

ESEC Campus Chronicle



First Year Bridge Course Inauguration 2026



Erode Sengunthar Engineering College successfully inaugurated the **First Year Bridge Course 2026** for the newly admitted **B.E., B.Tech., and Five-Year Integrated M.Tech. (CSE)** students at the ESEC Convention Centre.

The Bridge Course was organized to facilitate a smooth transition from school to college by familiarizing students with the academic environment, institutional values, learning methodologies, and essential technical and communication skills.

IEEE FOCUS 2026 – A Grand Success: Empowering Future Engineers Through Innovation



The **Internal Quality Assurance Cell (IQAC)**, in association with the **Department of Electrical and Electronics Engineering (EEE)**, Erode Sengunthar Engineering College (**Autonomous**), successfully organized **IEEE FOCUS 2026** on **31 July 2026** at the **ESEC Convention Hall**.

The programme featured **Dr. Nandalal Vijayakumar**, Senior Professor, IEEE, Sri Krishna College of Engineering and Technology (SKCET), Coimbatore, as the resource person.

The event witnessed overwhelming participation from **2,800+ students, 300+ faculty members**, representing **19 departments**, making it one of the largest academic gatherings on campus.

Industrial Visit to Dharapuram Strengthens Industry-Institute Collaboration



The Department of Electrical and Electronics Engineering (EEE), Erode Sengunthar Engineering College, organized an industrial visit to **Dharapuram** to strengthen industry-institute collaboration and explore opportunities for student development.

The faculty team visited **Elca Electric Vehicle and BMD Brick Automation**, where productive discussions were held with the management regarding student internships, Memorandum of Understanding (MoU), consultancy projects, and future collaborative initiatives.

The visit was represented by **Mr. P. Karthikeyan, Assistant Professor, Department of EEE**, and **Mr. A. Kandaswamy, Marketing Manager & Assistant Professor, Department of MBA**.

Student Reporter Scheme Orientation Conducted Successfully

The **ESEC TV Student Reporter Scheme 2026-27 Orientation Programme** was successfully conducted on **24 July 2026** at the Seminar Hall, **Erode Sengunthar Engineering College**, with the enthusiastic participation of **78 students** from various departments. The programme was organized by the **ESEC TV & AR/VR Team** to introduce students to the vision, objectives, and functioning of the Student Reporter Scheme. **Mr. Sankara Narayanan, Director - AR/VR Team**, delivered the keynote session.



Team Spark Shines at TNIEDP Regional Level Bootcamp – Nimirndhu Nil 2026

The Department of Chemical Engineering, Erode Sengunthar Engineering College, proudly congratulates **Team Spark** for their outstanding achievement in reaching the **Regional Level Bootcamp (Semifinals)** of **Nimirndhu Nil 2026**, organized under the **Tamil Nadu Youth Innovation and Entrepreneurship Development Programme (TNIEDP)** by the Government of Tamil Nadu. The event was held at **KPR Institute of Engineering and Technology, Coimbatore**.

The team's innovative idea was selected through a highly competitive multi-stage evaluation process. Out of **15,925 ideas** submitted from across Tamil Nadu, **525 ideas** were shortlisted for the Ideation Camp, and only **225 teams** advanced to the **Regional Level Bootcamp (Semifinals)**. **Team Spark** earned a place among these prestigious 225 teams, showcasing the innovation, creativity, and technical excellence of the institution.



Mechanical Engineering Association 2026-2027 Inaugurated with Expert Lecture on AI-Driven Predictive Maintenance



The **Department of Mechanical Engineering**, Erode Sengunthar Engineering College, successfully inaugurated the **Mechanical Engineering Association for the academic year 2026-2027**. The event marked the beginning of a series of academic and professional activities aimed at enhancing the technical knowledge and industry exposure of students.

The programme featured an insightful guest lecture on the topic **"AI-Driven Predictive Maintenance in Steel Plants"**, delivered by **Dr. R. Satish, B.E., M.S., M.B.A., Ph.D., Deputy General Manager, Cold Rolling Mill - Electrical, SAIL, Salem Steel Plant, Salem**.

EEE Students Participate in StartupTN Founder's Talk Series



The Department of Electrical and Electronics Engineering (EEE), Erode Sengunthar Engineering College, encouraged all its students to participate in the StartupTN Founder's Talk Series held on 24 July 2026 from 3:00 PM to 4:00 PM.

The session featured **Mr. Murali Tharsan, Founder of Nellai Karupatti Coffee**, who shared his inspiring entrepreneurial journey, highlighting the challenges, opportunities, and strategies involved in building a successful startup.

Biotechnology Students Conduct Extension Activity on Mental Well-being and Wellness

The Department of Biotechnology, Erode Sengunthar Engineering College, successfully organized an Extension Activity on the theme "**Mental Well-being and Wellness**" as part of its community outreach initiatives.

The awareness programme was conducted by the Third Year Biotechnology students with the objective of promoting mental health awareness and encouraging healthy lifestyle practices among the participants.



Faculty Achievement: Research Article Published in International Journal

The Management, Principal, faculty members, and students of Erode Sengunthar Engineering College proudly congratulate **Dr. S. Deepankumar, ASP & Head, Department of Robotics and Automation**, on the successful publication of his research article in a prestigious international journal.

Research Article Title:
"Experimental and Computational Investigation of Algae Biomass Gasification in a Self-Circulating Fluidized Bed Reactor: Effects of Equivalence Ratio on Syngas Yield, Carbon Conversion Efficiency, and Energy Potential"

Journal:

Journal of Thermal Analysis and Calorimetry
 The published research presents an in-depth experimental and computational study on algae biomass gasification, focusing on optimizing syngas production, improving carbon conversion efficiency, and enhancing energy potential through the analysis of equivalence ratio in a self-circulating fluidized bed reactor.

MEDWINGS Association 2026–2027 Inaugurated with Seminar on Biomedical Engineering in Modern Healthcare



The Department of Biomedical Engineering, Erode Sengunthar Engineering College, successfully inaugurated the **MEDWINGS** Association for the academic year **2026–2027**.

The event marked the beginning of various academic and professional activities aimed at enriching students' knowledge and exposure to the latest advancements in biomedical technology.

Following the inauguration, an informative seminar on "**Biomedical Engineering in Modern Healthcare: From Classroom to Clinical Practice**" was delivered by **Mr. S. Prakash, Biomedical Engineer, Ganga Hospital, Coimbatore**.

Awareness Session on German Language and Global Career Opportunities



The **Department of Electronics and Communication Engineering (ECE)**, in association with the Career Guidance Cell, successfully organized an awareness session on **"German Language and Its Global Opportunities"** on **24 July 2026** at the **Main Block Seminar Hall**.

The session was delivered by **Mr. Joseph Xavier, German Language Trainer, SMART Training Resources India Pvt. Ltd., Chennai**. During his presentation, he emphasized the growing importance of the German language in today's global job market and explained how language proficiency can open doors to higher education, research, and career opportunities in Germany and other German-speaking countries.

Faculty Achievement: Assistant Professor Successfully Completes Ph.D. Viva Voce

The Management, Principal, faculty members, and students of **Erode Sengunthar Engineering College** proudly congratulate **Mr. M. Ramarajan, Assistant Professor, Department of Management Studies (MBA)**, on the successful completion of his **Ph.D. Research Viva Voce Examination at Annamalai University**.



Faculty Achievement: Assistant Professor Successfully Defends Ph.D. Thesis



The Management, Principal, faculty members, and students of **Erode Sengunthar Engineering College** proudly congratulate **Mr. M. Muthuraja, Assistant Professor, Department of Computer Science and Engineering (Artificial Intelligence & Machine Learning)**, on the successful defense of his **Ph.D. thesis at Kongu Engineering College**.

This significant academic accomplishment reflects his unwavering dedication, perseverance, and passion for research.

Biomedical Engineering Faculty Visit Medcall Expo 2026 to Explore Emerging Healthcare Technologies

Three faculty members from the **Department of Biomedical Engineering**, **Erode Sengunthar Engineering College**, visited the **Medcall Expo** held at the **Chennai Trade Centre, Chennai**, to gain exposure to the latest advancements in medical technology and healthcare innovations.



The faculty members who represented the department were:

- **Dr. B. Saritha**
- **Ms. M. Vidhya**
- **Ms. Senthamil Ezhla Selvi Azra**

The visit provided an excellent platform to explore cutting-edge medical equipment, innovative healthcare solutions, and emerging trends in the biomedical industry.

Robotics and Automation Students Gain Industrial Exposure at Sakthi Sugars Ltd.

The **Department of Robotics and Automation**, **Erode Sengunthar Engineering College**, organized an **Industrial Visit to Sakthi Sugars Ltd., Appakudal**, on **27 July 2026** with the objective of providing students with practical exposure to industrial automation and manufacturing processes.

A total of **105 students** from the **II, III, and IV Year** of the department participated in the visit, accompanied by four faculty members.

The industrial visit served as an excellent opportunity for students to bridge the gap between classroom learning and real-world industrial applications.



Faculty Development: ESEC IAS Academy Coordinator Attends GATE & JAM 2027 Awareness Programme at IIT Madras



Mr. K. Arun Kumar, Coordinator, ESEC IAS Academy, Erode Sengunthar Engineering College, participated in the Faculty Training Programme on GATE 2027 and JAM 2027 Examination Awareness Session conducted at Indian Institute of Technology (IIT) Madras.

The programme provided comprehensive insights into the Graduate Aptitude Test in Engineering (GATE) 2027 and Joint Admission Test for Masters (JAM) 2027, covering the latest examination patterns, preparation strategies, higher education opportunities, and the significance of these national-level examinations for students aspiring to pursue postgraduate studies and research.

ECE Department Conducts Hands-on Workshop on AI Tools



The Department of Electronics and Communication Engineering (ECE), Erode Sengunthar Engineering College, successfully organized a Hands-on Workshop on AI Tools to equip participants with practical knowledge of emerging artificial intelligence technologies for academic, research, and professional applications.

The workshop was conducted by Mrs. G. Amsaveni, Assistant Professor, Department of ECE, and Mr. N. Sakthivel, Assistant Professor, Department of ECE.

ECE Department Launches Saturday Skill Development Training Series for Hostellers



The Department of Electronics and Communication Engineering (ECE), Erode Sengunthar Engineering College, has launched a Saturday Skill Development Training Series exclusively for hosteller students with the objective of strengthening their practical knowledge and technical competencies beyond the regular curriculum.

The inaugural session of the programme was conducted by final-year ECE students - Abishek, Kavin, Sethu, and Puvaneshwari, who trained second- and third-year students on PCB Design & Fabrication and Basic Electronics.

Civil Engineering Department Launches "One Saturday - One Visit" Initiative

The Department of Civil Engineering, Erode Sengunthar Engineering College, has initiated the "One Saturday - One Visit" programme to provide students with practical exposure and bridge the gap between classroom learning and real-world construction practices.

As part of this initiative, II and III Year Civil Engineering students actively visited various construction sites to observe ongoing civil engineering works and understand the practical implementation of engineering concepts.



Faculty Achievement: EEE Faculty Receive ICMR Grant for SANJEEVANI AI Workshop

The Management, Principal, faculty members, and students of Erode Sengunthar Engineering College proudly congratulate **Dr. P. Selvan, Professor, Department of Electrical and Electronics Engineering (EEE)**, and **Mr. P. Karthikeyan, Assistant Professor, Department of EEE**, on receiving a research grant of ₹1,75,000 from the **Indian Council of Medical Research (ICMR)** to organize a workshop on "SANJEEVANI AI."

Tree Plantation Drive at Appakudal: A Step Towards a Greener Tomorrow

The **Department of Robotics and Automation, Erode Sengunthar Engineering College (ESEC)** successfully organized a Tree Plantation Drive on **27 July 2026 at Appakudal, Kavundappadi**, as part of its commitment to environmental sustainability and social responsibility.

The initiative witnessed enthusiastic participation from students and faculty members, who planted saplings with the shared vision of creating a cleaner, greener, and healthier environment for future generations.



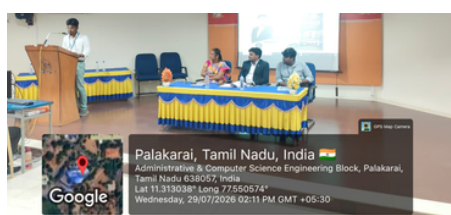
AGRARIAN Association Inauguration 2026



The **Department of Agricultural Engineering, Erode Sengunthar Engineering College (ESEC)** successfully inaugurated its departmental association, **AGRARIAN 2026**, marking the beginning of a new academic year filled with learning, leadership, and innovation.

The inauguration ceremony brought together faculty members and students with the shared vision of promoting academic excellence, technical competence, and professional development in the field of Agricultural Engineering. The event emphasized the importance of innovation, sustainable agricultural practices, and collaborative learning to address the evolving challenges of modern agriculture.

Alumni Talk on "From Engineer to Entrepreneur"



The department successfully organized an Alumni Talk on **"From Engineer to Entrepreneur"** on **30 July 2026 from 2:00 p.m. to 4:30 p.m.** The session was delivered by **Mr. Rakkappan Ganesan, Managing Partner, NRD LANDMARK, Tiruppur**, an accomplished alumnus and entrepreneur.

Inauguration of Technical and Non-Technical Clubs – M.Tech. CSE (5-Year Integrated)



The **Department of M.Tech. Computer Science and Engineering (5-Year Integrated)**, Erode Sengunthar Engineering College (ESEC) successfully inaugurated its departmental clubs, marking the beginning of a vibrant platform for technical excellence, creativity, and holistic student development.

The department officially launched three student clubs:

- **Catalyst AI Club** – Focusing on Artificial Intelligence, Machine Learning, and emerging technologies.
- **Cipher Forge Club** – Dedicated to programming, cybersecurity, problem-solving, and software development.
- **Creova Club** – A non-technical club established to nurture creativity, communication, leadership, and personality development.

Extension Activity on Digital Awareness and Responsible Social Media Usage



The **Department of Electronics and Communication Engineering (ECE)** of Erode Sengunthar Engineering College successfully conducted an Extension Activity titled **"Empowering Young Minds Through Digital Awareness and Responsible Social Media Usage"** at Kalaivani Matric Higher Secondary School, Anthiyur.

The programme was carried out by the **IV Year ECE-B** students under the guidance of Assistant Professors Ms.Bhavadharini and Ms.SabariGayathiri. The awareness initiative aimed to educate school students on the safe and responsible use of digital technologies in today's connected world.

CSE (AI & ML) Association Inauguration on "Beyond Coding: How DevOps & Artificial Intelligence are Transforming the IT Industry"



The **Department of Computer Science and Engineering (Artificial Intelligence & Machine Learning)** successfully inaugurated its Association with an expert session on **"Beyond Coding: How DevOps& Artificial Intelligence are Transforming the IT Industry."**

The programme was organized to provide students with valuable insights into the rapidly evolving IT landscape, highlighting how DevOps and Artificial Intelligence are revolutionizing software development, deployment, and operational processes.

Chemical Engineering Association and IICHe Student Chapter Inaugural Function 2026-2027



The **Department of Chemical Engineering** successfully inaugurated the Chemical Engineering Association and the **IICHe Student Chapter** for the **academic year 2026-2027**.

The inaugural function marked the commencement of a series of technical and professional development activities aimed at enhancing students' knowledge and industry exposure.

The programme featured an expert guest lecture by **Mr.SridharanBabu, Lead Thermo Mechanical Engineer, Baker Hughes, Bangalore**, who served as the resource person.

He delivered an insightful lecture on **"Chemical Engineering Career Opportunities in the Energy Industry and Beyond."**

Department of Information Technology – Alumni Talk on "Learning Beyond the Degree – AI"



The **Department of Information Technology** successfully organized an Alumni Talk on **"Learning Beyond the Degree – AI"** on 30th July 2026 from 2:00 PM to 3:00 PM.

The session was delivered by distinguished alumni **Mr. Mohammed Shafan, Technical Trainee**, and **Mr. Ragul K, Software Trainee**, from **Green Technology, Coimbatore**.

Department of Mechanical Engineering – Industrial Visit to Sakthi Sugars Ltd

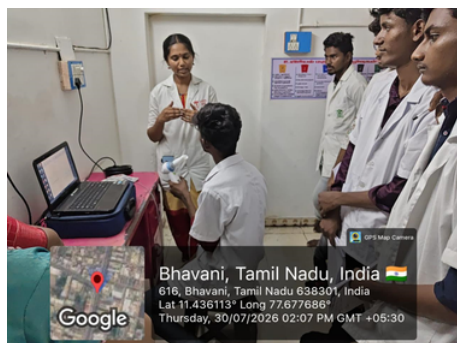


The Department of Mechanical Engineering organized an **Industrial Visit to Sakthi Sugars Ltd., Appakudal** on **30th July 2026** to provide students with practical exposure to industrial operations and manufacturing practices.

A total of **51 students** from **II, III, and IV Year Mechanical Engineering**, accompanied by **two faculty members**, participated in the visit.

The students observed the complete **sugar manufacturing process**, including plant operations, process automation, instrumentation, quality assurance, maintenance practices, and energy management systems.

Department of Biomedical Engineering – Industrial Visit to Sai Micro Labs



The **Department of Biomedical Engineering** organized an **Industrial Visit to Sai Micro Labs, Bhavani** for the **II Year Biomedical Engineering** students to provide practical exposure to clinical laboratory practices and diagnostic technologies.

During the visit, the students gained valuable hands-on experience in **clinical laboratory operations, diagnostic instruments, laboratory workflow, and quality assurance practices**.

Department of Biomedical Engineering – Tree Plantation Drive



The **II B.E. Biomedical Engineering (Section B)** students actively participated in a **Tree Plantation Drive** organized in association with the **Erode Siragugal Foundation**. The initiative aimed to promote environmental sustainability and create awareness about the importance of conserving nature through afforestation.

NCC – Official Site Inspection for Obstacle Training Ground and Firing Range



Today, **Col. Arun Shekhar**, Commanding Officer, along with **Lt. Col. M. Rajavelu**, Administrative Officer of **15 (TN) Battalion NCC, Erode**, visited the campus to conduct an **official site inspection** for the proposed **Obstacle Training Ground and Firing Range**.

The inspection focused on assessing the suitability of the identified locations and reviewing the infrastructure requirements for establishing these training facilities in accordance with NCC standards.

Department of Electronics and Communication Engineering – Skill Development Programme



The **Department of Electronics and Communication Engineering (ECE)** successfully conducted **Day 1** of the **Two-Day Hands-on Training on Professional Smartphone Repair** as part of its **Skill Development Programme**.

A total of **60 students** from **II Year ECE – Section A** actively participated in the programme. The technical sessions were effectively delivered by **Dr. B. Krishna Kumar**, **Founder & CEO, New Technology Career Solutions (NTCS)**, who provided hands-on training on professional smartphone repair techniques, troubleshooting methods, and industry best practices.

Department of Biomedical Engineering – Career Guidance and Awareness Session



The **Department of Biomedical Engineering** successfully organized a **Career Guidance and Awareness Session** on **"Beyond the Degree in the Age of AI."**

The programme aimed to create awareness among students about emerging career opportunities and the evolving role of Artificial Intelligence across various industries.

The session was conducted by resource persons from **Kolam Branding and Marketing**, a division of **Sharp Groups, Coimbatore**.

Department of Electronics and Communication Engineering – Expert Talk on AI and IoT for Smart Renewable Energy Applications



The **Department of Electronics and Communication Engineering (ECE)** successfully organized an Expert Talk on **"AI and IoT for Smart Renewable Energy Applications"** on **30th July 2026 (Thursday)** from **10:00 AM to 4:00 PM** at the **IoT MSME Lab**.

The session was delivered by **Mr. R. Sasikumar, M.E., MISTE., MIAENG., Director – Technical, Sara Controls and Automation**, who shared valuable insights into the integration of **Artificial Intelligence (AI)** and the **Internet of Things (IoT)** for smart renewable energy systems.

Department of Computer Science and Engineering (Cyber Security) – Association Inauguration and Guest Lecture



The **Department of Computer Science and Engineering (Cyber Security)** successfully organized the Association Inaugural Function followed by a Guest Lecture on **"Unlocking the Next Wave of Cyber Innovation & Entrepreneurship."**

The programme was designed to provide students with valuable insights into the latest advancements in Cyber Security, cyber innovation, and technology-driven entrepreneurship.

Hearty Congratulations to Dr. S. Gladson



We are delighted to share that **Mr. S. Gladson, Assistant Professor, Department of Electronics and Communication Engineering (ECE)**, has successfully completed his **Ph.D. Research Viva Voce Examination** today at **Mount Zion College of Engineering and Technology**.

On behalf of the Department of Electronics and Communication Engineering, we extend our heartfelt congratulations to him on this remarkable academic milestone. His dedication, perseverance, and commitment to research are truly inspiring.

Stay Tuned for More Updates

MOTIVATION CORNER

"Not doing it is certainly the best way to not getting it."

— Wayne Gretzky



Managing Editor:
Sajitha L.S

Associate Editor:
M Lohambiha

Graphic Designer:
Sham M - II Year, AI&DS