856	F	SHARMA, RAVI KANT
130	507857	F	T, RAKESH
131	507858	F	POTHALAIAH, SAKE, DR
132	507859	F	NARSIMHULU, GORRE, DR
133	507860	F	GUGULOTHU, BHASKAR, DR
134	507861	F	BEEBIREDDY, DIVYA, DR
135	507862	F	ROJI, Y, DR
136	507863	F	KANIGANAHALLI, R SATHISH
137	507864	F	CHALASANI, SUNEETHA, DR
138	507865	F	PANDEY, GAURAV KUMAR
139	507866	F	PAI, RAGHURAM MALPE
140	507867	F	POTHARAJU, VIDYA SAGAR, DR
141	507874	F	JUKAKU, MUHAMMED LUQMAN
142	507875	F	PANDAKASALA BABY, DENYES
143	507876	F	SADAT, QUAZI TAIF, DR
144	507877	F	CHOUDHARY, MEENAKSHI, DR
145	507878	F	KALLAYIL S, SARATH KUMAR
146	507879	F	MANI, KARTHIK
147	507880	F	DWIVEDI, PRIYANKA, DR
148	507881	F	BAGCHI, SUDESHNA, DR
149	507882	F	NATARAJ, CHANDRASEKHARAN, DR
150	507883	F	MANGALI, MADHUKAR
151	507884	F	BALAMURUGAN, KAVITHA, DR
152	507885	F	M V, SRINAGESH
153	507886	F	CHAUHAN, LAKSHYAJEET SINGH, COL
154	507887	F	ROHIT, DR
155	507888	F	ADABOINA, SRINIVASA REDDY
156	507895	F	SINGH, MAHESHWARI PRASAD, DR
157	507896	F	PANDAY, GANESH
158	507897	F	SINGH, VINAY KUMAR, DR
159	507898	F	SHAKEB, SHAHBAZ
160	508060	F	JOTHILINGAM, PREMANAND
161	508062	F	KURMENDRA, DR
162	508063	F	SINHA, SOURAV
163	508064	F	S, JOACKIM RAJA NEWTON
164	508066	F	PELLREDDY, RAJENDER
165	508067	F	KUMAR, SANDEEP, DR
166	508069	F	ARORA, PRAHAL
167	508070	F	KESAV, O HOMA
168	508071	F	SINGH, AJAY KUMAR, DR
169	508072	F	MURALITHARAN, ARUNSANKAR
170	508073	F	ALLURU, SAI VISHNU
171	508074	F	KALA, MAHESH
172	508075	F	T.VENKATA SATYA PRASANTH
173	508076	F	K, VENKATESHA
174	508077	F	S, SUJTHA, DR
175	508078	F	GATTUPALLI, KRISHNA KUMAR
176	508079	F	CHINTHAMALLA, SUNDEEP KUMAR
177	508080	F	VUPPULURI, S V NAGA PRAVEEN
178	508081	F	CHINTALAPU, HARISH
179	508083	F	CHITLANGE, VIJAY VALLABHDAS
180	508084	F	PARTHASARATHY, ADITHYA
181	508085	F	PRADHAN, ANUSHKA, DR
182	508086	F	SINGH, SHIVENDRA KUMAR
183	508087	F	ROY, ABHIJIT
184	508088	F	VERMA, DHIRENDRA
185	508090	F	CHAKRABORTY, RUDRA PRATAP
186	508091	F	SHANIGARAPU, NARESH KUMAR, DR
187	508092	F	LAKAVATH, SHEKAR RAO
188	508093	F	THOMBARE, SACHIN LAXMAN
189	508095	F	VERMA, AMIT KUMAR
190	508096	F	SINGH, VISHV NATH
191	508098	F	JOSE LEJIN P J
192	508099	F	KONDIPARTHI, BHAGRAVI MITRA
193	508100	F	KUMAR RAJESH
194	508101	F	DESHPANDE, GAJENDRA CHIDAMBAR
195	508102	F	CHAUDHARY, ARUN
196	508103	F	AKKAMBETH CHATHOTH, RIJEESH
197	508104	F	A, AROCKIA BAZIL RAJ, DR
198	508105	F	CHAKRAVERTY, DEVASHISH
199	508106	F	VANDANA KUMARI
200	508107	F	MALLA, VENKATA GANA SAGAR
201	508112	F	ABHAY KUMAR
202	508114	F	PRAKASH, AMBUL
203	508115	F	SHENOY, HARISH MANOHAR
204	508116	F	PANWAR, RAVI, DR
205	508118	F	KOLLU, RAVINDRA
206	508119	F	CHINTHAM, SIVA KUMAR
207	508120	F	H, ARUN PRAKASH
208	508122	F	VEERABAKU, MUTHU GANESH
209	508123	F	PERIYASAMY, RAJA
210	508124	F	SINGH, MEENA, DR
211	508125	F	SAVAJIYANI, KETANKUMAR
212	508127	F	RAMALINGAM, RAJASHIVA
213	508129	F	MESALA, ABHILASH RAO
214	508130	F	KUMAR, NAVJOT, DR
215	508131	F	VELLORE MUNEESWARAN, MANIKANDAN
216	508133	F	REDDY, TRINADH, DR
217	508134	F	GUNASEKARAN, SURESH KUMAR
218	508135	F	BISHNOI, VIKAS
219	508137	F	KUMAR, VIJAY, DR
220	508138	F	LNU, YUKTI
221	508139	F	LAXMI, VIJAYA, DR
222	508140	F	SAHA, SOURAV, DR
223	508141	F	KOLETI, PRASAD RAO
224	508143	F	SHAH, SMIT NITINKUMAR
225	508144	F	NAIK, SUGALI VISWANATHA
226	507747	M	S, SAMRAJ
227	507748	M	N, MURUGAN
228	507749	M	K, VEERA INBA PRIYA DARSHINI
229	507750	M	D, CHITRA
230	507751	M	B, RAJESHWARI
231	507752	M	MONDAL, AYAN, DR
232	507771	M	SANGEETHA, JENIFER
233	507772	M	R, PRAVEENA, DR
234	507773	M	SINGH, SATYA PRAKASH
235	507774	M	GAURAV KUMAR, DR
236	507775	M	THAKUR, VANDANA
237	507799	M	GARG, PRIYANKA, DR
238	507800	M	SHUKLA, RITU
239	507801	M	K, JASMINE MYSTICA, DR
240	507802	M	KAUSHIK, BHAWNA
241	507803	M	RATHORE, BHAVNA, DR
242	507820	M	C, SENTHIL KUMAR, DR
243	507821	M	C, KARUPPASAMY, DR
244	507822	M	R, PON VENGATESH, DR
245	507823	M	J, KOHILA, DR
246	507824	M	R, JAIDHARNI, DR
247	507825	M	P, MUTHU THIRUVENGADAM, DR
248	507826	M	S, SEETHALAKSHMI
249	507827	M	E, SELVAMANJU, DR
250	507828	M	N, THENMOEZHI, DR
251	507829	M	J, HEMALATHA, DR
252	507830	M	P, SENTHILPANDIAN, DR
253	507831	M	S, MEENAKSHI SUNDARAM, DR
254	507832	M	S, KATHIRVELPANDIAN
255	507833	M	M, KARUPPASAMY, DR
256	507834	M	D, RAMYA
257	507835	M	R, VINOTHKUMAR
258	507836	M	MURUGESAN, PALPANDIAN, DR
259	507837	M	S, SUNDAR STALIN
260	507838	M	P, VIGNESHWARAN
261	507839	M	C, SHANMUGA RAJA
262	507840	M	B, PADMANABAN, DR
263	507841	M	G, JAYAHARI PRABHU, DR
264	507842	M	K, PADMAPRIYA
265	507843	M	M, GAYATHRI
266	507844	M	DEVABALAN, P, DR
267	507845	M	P, NIRMAL KUMAR, DR
268	507868	M	P, ARCHANA
269	507869	M	BASAVRAJ
270	507870	M	JADHAV, LATA
271	507871	M	SHARMA, VANDANA
272	507889	M	QUAZI, RUHINA, DR
273	507890	M	DASH, A SMRUTI
274	508068	M	SIROHI, SOUMYA
275	508097	M	BALA, PRIYANKA
276	508111	M	P, NAVANEETHAKRISHNAN
277	508117	M	LAHGERE, AVINASH, DR
278	508128	M	PRASAD, KUMAR DEBI, DR
279	508132	M	B R, PRASANTH
280	508136	M	VARGHESE, DEEPA MARY
281	508146	M	ASERY, RAKESH
282	G00704	ORG	RAJKIYA ENGINEERING COLLEGE, KANNAUJ
283	G00705	ORG	MANAV RACHNA UNIVERSITY, FARIDABAD
284	G00706	ORG	DHANALAKSHMI SRINIVASAN UNIVERSITY, TRICHY
285	G00707	ORG	INDIAN INSTITUTE OF BUSINESS MANAGEMENT, PATNA

AM = Associate Member F = Fellow M= Member ORG = Organizational Member

IETE AIC – 2026



IETE Awardees-2026

IETE extends its heartfelt congratulations and best wishes to all the distinguished awardees on this well-deserved recognition of their outstanding contributions and achievements.

IETE Main Awardees-2026

- **IETE - Ram Lal Wadhwa Award -2026**

  Awardee - **Dr Binoy Kumar Das,** Electronics & Communication Systems (ECS), Defence Research & Development Organization (DRDO), Bengaluru

- **IETE - Hari Ramji Toshniwal Award-2026**

  Awardee - **Dr Faruk AS Kazi**, Dept of Electrical Engineering, Veermata Jijabai Technological Institute (VJTI), Mumbai

- **IETE – Bimal Bose Award-2026**

  Awardee - **Shri Manmath Kumar Badapanda**, Dept of Atomic Energy, Raja Ramanna Centre for Advanced Technology, Indore

- **IETE - Lal C Verman Award-2026**

  Joint Awardee(s) - **Dr Surender Singh Saini**, Central Scientific Instruments Organisation-CSIO, Chandigarh and **Dr Anesh Kumar Sharma**, Electronics Corporation India Ltd (ECIL), Hyderabad

- **IETE - Flt Lt Tanmaya Singh Dandass Memorial Award-2026**

  Awardee - **Dr G Sivakumar**, Aerospace Electronics & Systems Division, CSIR-National Aerospace Laboratories, Bangalore

- **IETE - Prof K Sreenivasan Memorial Award-2026**

  Awardee - **Prof A Arockia Bazil Raj**, Dept of Electronics Engineering, Defence Institute of Advanced Technology (DIAT), DRDO, Pune

- **IETE - Prof SVC Aiya Memorial Award-2026**

  Awardee - **Prof Chinmoy Saha**, Dept of Avionics, Indian Institute of Space Science and Technology (IIST) Dept of Space, Govt of India, Trivandrum

- **IETE - Prof S N Mitra Memorial Award-2026**

  Awardee - **Shri Chakresh Kumar Jain**, Former Dy Director General, Prasar Bharati (All India Radio & Doordarshan).

- **IETE-CEOT Award (Biennial) -2026**

  Joint Awardee(s) - **Dr Simranjit Singh**, Dept of Electronics and Communication Engineering, Punjab Engineering College (PEC), Chandigarh and **Dr Sanjeev Kumar Raghuwanshi**, Dept of Electronics Engineering, Indian Institute of Technology (ISM), Dhanbad, Jharkhand

- **IETE - B V Baliga Memorial Award-2026**

  Awardee - **Shri K Venkateswara Rao**, Microwave Tube Research and Development Centre, Defence Research & Development Organization (DRDO), Bangalore

- **IETE-NV Gadadhar Memorial Award -2026**

  Awardee - **Dr Suraj Srivastava**, Dept of Electronics Engineering, Indian Institute of Technology (IIT), Jodhpur

- **IETE - B R Batra Memorial Award-2026**

  Awardee - **Ms Preeti Agrawal**, Technical Consultant, M/s Aimtron, Vadodara, Gujarat

- **IETE - R S Khandpur Award-2026**

  Awardee - **Dr Neelesh Kumar**, Biomedical Instrumentation Unit, CSIR-CSIO, Chandigarh

- **IETE – Brig M L Anand Award-2026**

  Awardee - **Shri Raju Gupta**, Samsung Research & Development Institute, Bangalore, Bengaluru

- **IETE – Biman Behari Sen Memorial Award-2026**

  Awardee - **Dr Bhaskar Kanseri**, Dept of Physics, Indian Institute of Technology, Hauz Khas, Delhi

- **IETE-Lifetime Achievement Award-2026**

  Awardee(s) - **Lt Gen (Dr) AKS Chandele, PVSM, AVSM (Retd)**, President Emeritus & Distinguished Fellow, IETE, Noida and **Prof GSN Raju**, Chancellor, Centurion University, AP

- **IETE- Smt Manorama Rathore Memorial Award-2026**

  Awardee - **Dr Taimoor Khan**, Dept of Electronics and Communication Engineering, National Institute of Technology (NIT) Silchar, Silchar Assam

- **IETE-Smt Ranjana Pal Memorial Award-2026**

  Awardee - **Prof Binod Kumar Kanaujia**, B R Ambedkar National Institute of Technology, Jalandhar

- **IETE-Smt Triveni Devi Gupta Memorial Award-2026**

  Awardee - **Dr Sangeeta Narendra Kale**, Defence Institute of Advanced Technology (DIAT), Pune

- **IETE-Technomedia Award for Young Women in Engineering-2026**

  Awardee - **Dr Anubha Goel**, Dept of Electronics and Communication Engineering, Maharaja Agrasen Institute of Technology, New Delhi

- **IETE-Shri Devi Singh Tyagi Memorial Award-2026**

  Awardee - **Dr C S Madhusudhana**, Programme Planning & Evaluation Group, (PPEG), U R Rao Satellite Centre, ISRO, Bengaluru

- **IETE-Shri P P Malhotra Memorial Award-2026** *(For IETE Organisational Member)*

  Awardee - **Sri Sai Ram Engineering College (G00586), Chennai**

- **IETE- Dr Sudhakar Rao Award-2026**

  Awardee - **Dr Gopi Ram**, Dept of Electronics & Communication Engineering, National Institute of Technology (NIT), Warangal

- **IETE – Sri C Viswanatha Reddy Memorial Award-2026**

  Awardee - **Dr Giuseppe Labate**, Netherlands Organization for Applied Scientific Research, Netherlands

- **IETE – Smt C Ranganayakamma Memorial Award-2026**

  Awardee - **Dr Garima Chopra**, Dept of Electronics & Communication Engineering, Chitkara University, Punjab

- **IETE- Yasodamma and Sarasavani Award-2026**

  Awardee - **Prof Vinay Chamola**, Dept of Electrical & Electronics Engineering, Birla Institute of Technology and Science (BITS) Pilani, Rajasthan

- **IETE – Prof Anita Gopal Dandekar Award-2026**

  Awardee - **Dr Manas Kamal Bhuyan**, Dept of Electronics and Electrical Engineering, Indian Institute of Technology (IIT) Guwahati, Assam

- **IETE – Dr K D Pavate Memorial Award-2026**

  Joint Awardee(s) - **Shri Jyotheswar Jettipalli**, Central Research Laboratory, Bharat Electronics Ltd (BEL), Bangalore and **Dr Manish Narwaria**, Dept of Electrical Engineering, Indian Institute of Technology, IIT Jodhpur and **Dr V Thulasi Bai**, Dept of Electronics & Communication Engineering KCG College of Technology, Chennai

- **IETE – Shri Mantej Singh Mangat Memorial Award-2026**

  Awardee - **Shri Balaji Salem Balasundram**, Amazon Web Services Inc., USA

- **IETE – Poojya Dr Sharnbaswappa Appaji Award for Women in Technology and Innovation-2026**

  Awardee - **Dr Sriparna Saha**, Dept of Computer Science and Engineering, Indian Institute of Technology (IIT) Patna

IETE Best Paper Awardees-2026

IETE SK Mitra Memorial Award- The best research-oriented paper	**Memcapacitor Emulator Based on Voltage Differencing Buffered Amplifiers** by *Mustafa Konal & Firat Kacar,* published in *IETE Journal of Research, Vol 71 no 4,* April 2025 issue, **pp 1411–1421.**
IETE J C Bose Memorial Award- The best engineering-oriented paper	**Frequency Diverse Array Radar Application for Drone Detection by** *Venugopal Kulkarni, A. Vengadarajan & K. P. Ray,* published in *IETE Journal of Research Vol 71 no 4,* April 2025 issue, **pp 1298–1314.**
IETE M N Saha Memorial Award- The best application-oriented paper	**High-Quality Factor Ultrathin Polarization-Insensitive Wide Angular Stable Elliptical-Shaped Microwave Absorber with Reconfigurability Features** by *Garima Tiwari, Manshree Mishra, Pramod Kumar Gupta, Trivesh Kumar and Biswajeet Mukherjee,* published in *IETE Journal of Research Vol 71 no 3,* March 2025 issue, **pp 960-968.**
IETE K S Krishnan Memorial Award- The best system-oriented paper	**Improving Human Activity Recognition in Smart Healthcare with Ensemble Deep Learning** by *Vaibhav Soni, Himanshu Yadav, Vijay Bhaskar Semwal & Sudhakar Tripathi,* published in *IETE Journal of Research Vol 71 no 3,* **March 2025 issue, pp 894–908.**
IETE CDIL Award for Industry- The best paper contributed by authors working in Industry	**AI-Powered Robotic Cloud Automation-Based Dynamic Task Allocation and Process Optimization Using E-WFO and C^{2}DRBM by** *Rajya Lakshmi Gudivaka, Dinesh Kumar Reddy Basani, Raj Kumar Gudivaka, Sri Harsha Grandhi, Basava Ramanjaneyulu Gudivaka, Sundarapandian Murugesan and M M Kamruzzaman* published in *IETE Journal of Research Vol 71 no 9,* Sep 2025 issue, **pp 2988-3001.**
IETE Gowri Memorial Award- The best paper on topic of general Interest	**FedHFP: A Federated Deep Learning Framework for Heart Failure Prediction by** *Anu Lohachab and Kuldeep Kumar* published in *IETE Journal of Research Vol 71 no 2*, Feb 2025 issue, **pp 479-491**
IETE Journal of Education Award- Two best papers from *IETE Journal of Education*	**i) WiFi Security - A Tutorial by** *P V Ananda Mohan and N Sarat Chandra Babu* published in *IETE Journal of Education Vol 66 no 2,* Jul-Dec 2025 issue, **pp 95-11** **ii) Teaching of Engineering Mathematics in the Era of Data Science and Artificial Intelligence by** *C P Ravikumar and Radha Gupta* published in *IETE Journal of Education, Vol 66 no 2,* July-Dec 2025 issue, **pp 130-143**

IETE Corporate Awardees-2026

- **IETE–Corporate Award for Performance in Development of Software (MSME)- 2026**

  Awardee - **byteXL TechEd Private Limited, Bangalore** Shri Karun Tadepalli, Co-Founder & CEO

- **IETE-Corporate Award for Performance in Electronic Components (MSME) -2026**

  Joint Awardee(s) - **Phytec Embedded Private Limited, Bangalore** Shri Baipalli Vallab Rao (Vasu), Managing Dire/tor and **SSD Polymers, Machilipatnam**, AP Dr P V Datta Prasad, Director Technical

- IETE Corporate Award for Performance in Electronic Instruments and Instrumentation (MSME) - 2026

  Awardee - **Conformity Testing Labs Pvt Ltd**, New Delhi Shri Arun Sachdeva, Managing Director

IETE Academic Awardee-2026

AMIETE CATEGORY

AMIETE Council Award-III for securing the highest percentage with 6.5 GPA and above marks and completing Part II of Section B (except project) in one attempt without exemptions.

Dec 2025	GPA	Mem. No.	Name
E & T Stream	9.5	SG-177150	**Shri Ajay Rawat**


IETE
सह वीर्यं करवावहै
IETE
New Delhi (HQ)
Third International Conference on
Smart Mobility Systems
(ICSMS-2027)
Call for Papers
Peer-reviewed, accepted, and presented papers will be considered for publication in a reputed journal or conference proceedings book series (proposal submitted).
Smarter Mobility for a Sustainable Tomorrow
Hundru Falls Ranchi
Tagore Hill Ranchi
BIRSA MUNDA RANCHI
Proceedings of the IETE's International Conference on Smart Mobility Systems
Proceedings of the IETE's International Conference on Smart Mobiiity Systems
https://link.springer.com/book/10.1007/978-981-95-3156-1
https://link.springer.com/book/9783022449299
17th & 18th July 2027
Organized By
Institution of Electronics & Telecommunication Engineers, New Delhi
Jointly with
IETE Ranchi Centre and IETE PAC Michigan, USA
Conference Website : https://icsms.in
Scan QR Code to Visit Website
IETE Website : https://www.iete.org
Scan QR Code to Visit Website
IMPORTANT DATES
Full Paper Submission : 15th March 2027
Notification of Acceptance : 1st June 2027
Submission of Revived Paper : 15th June 2027
Camere Ready Paper : 25th June 2027
Last Date of Registration : 1th July 2027
THEME
Connected Systems for Sustainable Smart Society
TRACKS
Smart Mobility
Electric Vehicle (EV) and Emerging Technologies
Intelligent Security Systems in Mobility
SG / 6G & IoT in Smart Mobility
Human Centric At in Mobility
Driving Data Analytics
REGISTRATION FEES
Participant Category | Indian (INR) | Foreigner (USD)
Author (General) | ₹ 3,000 | $ 280
Author (ATE/EVCS/TES Member) | ₹ 4,200 | $ 175
Delegates from Indlistry of Gav (Auther) | ₹ 10,000 | $ 330
Delegates from Academia (Non-Author) | ₹ 4,000 | $ 170
Delegates from Academia (Non-Author) IETE/IEVCS/EEE Member | ₹ 3,500 | $ 130
Attendee Only Offline | ₹ 1,000 | $ 50
Attendee Only Offiine | ₹ 1,500 | $ 75
• GST as applicable
CONTACT
• Prof. Jystona Kumar Mandal +91 82403 23373
• Prof. Debashish De +91 98303 63215
• Dr. Ajay Kumar +91 94311 00700
• Dr. M. H. Kori +91 93425 93870
• Prof. Vijay Kumar Singh +91 79034 97362
• Sairamakrishha BuchiReddy Kani +1 (925) 283-6363
• Dr. Manju Mum +91 93133 34788
PAPER SUBMISSION LINK
https://cmt3.research.microsoft.com/ICSMS2027
Scan QR Code to Submit Paper
Sponsoring Partner
Software Solutions LLC
— Join lus, Secewa Will Follow —
https://tssoftwares.com
USA
The AI Lab
Intelligence, Unsbscured
www.theailab.org
USA

R N I No 72487/99
Registered with the Registrar of Newspapers for India, Delhi under Regn No 72487/99

IETE signs an MoU with TV BRICS International Media Network, Moscow, Russia on 12 Sept 2026 at Lodhi Road, New Delhi



Published and Printed by: **Lt Col Dipankar Sen (Retd),** on behalf of the Institution of Electronics & Telecommunication Engineers	**Published from IETE, 2, Institutional Area, Lodi Road, New Delhi-110 003 (India)**	**Printed at** Dolphin Printo Graphics, 467-483/8, Oberoi Compound, Dilshad Garden Industrial Area, New Delhi-110 095	**Editor: Mrs Sandeep Kaur Mangat, Assistant Secretary**

Copyright © 2024 by the IETE.

Printing Cost per Copy: ₹ 4/-

R N I No 72487/99
Registered with the Registrar of Newspapers for India, Delhi under Regn No 72487/99