



Erode Sengunthar Engineering College, (AUTONOMOUS) Perundurai, Erode - 638 057.



ESEC Campus Chronicle



ESEC Teams Achieve Top 500 Recognition in Niral Thiruvizha 3.0

Mind Mac	Jaasim A J	How can we develop a practical, cost-effective, and eco-friendly AI-driven ultrasound technology to detect and deter wild animals from entering agricultural fields, while studying the movement of animals from reserve forests to human habitation areas and implementing a warning system to alert nearby localities for effective crop protection and wildlife management?	Agriculture/ Food Tech
EcoSanitize	ABISHKEK D	How might we design an IoT-based self-sustained autonomous solution for the maintenance of public toilets? This system would use sensors for automatic cleaning, odor control, and tracking daily usage to ensure cleanliness and efficient management, improving hygiene and reducing manual intervention.	Artificial Intelligence
Bionic Minds	A Kowshik	How can we develop a practical, cost-effective, and eco-friendly AI-driven ultrasound technology to detect and deter wild animals from entering agricultural fields, while studying the movement of animals from reserve forests to human habitation areas and implementing a warning system to alert nearby localities for effective crop protection and wildlife management?	Agriculture/ Food Tech
Mind Mac	Dhanush A	How might we develop an automated water distribution system that ensures 55 LPCD per person, prevents wastage, and reduces electricity usage in rural households?	Rural & Urban development/ Manufacturing/ Engineering Technology
EqualEyes	Darshana N A	How can we develop an accessible platform for visually and hearing-impaired students, integrating sign language and visual aids to enhance accessibility and comprehension?	Smart Education/ Ed-Tech/ Skill Development

Erode Sengunthar Engineering College takes immense pride in announcing that several student teams have been successfully shortlisted among the **Top 500 teams** in the prestigious **Naan Mudhalvan Niral Thiruvizha 3.0 (2025–2026)**, organized by the **Tamil Nadu Skill Development Corporation (TNSDC)**.

Amidst participation from over **24,000 teams** across the state, the achievement of ESEC students highlights their innovation, creativity, and problem-solving capabilities. The shortlisted teams presented impactful ideas across diverse domains such as Artificial Intelligence, Agriculture & Food Technology, Rural Development, and Smart Education.

The selected teams from ESEC include:

- Mind Mac – Jasim A J**
- EcoSanitize – Abhishek D**
- Bionic Minds – A. Kowshik**
- Mind Mac – Dhanush A**
- EqualEyes – Darshana N A**

Their innovative project ideas addressed real-world challenges such as AI-based animal deterrent systems for agriculture, automated sanitation solutions, smart water distribution systems, and assistive technologies for differently-abled individuals.

ESEC Students Shine on the Global Stage



ESEC College proudly celebrates a remarkable milestone as the students of the **ESEC School of Animation and Gaming** successfully contributed to an international project associated with the **Singapore Government**, in collaboration with **Bimbam**.

This achievement highlights the creative excellence and technical expertise of our students, who were actively involved in the entire production pipeline. Their contributions spanned across script development, storyboarding, stage work, and animation production, reflecting a comprehensive hands-on experience in the field of digital content creation.

The opportunity, facilitated by Bimbam, enabled students to gain valuable real-world industry exposure and engage with global standards in animation and media production. It served as a platform for them to apply their skills in a professional environment and collaborate on an international project of significance.

Industry Exposure at Milky Mist – A Practical Learning Experience



The II Year Mechanical Engineering students (English Medium – 55 students), accompanied by three faculty members, **Dr. P. Thangavel**, **Dr. M. Vijay Anand**, and **Mr. J. Parthiban**, undertook an insightful industrial visit to **Milky Mist, Perundurai**.

The primary objective of the visit was to bridge the gap between theoretical knowledge and real-world industrial practices. Milky Mist, a well-known dairy processing industry, provided the students with a valuable opportunity to observe modern manufacturing techniques, automation systems, and quality control processes used in large-scale production.

Overall, the industrial visit was an enriching and educational experience. It not only broadened the students' technical knowledge but also inspired them to prepare for future careers in the engineering field with greater confidence and enthusiasm.

Hands-on Training on Water and Wastewater Treatment



The **Department of Chemical Engineering** organized a hands-on training programme on **“Water and Wastewater Treatment”** on **April 10, 2026**. The session was conducted by **Mr. Gokul Devaraj, Senior Design Engineer – Process, L&T Construction, Chennai**.

The programme focused on the practical aspects of wastewater treatment processes, providing students with valuable exposure beyond classroom learning. Participants were introduced to real-time industrial applications and case studies, which significantly enhanced their understanding of treatment methodologies and process design.

The programme was successfully organized by **Dr. J. Srinithi** and **Mrs. G. V. Aatral**, whose efforts ensured a meaningful and enriching learning experience for all participants.

Experiential Learning through Industrial Visit to Mysuru



The **Department of Agricultural Engineering** organized a **two-day industrial visit to Mysuru** on **April 9 and 10, 2026**, providing students with valuable exposure to practical applications in agriculture and food technology.

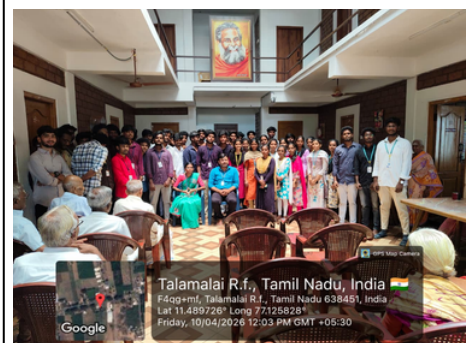
Day 1: Central Sericulture Research and Training Institute

On the first day, students visited the Central Sericulture Research and Training Institute, where they gained hands-on knowledge of sericulture practices. The session covered silkworm rearing techniques and mulberry cultivation methods essential for silk production.

Day 2: Central Food Technological Research Institute

The second day's visit to the Central Food Technological Research Institute provided insights into the field of food engineering. Students learned about food processing, preservation, and value addition techniques that play a vital role in enhancing food quality and shelf life.

Extending Compassion – EEE Students' Outreach at Universal Peace Foundation



The **third-year Electrical and Electronics Engineering (EEE)** students carried out a meaningful **extension activity** at the **Universal Peace Foundation** in **Kothamangalam, Sathy**, demonstrating their commitment to social responsibility and community engagement.

As part of the initiative, the students donated groceries worth **₹6,500** along with a cash contribution of **₹3,000** to support the needs of the elderly residents.

Beyond material support, the students spent quality time with the residents through fun-filled activities and heartfelt conversations, creating a warm and joyful environment.

Guest Lecture on Geotechnical Aspects of Slope Stability



The Department of Civil Engineering organized a guest lecture on “Geotechnical Aspects of Slope Stability and Failure Mechanisms” with the objective of enhancing students’ understanding of key concepts in geotechnical engineering.

The session was delivered by **Er. R. Richard Saviour Raj, Proprietor of Xavier Associates, Erode**. Drawing from his professional expertise, he provided valuable practical insights into slope behavior, failure mechanisms, and real-time case analyses, making the session highly informative and engaging.

Through this session, students were able to bridge the gap between theoretical knowledge and field applications.

Chemical Engineering Students Achieve First Prize at ALCHEMY 2026



N. Tarun and S. Kavinkumar of III Year Chemical Engineering have secured the **First Prize (₹3000)** in the Paper Presentation Competition held at NIT Trichy during **ALCHEMY 2026**.

Their presentation, titled “**Formulation and Optimisation of Targeted Delivery Systems for Dysmenorrhea,**” stood out among **50 participating teams**, showcasing their strong research aptitude and innovative approach in the field of chemical and biomedical engineering.

The achievement reflects the students’ dedication, technical knowledge, and presentation skills. Their success was guided by **Dr. J. Srinithi**, whose mentorship played a crucial role in shaping their work.

Hands-on Workshop on IoT and Embedded Systems for Civil Engineering Students



As part of the III Year VI Semester course **23CE602 – Concrete Technology** and IoT, the Department of Civil Engineering organized a hands-on workshop on “IoT and Embedded Systems” for third-year students.

The session was conducted by **Mr. Mohan Kumar D**, a fourth-year ECE student, who shared his technical expertise and practical knowledge in the field of embedded systems and Internet of Things (IoT). The workshop provided an interactive platform for Civil Engineering students to explore the integration of modern technologies in construction practices.

Industrial Visit to Britannia Industries – Exploring Food Processing Applications



The students of the Department of Chemical Engineering undertook an industrial visit to Britannia Industries, SIPCOT, Perundurai, to gain practical exposure to food processing operations.

During the visit, the students were introduced to various stages involved in large-scale food production. They observed the application of key chemical engineering equipment such as mixers, heat exchangers, dryers, and packaging systems used in the manufacturing process.

Successful Workshop on “e-Services Portal” Conducted by Civil Engineering Department

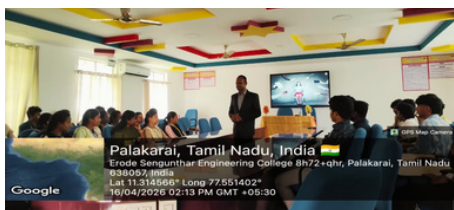


The **Department of Civil Engineering** at Erode Sengunthar Engineering College successfully organized a **one-day hands-on workshop** on **“How to Use e-Services Portal”** in collaboration with the Department of Survey and Settlement, Government of Tamil Nadu, on **16th April 2026** at the **Civil Smart Classroom**.

The session was led by the resource person, **Dr. K.M. Gopalakrishnan**, Head of the Civil Engineering Department, who provided practical insights into accessing and utilizing various online land and survey-related services.

The workshop offered participants a comprehensive understanding of digital platforms used in land records management, enhancing their technical and practical knowledge.

Inspiring Seminar on “Turning Stress into Strength” Organized by EEE Department



The **Department of Electrical and Electronics Engineering** at Erode Sengunthar Engineering College successfully conducted an insightful seminar on **“Turning Stress into Strength”** on **16th April 2026** at the **EEE Smart Classroom**.

The session was delivered by the distinguished speaker, **Hr. Jc Dhanapal V, Zone Trainer, JCI India**. The seminar focused on transforming stress into a positive driving force, equipping students with practical techniques to manage academic and personal challenges effectively. The speaker shared real-life experiences, motivational insights, and strategies to build resilience, confidence, and a positive mindset.

Students Secure Placement at TCS



We are delighted to share that the following students have been successfully selected by Tata Consultancy Services (TCS) with an annual salary package of ₹3.45 LPA.

Selected Students:

- Chandru S – AIDS
- Piramu M – AIDS
- Lokesh K – CSE
- Gokul S – CSE
- Deepak Kumar L – CSE
- Nishanth P – AIDS
- Udhaya P – AIDS
- Vigneshwaran S – AIDS
- Swetha K M M – MCA
- Poovika – CSE

This achievement reflects the students' dedication, technical proficiency, and consistent efforts. It also highlights the institution's commitment to nurturing industry-ready professionals.

Research and Development Cell :Achievements



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MOTIVATION CORNER

“My tastes are simple: I am easily satisfied with the best.”

— Winston Churchill



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