

Society of Electrical Engineers

Report 2024-2025

Introduction

The Annual Report of the Society of Electrical Engineers (SEE) presents a comprehensive overview of the activities, achievements, and milestones accomplished during the academic year 2024–2025. It reflects our commitment to academic excellence, research innovation, student development, and community engagement. This report showcases the collective efforts of faculty, students, and staff, and stands as a testament to the vibrant spirit and growth of our society. We continue to move forward with passion, perseverance, and a vision to achieve greater heights.

Events & Activities

- August 19–23, 2024: The Electric Vehicle Training Program was conducted at the Electric Vehicle Lab, covering EV architecture, battery pack design, ADAS basics, and BMS software tools, enhancing participants' practical knowledge.
- September 5, 2024: The Teacher's Day Celebration was organized by the Society of Electrical Engineers (SEE) to honour and appreciate faculty contributions.
- September 12, 2024: The Project Idea Display Event, organized by SEE at the EEE Seminar Hall, showcased innovative student projects emphasizing technical skills, creativity, and teamwork.
- September 18, 2024: The SEE Inauguration was held at the EEE Seminar Hall, marking the 25th anniversary of SEE.
- September 18, 2024: Technical Seminar on Modern Technologies in Substation, A session by Mr. S. Velappan, B.E., Assistant Executive Engineer from the Electricity Distribution Circle, Nagercoil. Drawing from his experience, he discussed digital substations, GIS, SCADA, IoT-based monitoring, and smart protection systems. The interactive session enhanced understanding of reliability, safety, and automation in modern power distribution.
- September 20, 2024: The Industrial Visit to Tuticorin Thermal Power Station provided II-year EEE students with exposure to power generation, protection schemes, and real-time operations, guided by TTPS engineers.

- October 22, 2024: A seminar on resume building and HR interview tips was conducted, and resumes submitted for the Resume Competition were also evaluated by Mr. M. Anto Xavier Roche.
- October 22, 2024: The Resume Competition, organized by SEE at the EEE Seminar Hall for the EEE II, III and final year students
- October 22, 2024: A Hands-on Training on Verilog HDL was also organized by SEE at the Embedded Lab, providing students with practical exposure to hardware description languages crucial in digital system design.
- November 18, 2024: A seminar on "Basics of Intellectual Property Rights and Its Importance for Innovators and Entrepreneurs", organized by SEE and the Institution's Innovation Council, educated 99 student participants on patents, copyrights, trademarks, and entrepreneurship.
- November 30, 2024: The Department Alumni Meet, organized by SEE at the EEE Seminar Hall, reunited former students and faculty for a day of reflection and reconnection.
- January 17–27, 2025: All India Tour (IV Year), A 10-day educational tour covering Delhi, the Taj Mahal, Golden Temple, Wagah Border, and Manali gave students cultural exposure and team bonding experiences.
- January 29, 2025: The IET KKLN Technological Seminar Series–I, hosted jointly by IET-SXCCE and SEE, featured engaging sessions with 51 participants at the EEE Seminar Hall.
- February 3–8, 2025: The Electrical Designing and Drafting Training Program was conducted in the EEE Seminar Hall and Simulation Lab, training 74 students in AutoCAD and design practices. The program concluded with assessments and internship opportunities for top performers.
- March 10, 2025: Industrial Visit – TANTRANSCO 765/400kV Substation, Virudhunagar for II and III-year students visited the high-voltage substation to understand grid operations, SCADA systems, transformers, and protective equipment.
- March 21, 2025: National Level Technical Symposium Electrovate'25 – Theme: "Electrifying the Path to Innovation", SEE hosted Electrovate'25, featuring technical and non-technical events, guest talks, and intercollegiate participation from over 10 institutions. Eminent guests from TNEB's Renewable Energy division and alumni shared valuable insights.

- March 21, 2025: Technical Seminar on Renewable Energy, A session by Er. R. Kathiresan, Assistant Engineer – TNGECL/TNEB (Renewable Energy), covered solar, wind, hydro, and biomass energy, with a special emphasis on Tamil Nadu's leadership in wind power. The seminar was attended by 58 participants.
- March 22, 2025: MEP Final Assessment Presentation, organized in collaboration with Unique MEP Pvt Ltd, Chennai, the final project assessment and presentation session was conducted for students who underwent MEP training. Eleven students were selected for internships post evaluation.
- April 16, 2025: Tech Fest 2K25, Co-organized with the Centre for Research and Development, SXCCE, under the theme "AI and Engineering for a Sustainable Future." The event brought together bright minds and innovative ideas through a series of engaging activities including a Project Showcase, Paper Presentation, Poster Presentation, and the Quiz Bowl.
- May 7, 2025: SEE Valedictory 2K25, the annual valedictory celebrated the year's milestones. Highlights included a video-oral annual report presentation, a guest address by Er. J. G. Benny Jackson (Capestart Pvt. Ltd.), awards ceremony, and recognition of placed students with their company names read aloud. Certificates were distributed for MEP and TVS training. The program concluded with a group photo session and a vote of thanks.

Conclusion

All the events conducted this academic year were highly beneficial in helping students improve their talents and technical knowledge. The Society of Electrical Engineers (SEE) extends our sincere gratitude to our Correspondent Rev. Fr. Godwin Selva Justus, Principal Dr. J. Maheswaran, Financial Administrator Rev. Fr. Xavier Raj, Dean of Research Dr. M. Marsaline Beno, Head of the Department Dr. S. V. Kayalvizhi, and Faculty Advisor Dr. A. Darwin Jose Raju for their constant motivation, encouragement, and support.

We thank the Almighty for His grace in making yet another year of SEE a great success.

Mr. Jenin J,
Secretary/SEE,
Final EEE