

St. Xavier's Catholic College of Engineering (Autonomous)
Department of Electronics and Communication Engineering
ELECTROS Association
Annual Report (2025-2026)

Date: 09.04.2026

Respected Correspondent Rev. Fr. S. Godwin Selva Justus, Chief Guest Ms. Ankayarkanni Rajendran, Principal Engineer at Formcept Technologies and Solutions, Bangalore, Our Principal Dr. J. Maheswaran, Our Vice Principal Dr. V. Christus Jeya Singh, our Bursar Rev. Fr. R. Xavier Raj, Head of the Department Dr. S. Caroline, Faculty Advisor Mr. L. Maceal Tony, respected faculty members, and my dear friends, Good Afternoon to you all.

ELECTROS, The Electronic Society of our college aims at exposing our students to the current trends in technology. It's my privilege to stand before you on this prestigious occasion to deliver the Annual report for the academic year 2025-2026.

The classes for ODD semester B.E. second, third and final year students commenced on 16th July 2025.

The ELECTROS Association Inauguration was conducted on 9th September 2025.

A six-day value-added course on “PCB Design and Fabrication” was conducted for all second-year ECE students from 4th August 2025 to 9th August 2025 by VI Microsystem Pvt. Ltd.

A six-day value-added course on “Drone Technology & UAV Systems” was conducted for all third-year ECE students from 18th August 2025 to 23rd August 2025 by Entudio Pvt. Ltd.

A seminar on Audio-Visual Engineering was conducted on 12th September 2025 for third-year and final-year ECE students by Mr. J. Jesim Shahin, Audio-Visual Engineer in Dubai. The session covered audio, video, lighting systems, LED connections, and the NovaStar controller, motivating students to explore AV industry opportunities.

A one-day industrial visit to “Koodankulam Nuclear Power Plant” was organized on 12th and 25th September for second-year students.

A seminar on “Entrepreneurship and Innovation as a Career Opportunity” was conducted on 26th September 2025 for third-year and final-year students by Mr. R. Robert from Stella Mary’s College of Engineering, Arunthenkanvilai. The session highlighted startup ideas, innovation strategies, and career prospects, motivating students to explore entrepreneurship and develop creative thinking skills.

A two-day industrial visit to CDAC, Bangalore and Christ Bangalore was organized for third-year students on 25th and 26th September 2025.

A workshop on “Graphic Designing using Canva” was conducted on 30th September 2025 for III year students by Mr. Melvin Victor and Mr. Ferjith Jowel, final-year ECE students. The session introduced design tools and techniques, enabling students to create posters, presentations, and digital content while enhancing creativity and visualization skills.

A seminar on Sound Engineering was conducted on 13th October 2025 by Mr. Rohith Godfrey, Sound Engineer in Chennai. The session covered ADC, DAC, acoustics, and motivated students to explore audio engineering careers.

A nine-day educational tour was organized for the final-year students from 2nd January 2026 to 13th January 2026.

The classes for EVEN semester B.E. second, third and final year students commenced on 07th January 2026

We conducted the IntelliTech 2026 Exhibition on 23rd and 24th January as a part of Kumari Fest, where our department students showcased their innovative ideas and projects in the exhibition.

A career guidance program was conducted for the final-year students on 28th January 2026 by Ms. Abeena Angel Rose from Emax, Nagercoil. The session focused on career planning, higher education, and skill development, enhancing students’ employability.

A seminar on “Industrial Automation” was conducted for the third-year students on 3rd February 2026 by Mr. Sivasankar and Ms. Divya J from IPCS Global, Tirunelveli. The session focused on PLC, SCADA, sensors, and BMS, providing practical insights and enhancing students’ technical knowledge and career awareness.

A career guidance program was conducted for the final-year students on 5th February 2026 by Mr. K. Augustin Raj, Ms. R. L. Lekha, and Mr.

Manikandan V.G. from CADPoint, Marthandam. The session focused on digital design tools, engineering software, and career opportunities, enhancing students' technical skills and career awareness.

A seminar on Cloud Computing was conducted on 9th February 2026 for third- year students by Mr. T. Thanga Paresh, Mr. A. Jenice Prabhu, and Ms. M. Benita from JClick Solution, Nagercoil. The session covered cloud models, applications, and career opportunities, enhancing students' technical knowledge and industry awareness.

A career guidance program was conducted on 13th February 2026 for final-year students by Mr. P. Mervin Prasanth, Ms. G. Kavitha, and Mr. Bastin Xavier from T.I.M.E. Institute. The session focused on career planning, competitive exams, and skill development, enhancing students' preparedness for future opportunities.

A guest lecture on “Foundation of Probabilities and Random Processes” was conducted on 19th February 2026 for second-year students by Dr. M. Felix Nes Mabel. The session covered probability, random variables, and stochastic processes, enhancing students' understanding.

An Industry Expert Talk on “Analog Modulation Techniques (AM/FM)” was conducted on 20th February 2026 for second-year students by Mr. Abin Antony and Mr. Sri Ranga Raj from VI Microsystems. The session covered AM, FM, and broadcasting applications, enhancing students' practical understanding and industry exposure.

An orientation program on “How to do project effectively?” was conducted for final-year students.

A fifteen-day workshop on “Graphic Designing on Canva” was conducted for third-year students by Mr. Melvin Victor and Mr. Ferjith Jowel, final-year ECE students.

A one-day industrial visit to Vikram Sarabhai Space Centre Thiruvananthapuram, was organized for the final-year students on 18th March 2026.

A one-day industrial visit to Equatorial Geophysical Research Laboratory, Tirunelveli was organized for the second-year students on 24th March 2026.

The 4th International Conference on Recent Advances in Sustainable Technology and Sciences was conducted over two days, on 26th and 27th March

2026.

A two-days workshop on “VLSI Design Flow” was conducted for final-year students from 6th April to 9th April 2026 by C2S Project staff, Mr. Ajin R. and Ms. Devikrishna R.

A one-day workshop on “PCB Design using Altium” was planned to be conducted for final-year students.

Today, a technical talk on “Embedded System and IoT” was conducted for ECE students as part of the ELECTROS Valedictory Function by Prof. T. Kishore Kumar, AICTE Distinguished Professional and Professor, Department of ECE, Head BAJAJ (BEST), and UGC MMTTC Coordinator, NIT Warangal. The session enhanced students technical knowledge and industry awareness.

I extend my heartfelt thanks to the Management, the Principal, the Head of the Department, and the Faculty Advisor for their constant support and encouragement throughout the academic year. I also express my sincere gratitude to all faculty members, student coordinators, and students for their enthusiastic participation and contribution. With continued teamwork and dedication, we look forward to achieving greater milestones in the years ahead.

Thank you

Student Secretary

Faculty Advisor

HOD

Chief Guest

Principal

Correspondent