

The Chairman's Column...



Greetings to all esteemed students, supporters, and members of IETE. It is my privilege to present the **March–April edition of the IETE Noida Newsletter**. This edition captures the Centre's continued efforts in organizing impactful programs, technical activities, and collaborative initiatives during this period. It reflects our growing engagement in emerging technologies, skill development, and knowledge-sharing platforms aimed at empowering students and professionals.

We remain committed to fostering innovation, strengthening industry–academia collaboration, and promoting sustainable and technology-driven growth. This edition highlights our recent achievements, ongoing initiatives, and future plans, reaffirming IETE's dedication to technical excellence, professional development, and meaningful societal contribution. We continue to encourage active participation from students, researchers, academicians, and industry professionals through workshops, training programs, conferences, and collaborative activities that support knowledge sharing and skill enhancement in emerging technologies.

Through this newsletter, we aim to present a comprehensive overview of our recent activities, key initiatives, and achievements, while keeping our members well-informed, actively engaged, and closely connected with the Centre's ongoing developments and future plans. The newsletter also serves as a platform to recognize accomplishments, share technical insights, and promote awareness of innovative practices and opportunities that contribute to the growth of the engineering and scientific community.

With Best Wishes

Prof. G P Singh
Chairman
IETE Noida Centre

Highlights of the Newsletter

IETE Noida EC Meeting

57th IETE Mid Term Symposium & 8th International Conference on Contemporary Computing and Informatics (IC31-2026)

International Conference on ISO 14001 at Bureau of Indian Standards (MOCA) Govt. of India

International Training Session on E-Waste Management as a Sustainable Business Opportunity

News Around the World

Initiatives by IETE Noida and Centre of Excellence (CoE)

AI with Python: We will soon launch the "AI with Python" course to introduce learners to Python programming and basic AI concepts, helping them gain practical skills and explore real-world AI applications.

MS Office & Web Development Skill Development: We are pleased to announce that MS Office and Web Development classes will begin soon, helping participants build practical skills in Word, Excel, PowerPoint, as well as HTML, CSS, and basic web development concepts, enabling improved academic and professional efficiency.

EC Meeting

The Executive Committee meeting held on 28 March 2026 discussed key initiatives such as the PM Professorship awareness program and social media outreach. The committee also reviewed ongoing activities, evaluated progress on current initiatives, and deliberated on upcoming programs and strategic plans to further strengthen the Centre's outreach, visibility, and overall impact.

It was also highlighted that **Prof. (Dr) Shailesh Mishra represented the Institution of Electronics and Telecommunication Engineers (IETE) Noida Centre as Advisor – Technical and Regulatory Affairs at the International Conference on "New Changes in ISO 14001", held at the Bureau of Indian Standards (BIS), Ministry of Consumer Affairs, on 8 March 2026.** The conference discussed various aspects of the updates incorporated in ISO 14001, with members deliberating on best practices in environmental management aligned with global standards.

Members emphasized the importance of collaboration, active participation, and effective implementation of initiatives to achieve the centre objectives.



EC Meeting held on 28 March 2026

The Executive Committee meeting held on **25 April 2026** discussed key initiatives such as the **PM Professorship awareness program** and **social media outreach**. The committee also reviewed ongoing activities, evaluated progress on current initiatives, and deliberated on upcoming programs and strategic

plans to further strengthen the Centre's outreach, visibility, and overall impact. Members emphasized the importance of collaboration, active participation, and effective implementation of initiatives to achieve the Centre's objectives.



EC Meeting held on 25 April 2026

1. **Social Media:** The Chairman informed the members that key information, including details of the latest courses, ongoing and upcoming activities, and other important updates, is being regularly disseminated through the IETE Noida Centre's social media platforms to ensure effective communication, wider outreach, and enhanced engagement with members and stakeholders.
2. **Website:** The official website of the IETE Noida Centre has been successfully developed, reviewed, and finalized, with all essential sections, features, and updates fully integrated. The website has been officially launched and now serves as a centralized platform for information dissemination, official announcements, and enhanced member engagement. All important information, updates, and announcements will be regularly uploaded on the website to ensure easy access and awareness for all members.
3. **Contributions:** The Chairman urged the Executive Committee members to actively contribute to the growth of the **IETE Noida**

Centre of Excellence (CoE) and to strengthen the Centre's Newsletter by submitting **original, high-quality content**. Members were encouraged to share **technical articles, activity reports, achievements, case studies, and industry insights** to enhance the newsletter's relevance, quality, and overall outreach.

57th IETE Mid Term Symposium & 8th International Conference on Contemporary Computing and Informatics (IC3I-2026)

The 57th IETE Mid Term Symposium and 8th International Conference on Contemporary Computing and Informatics (IC3I-2026) was successfully organized by The Institution of Electronics and Telecommunication Engineers in association with Amity University on 29–30 April 2026 at Greater Noida. The conference was based on the theme "AI for Ubiquitous Connectivity and Sustainable Development" and aimed to promote research, innovation, and collaboration among academicians, researchers, industry professionals, and students from different parts of the country.



57th IETE Mid Term Symposium & 8th International Conference on Contemporary Computing and Informatics (IC3I-2026)

The event provided an excellent platform for exchanging knowledge and discussing recent developments in the areas of Artificial Intelligence, Machine Learning, Data Science, Internet of Things

(IoT), Cyber Security, Cloud Computing, Smart Communication Systems, and Sustainable Technologies. During the symposium, several keynote sessions, technical paper presentations, panel discussions, and interactive sessions were conducted by eminent scientists, professors, researchers, and industry experts.

Distinguished guests and delegates highlighted the importance of advanced technologies in solving real-world challenges and emphasized the role of Artificial Intelligence in building smart, connected, and sustainable systems for the future. The conference also encouraged young researchers and students to present their innovative ideas and research contributions in front of experts from academia and industry.



57th IETE Mid Term Symposium & 8th International Conference on Contemporary Computing and Informatics (IC3I-2026)

The symposium witnessed active participation from various educational institutions, research organizations, and professionals, making the event highly informative and successful. The organizers appreciated the efforts of all speakers, participants, volunteers, and committee members who contributed towards the smooth execution of the conference. The event concluded with a vote of thanks and a commitment to continue promoting research excellence, technological innovation, and academic collaboration in the coming years.

International Conference on ISO 14001 at Bureau of Indian Standards (MOCA) Govt. of India:

Prof. (Dr) Shailesh Mishra represented the Institution of Electronics and Telecommunication Engineers (IETE) Noida Centre as Advisor – Technical and Regulatory Affairs at the International Conference on “New Changes in ISO 14001” held at the Bureau of Indian Standards (BIS), Ministry of Consumer Affairs, on 8 March 2026. The conference was attended by eminent dignitaries including Prof. S.K. Sharma, Chairperson, EED 01, Chandan Bahal, Deputy Director General, BIS, and Mr. Virendra Singh, Head, EED 1 (Environment and Ecology Division).



International Conference on ISO 14001 at Bureau of Indian Standards (MOCA) Govt. of India held on 08 March 2026

During the conference, Prof. Dr. Shailesh Mishra discussed various aspects of the newly incorporated changes in ISO 14001, emphasizing their significance in strengthening environmental management systems and promoting sustainable industrial practices. The deliberations focused on the evolving regulatory framework, implementation strategies, compliance requirements, and the role of organizations in adopting globally aligned environmental standards.



International Conference on ISO 14001 at Bureau of Indian Standards (MOCA) Govt. of India held on 08 March 2026

The conference also provided an important platform for experts, policymakers, academicians, and industry representatives to exchange views on environmental sustainability, resource management, and best practices for achieving long-term ecological responsibility. Participants highlighted the importance of integrating modern environmental policies with technological advancements to ensure sustainable growth and improved environmental governance.

International Training Session on E-Waste Management as a Sustainable Business Opportunity:

On March 30, 2026, Prof. (Dr) Shailesh Mishra, Advisor for Technical and Regulatory Affairs at the IETE Noida Centre, conducted an intensive and specialized training session titled “E-Waste Management as a Sustainable Business Opportunity” for a delegation of 25 established entrepreneurs from Sri Lanka. Organised by the Ministry of Skill Development and

Entrepreneurship and sponsored by the Ministry of External Affairs' Indian Ocean Region (IOR) Division, this initiative underscores India's ongoing commitment to development partnerships and regional capacity building. The participating entrepreneurs represented a diverse array of sectors—spanning spice export, food processing, handicrafts, apparel, cosmetics, organic farming, charcoal production, and rural enterprises—reflecting a broad-based interest in embedding green practices across cross-functional industries.



International Training Session on E-Waste Management as a Sustainable Business Opportunity held on 30 March 2026

To bridge technical and structural knowledge gaps, the rigorous curriculum was meticulously designed to deliver both theoretical foundations and actionable operational strategies. On the regulatory front, participants analyzed the Basel Convention, regional e-waste handling guidelines, and the strategic implementation of Extended Producer Responsibility (EPR) frameworks essential for formal market entry. The technical breakdown of the e-waste value chain highlighted logistics, segregation, safe dismantling, and the highly lucrative domain of urban mining for precious metal recovery. Furthermore, the session explored advanced technology integration, demonstrating how small and medium enterprises (SMEs) can leverage IoT-based asset tracking, AI-driven sorting automation, and low-cost pyrolysis units optimized for rural deployment.



International Training Session on E-Waste Management as a Sustainable Business Opportunity held on 30 March 2026

Beyond technical execution, the program thoroughly addressed the financial and environmental viability of circular economy business models, providing practical methodologies for CAPEX/OPEX analysis, return on investment (ROI) estimation, life cycle assessments (LCA), and unlocking access to international green financing and carbon credits. By the session's conclusion, the Sri Lankan delegation was fully equipped to transform electronic waste from an industrial liability into a highly profitable, sustainable asset. Participants left with the competencies required to identify internal waste streams, establish compliant micro-enterprise collection models, and implement world-class occupational safety standards, successfully translating cross-border knowledge exchange into real-world alignment with United Nations Sustainable Development Goal 12: Responsible Consumption and Production.

News Around the World:

Workshop on Indigenisation of IT Applications at ISRO Headquarters:

The Indian Space Research Organisation (ISRO) organized a workshop on “Indigenisation of IT Applications” on 15 April 2026 at its Headquarters, aimed at fostering interaction between ISRO’s IT experts and select startups in the IT domain. The event witnessed participation from the Associate Scientific Secretary, Director (Promotion Directorate), IN-SPACe, Directors of various programme offices, and domain experts from across ISRO centres. The programme began with pitch presentations by six shortlisted startups, showcasing their technological capabilities and tailored solutions aligned with ISRO’s requirements. This was followed by an address from the Director, Promotion Directorate, IN-SPACe, highlighting startup support initiatives and the enabling ecosystem for industry collaboration, along with a session by the Director, DISM, ISRO Headquarters, focusing on opportunities for indigenization in critical IT areas. The workshop concluded with an interactive session that encouraged open dialogue, addressed participants’ queries, and paved the way for future collaborations and strategic partnerships.

International Conference on Spacecraft Mission Operations – SMOPS 2026:

The SMOPS-2026 Conference was held from 8–10 April 2026 in Bengaluru, India, jointly organized by ISRO, the Astronautical Society of India (ASI), and the International Academy of Astronautics (IAA). The conference focused on key areas such as mission operations, advanced mission design, Artificial Intelligence (AI), robotics, cybersecurity, large satellite constellations, and human spaceflight, bringing together experts from leading global space agencies, academia, and industry.

The event featured over 120 oral and 88 poster presentations, along with keynote sessions by international experts. A dedicated workshop for students and young professionals was also conducted, covering topics like space applications, robotic mission operations, and space domain awareness. The conference served as a significant platform for knowledge exchange, collaboration, and discussing emerging challenges and future innovations in space mission operations.

ISRO conducted Second Integrated Air Drop Test (IADT-02) for Gaganyaan:

The second Integrated Air Drop Test (IADT-02) for the Gaganyaan Mission was successfully conducted on 10 April 2026 at Sriharikota. A simulated crew module was released from an Indian Air Force Chinook helicopter at an altitude of about 3 km, where multiple parachutes were deployed successfully to ensure a safe sea landing. The test validated the parachute-based recovery system and marked another significant milestone towards the readiness of the Gaganyaan G1 Mission, with support from the Indian Air Force, Indian Navy, and DRDO.

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