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



ESEC Campus Chronicle



Mega Voter Awareness Rally



The **National Service Scheme (NSS)** unit of **Erode Sengunthar Engineering College** organized a **Mega Voter Awareness Rally** on **25 March 2026** to promote the importance of voting and democratic responsibility among the public.

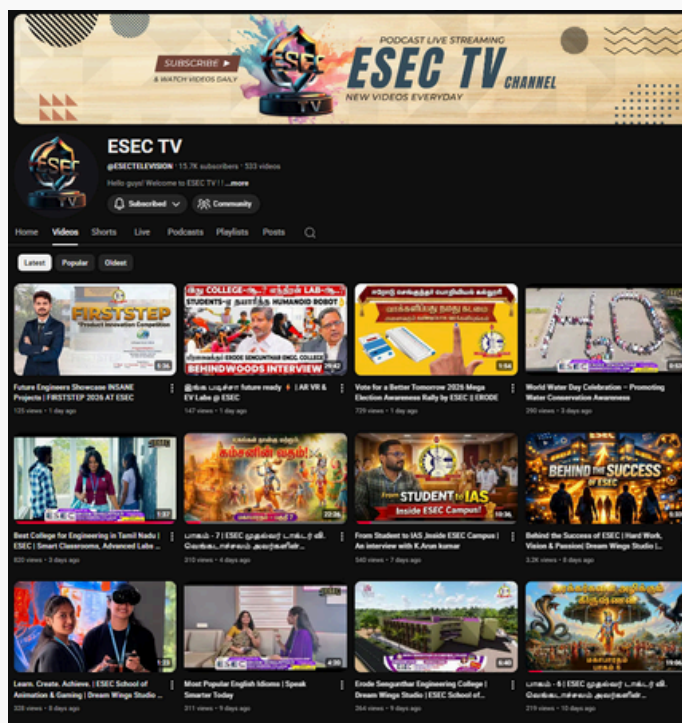
The rally was conducted in association with **Puthiya Thalaimurai News Channel** and the **Erode District Collectorate**. The event commenced at **9:30 AM** and proceeded from **Erode Bus Stand to Erode Government Hospital**.

Mr. Kandhasamy, District Collector of Erode, presided over the rally and emphasized the significance of electoral participation in strengthening democracy.

Students actively took part in the rally, spreading awareness among the public about the value of voting through slogans and placards. The event served as an important initiative to instill social responsibility and civic awareness among students and the community.

The rally was organized under the guidance of the college administration and coordinated by the NSS Programme Officers.

Milestone Achievement – 15K Subscribers



Congratulations to the amazing team at **ESEC TV** on reaching **15,000 subscribers** and an incredible **6,766,298 total views!**

This milestone reflects your creativity, consistency, and the strong support from your growing audience. Your content continues to inform, inspire, and connect viewers everywhere.

Kudos to the entire team for this remarkable achievement — many more milestones ahead!

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Guest Lecture on Bridging Academia and Industry in Fertilizer Manufacturing



The Department of Chemical Engineering organized an informative guest lecture on **“Bridging Academia and Industry: Chemical Engineering Practices in Modern Fertilizer Plants.”** The session was delivered by **Ms. S. Vishali**, Process Engineer at **Southern Petrochemical Industries Corporation (SPIC), Thoothukudi**.

The lecture provided a clear understanding of how core chemical engineering principles are applied, adapted, and optimized in modern fertilizer plants to achieve safe, efficient, and sustainable industrial production.

The speaker explained key industrial processes involved in fertilizer manufacturing, methods of process optimization, safety practices, waste management techniques, and sustainable production strategies followed in large-scale plants.

The session helped students connect classroom concepts with real-time industrial applications and enhanced their awareness of current industry practices.

The programme was coordinated by **Ms. S. Gokila** and **Dr. T. Usharani**, who organized the event successfully.

Faculty Participation in Industry-Oriented FDP at BPL Medical Technologies



Three faculty members from the **Department of Biomedical Engineering** – **Dr. L. Mohanakanna**, **Ms. N. Ageela**, and **Ms. C. Priyanka** – actively participated in a **two-day Faculty Development Programme** hosted by **BPL Medical Technologies** at its **manufacturing facility** in **Jigani, Bangalore**.

The programme focused on recent advancements in medical technologies, industry best practices, and emerging trends in biomedical equipment manufacturing.

The FDP provided valuable exposure to real-time industrial processes, quality standards, and innovative healthcare technology solutions.

Such industry-academia initiatives enhance faculty expertise, promote practical knowledge exchange, and strengthen institutional collaboration with leading healthcare technology organizations.

Tree Plantation Drive – A Step Towards a Greener Tomorrow



As part of the **Environmental Science and Engineering** course, **Dr. Gunasekaran** initiated a meaningful tree plantation drive to promote environmental awareness and sustainability among students. Demonstrating remarkable enthusiasm and social responsibility, the **first-year** Information Technology and Computer Science Engineering students actively participated in the initiative and successfully planted nearly **120 tree saplings** within the campus.

This activity reflects the students' strong commitment to protecting the environment and contributing to a greener and healthier future. The initiative not only enhanced the campus greenery but also instilled a sense of ecological responsibility among the young minds, encouraging them to take part in sustainable practices.

Such efforts mark an important step towards building an environmentally conscious community and inspire everyone to work collectively for nature conservation.

Patent Publication by Faculty – Department of ECE

K. R. Priyadharshini, Assistant Professor, Department of Electronics and Communication Engineering, has successfully published a patent titled **“An Intelligent Security-Aware 6G-Enabled IoT Architecture Using Machine Learning for Cloud-Based Smart Cities.”**

This significant achievement highlights her contribution to advanced research in next-generation communication technologies, Internet of Things (IoT) systems, and machine learning applications for smart city infrastructure.

The published patent focuses on enhancing security, connectivity, and intelligent data management for cloud-based urban solutions powered by emerging 6G networks.

Patent Publication by Faculty – Department of Civil Engineering

Dr. K. M. Gopalakrishnan, Associate Professor, Department of Civil Engineering, has successfully published a patent titled **“Development of Geopolymer Concrete for Sustainable Construction.”**

This notable achievement highlights his valuable contribution to sustainable construction technology and eco-friendly building materials.

The patent focuses on the development of geopolymer concrete as an innovative alternative to conventional cement-based concrete, aiming to reduce carbon emissions and promote environmentally responsible construction practices.

Guest Lecture on Preparing Chemical Engineers for Process Industry



The Department of Chemical Engineering organized an insightful guest lecture on **“Preparing Chemical Engineers for Process Industry: Skills That Matter.”** The session was delivered by **Mr. R. Balakumar**, Assistant Manager at **Southern Petrochemical Industries Corporation (SPIC)**, Thoothukudi.

The lecture provided valuable knowledge on developing industry-ready chemical engineers capable of safely, efficiently, and economically designing, operating, and optimizing real-world industrial processes from day one.

The speaker emphasized essential technical competencies, practical problem-solving approaches, safety practices, process optimization techniques, and the importance of understanding industrial standards.

He also highlighted the expectations of process industries and the skill sets required for young engineers to adapt quickly to professional roles.

The programme was coordinated by **Ms. S. Gokila** and **Ms. S. Megala**, whose dedicated efforts ensured the smooth conduct of the event.

Guest Lecture on “The Sugar Industry and its Co-Generation”



The Department of Chemical Engineering organized a guest lecture on **“The Sugar Industry and its Co-Generation”** to enhance students’ understanding of modern industrial practices and sustainable energy utilization. The session was delivered by **Mr. J. K. Palanisamy**, Former Deputy General Manager – Quality Control at **Bannari Amman Sugars Limited, Sathyamangalam**.

The resource person shared valuable insights into the various processes involved in the sugar industry, key equipment used in manufacturing, and quality control practices followed in large-scale production units. He also explained the concept of co-generation in sugar industries, highlighting the effective use of bagasse as a renewable fuel for energy production.

The lecture emphasized how co-generation improves energy efficiency, reduces environmental impact, and offers significant economic advantages to industries. Real-time industrial applications and practical challenges were also discussed, making the session highly informative and industry-oriented for students.

The program was coordinated by **Dr. P. Akilamudhan**, whose efforts ensured the successful conduct of the session.

Industrial Visit to Aavin Milk & Dairy Products



The II and III Year students of the Department of Electronics and Instrumentation Engineering (EIE) visited Aavin Milk & Dairy Products, Salem, as part of an industrial exposure program.

During the visit, students gained practical knowledge about the application of sensors, controllers, PLC, and SCADA systems used in modern dairy processing industries. They observed various automated machines involved in milk processing, pasteurization, packaging, and quality control systems.

The visit provided valuable insights into real-time industrial automation practices and helped students understand the integration of instrumentation and control systems in large-scale dairy operations.

FIRST STEP – Product Innovation Competition



The **FIRST STEP Product Innovation Competition** was successfully conducted on **24 March 2026** at Erode Sengunthar Engineering College. The event served as a vibrant platform for students to present innovative products aligned with the theme **“Reach the Unreached.”**

Students enthusiastically showcased creative and practical solutions designed to address various societal challenges. Their projects reflected strong technical knowledge, originality, and a commitment to social impact.

Mr. Yogeshwaran Muralidharan, Managing Director of YM Automation, graced the occasion as the jury member. He appreciated the participants' efforts and provided valuable feedback to help refine their ideas.

The competition fostered a spirit of innovation and significantly enhanced students' problem-solving and product development skills.

Students Achieve First Prize in National Level Drone Racing Event



We are delighted to share that Balaji M. S. and Kalaitamil P., first-year students of the Department of Robotics and Automation, have achieved remarkable success by securing First Prize in a National Level Drone Racing Event.

The prestigious competition was held at New Prince Sri Bhavani College of Engineering and Technology, Chennai. Competing against participants from various institutions, our students demonstrated exceptional technical skills, precision, and teamwork in drone racing.

Their outstanding performance earned them a cash award of ₹5,000, bringing pride and recognition to our institution.

World Water Day Celebration Promoting Water Conservation



The Department of Science and Humanities (Chemistry) celebrated **World Water Day** on **March 23** in the institution to create awareness about the importance of water conservation.

Students enthusiastically participated in the programme by taking ten meaningful water-saving pledges that emphasized responsible water usage in daily life. To further highlight the significance of water, students creatively formed a human chain in the shape of **“H₂O”**, symbolizing unity and commitment towards protecting this vital natural resource.

The event concluded successfully with a formal vote of thanks, marking a meaningful initiative towards promoting environmental responsibility and sustainable water management practices.

Third-Year Chemical Engineering Students Excel at JFINAGLES 2026



We are proud to announce that **S. Kavinkumar, V. Sakthivel, and P. Prasanth**, third-year students of the **Department of Chemical Engineering**, achieved outstanding success at **JFINAGLES 2026**.

The event was organized by the Department of Petroleum Technology at **JCT College of Engineering and Technology, Coimbatore**.

The team secured **First Prize** in the **Poster Presentation** competition, winning a **cash award of ₹800**, and also excelled in the **Ideaathon**, earning an additional prize of **₹500**.

Their presentation, titled “**Plastic Waste to Fuel Energy and Future of Steam Circular Economy**,” showcased innovative and sustainable solutions, reflecting their technical expertise and forward-thinking approach.

Second-Year Chemical Engineering Students Secure First Prize at JFINAGLES 2026



We are pleased to announce that **P. Balusamy and R. Hareesh**, second-year students of the **Department of Chemical Engineering**, achieved notable success at **JFINAGLES 2026**.

The event was organized by the **Department of Petrochemical Engineering** at **JCT College of Engineering and Technology, Coimbatore**. The students secured **First Prize** in the **Poster Presentation** competition, winning a **cash award of ₹750**.

Their presentation, titled “**Conversion of Plastic Waste into Fuel using a Catalytic Pyrolysis Reactor**,” highlighted innovative approaches to sustainable waste management and energy recovery.

Students Achieve Recognition at Jai Shriram Engineering College Events

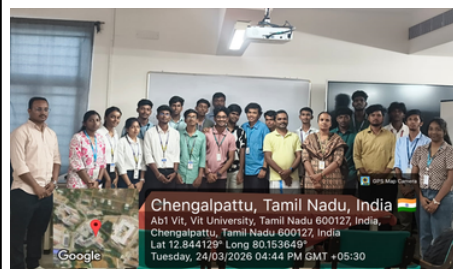


We are proud to share that our students **Vishnudevi, Priyadarshini, Sriharath, and Abishek M.** secured **Fourth Place** in a **Hackathon** conducted at **Jai Shriram Engineering College**.

In another notable achievement, **Mohana, Sathyapriya, and Pavithra**, second-year students of the **Department of Electrical and Electronics Engineering**, secured **Second Prize** at the **Project Expo** held at **Jai Shriram Engineering College, Tirupur**. Their innovative project titled “**Smart Dustbin**” impressed the judges and earned them a **cash award of ₹1,000**.

These accomplishments reflect the creativity, teamwork, and technical excellence of our students. We congratulate all the participants and wish them continued success in their future endeavors.

EEE Students Shine at Hackathon Hosted by VIT Chennai



We are happy to share that **Anshu Kumar, Shabari Maran, and Vijayaraj**, students of the **Department of Electrical and Electronics Engineering**, showcased their talent at a **Hackathon** conducted at **VIT, Chennai**.

Competing against numerous teams, they performed exceptionally well and were selected among the **Top Five teams**, highlighting their innovation, problem-solving skills, and teamwork.

Agricultural Engineering Students Secure Second Prize at National Symposium



We are pleased to share that **Aishwarya P. M. and Akshaya Y.**, second-year students of the **Department of Agricultural Engineering**, secured **Second Prize** in **DigiVenture** at a **National Symposium**.

The event was held at **KPR Institute of Engineering and Technology**. Competing with participants from various institutions, the students showcased their innovative ideas and technical expertise, earning recognition for their outstanding performance.

Robotics and Automation Department Successfully Conducts Robokryon'26 – Day 1



The **Department of Robotics and Automation** successfully organized the **Day 1 events of Robokryon'26**, featuring exciting competitions such as **Roborace, Robosoccer, and Line Follower Robot**.

The events witnessed enthusiastic participation from students, showcasing their technical skills, creativity, and competitive spirit in the field of robotics.

Student Achievement in National Level Paper Presentation



K. Cibivarshan and B. Dineshkumar of **II Year EIE** secured the **3rd Prize** along with a **cash award of ₹2,000** in a **National Level Paper Presentation** conducted at **Mahendra College of Engineering, Salem**.

Their achievement reflects their technical knowledge, presentation skills, and dedication, bringing pride to the department and the institution.

Industrial Visit to Sakthi Knitting Private Limited



A **total of 52 students**, accompanied by **3 faculty members** from the **Department of Chemical Engineering**, visited **Sakthi Knitting Private Limited**, located at **SIPCOT, Perundurai**. The industrial visit provided students with valuable practical exposure to various aspects of textile processing and chemical engineering applications.

During the visit, students gained insights into chemical usage in textile processing, key process operations, drying techniques, and the functioning of essential equipment such as **evaporators and boilers**.

They were also introduced to **sludge treatment methods** and **environmental regulations** followed by the industry, highlighting the importance of **sustainable and eco-friendly practices**.

The management of the company graciously granted permission for students to undertake internships and explore placement opportunities, thereby strengthening industry-academia collaboration.

The visit was successfully organized by **Ms. S. Gokila, Ms. S. Megala, and Dr. T. Usharani**, whose efforts ensured a highly informative and enriching experience for the students.

Achievement in Ideathon Competition



Tamilselvan, Rithick, Mythili, and Legasri of II Year Civil Engineering secured the **1st Prize** in an Ideathon competition, along with a **cash award of ₹1,000**, held at **JKKM College of Engineering and Technology, Gobi**.

Their innovative ideas and teamwork led to this outstanding achievement, bringing pride to the department and the institution.

Glimpse of UI/UX Boot Camp: Real-World Problem Solving



The **Department of M.Tech Computer Science and Engineering** organized a **hands-on workshop** titled **"UI/UX Boot Camp: Real-World Problem"** for students to gain practical exposure to user interface and user experience design.

The session was led by **Mr. S. M. Arvinth** from **Accent Techno Soft, Coimbatore**, who served as the resource person. He provided valuable insights into real-world UI/UX challenges, design thinking approaches, and industry practices.

First Prize in Idea Presentation Event



Team GROWGENIES - Dhanush V, Nethaji M, Prem Kumar M, and Murali Dharan K from **II Year EIE** – secured the **First Prize**, along with a **cash award of ₹1,000**, in the Idea Presentation event held at **JKKM College of Engineering and Technology**.

Their innovative thinking and effective presentation skills earned them this remarkable achievement. The team expressed their gratitude to the Department and the Head of the Department for their continuous support and encouragement.

Gold Medal in Intercollegiate Badminton Tournament



Our college Badminton team achieved a remarkable victory by securing the **Gold Medal** along with a **cash prize of ₹5,000** in the **JKKM Trophy Intercollegiate Badminton Tournament** held at **JKKM Muriraja College of Technology, Gobi**.

The team's outstanding performance, teamwork, and dedication brought pride and recognition to the institution.

MBA Students Create Awareness on Digital Marketing



The **Department of MBA** organized an awareness initiative on the **importance of digital marketing in today's competitive business environment** as part of its Centre of Excellence activity.

First-year MBA students actively participated in this initiative by reaching out to various retail establishments, including departmental stores, jewellery shops, bakeries, boutiques, and silk stores.

They shared valuable insights on how digital marketing strategies can enhance business visibility, customer engagement, and overall growth.

The activity provided students with practical exposure while also benefiting local businesses by highlighting the significance of adopting modern marketing techniques in a rapidly evolving digital landscape.

MBA Department Conducts Tree Plantation Drive



The **Department of MBA** organized an extension activity in association with **Pasumai Nilalakkal**, focusing on environmental sustainability and community service.

As part of the initiative, **52 tree saplings** were planted along the roadside of the state highway stretch from **Kavindapadi to Chittode**.

This green initiative aimed to promote ecological awareness, enhance greenery, and encourage students to actively participate in environmental conservation activities. The event was carried out successfully with enthusiastic participation.

3D Concrete Printing Workshop for Final Year Civil Students



3D Concrete Printing Workshop for Final Year Civil Students

On **Day 1**, a **3D Concrete Printing Workshop** was conducted for **Final Year Civil Engineering** students, providing them with exposure to emerging technologies in the construction industry.

The session introduced students to the fundamentals of 3D concrete printing, its applications in modern construction, and its potential to revolutionize sustainable and efficient building practices.

The workshop offered valuable insights into advanced construction techniques, enhancing students' practical knowledge and industry readiness.

Successful Completion of Robokryon'26 – Day 2



Day 2 of Robokryon'26 was successfully concluded with three exciting events – **Idea Presentation, Project Expo, and IPL Auction**. The events witnessed enthusiastic participation, innovative ideas, and competitive spirit among the students.

The organizing team extends its heartfelt gratitude to the Principal and the Management for their unwavering support and encouragement, which played a vital role in the grand success of this two-day technical fest.

Educational Visit to M.S. Swaminathan Rice Research Station



The **Final Year** students of the **Department of Agricultural Engineering** undertook an educational visit on **26 March 2026** to **M.S. Swaminathan Rice Research Station, Monkomb**.

The visit provided valuable practical exposure to **below sea level cultivation practices**, particularly in **Pokkali fields**. Students gained hands-on understanding of traditional methods such as the **petti and para systems**, which are widely used in such unique agricultural conditions.

In addition, students observed the operation and significance of **vertical turbine pumps** used for water management in low-lying fields. They also learned about the features and adaptability of the **Uma rice variety**, which is suited for such environments.

The session further enriched students' knowledge in **weed control techniques and field management practices**, offering real-time insights into sustainable and efficient agricultural engineering applications.

First Session Completed: One-Day Basic Training Program on Human Rights



The first session of the **One-Day Basic Training Program** on Human Rights was successfully conducted in our institution with active participation from students and faculty members. The session aimed to create awareness about fundamental human rights, their importance, and their role in building a just and equitable society.

The resource person provided valuable insights into the basic principles of human rights, including the right to equality, freedom, and dignity. The session also highlighted the significance of protecting these rights in everyday life and the responsibilities of individuals in promoting social justice.

Online Expert Lecture on “From Classroom Fundamentals to Global Impact”



The Department of Chemical Engineering successfully organised an online expert lecture on the topic “**From Classroom Fundamentals to Global Impact.**” The session featured Deepthi Bhargavi, Associate Consultant and Data Visualisation Expert at Tata Consultancy Services, Siruseri, Chennai, as the resource person.

During the session, Ms. Deepthi Bhargavi elaborated on the transformative journey from academic learning to real-world impact.

She emphasized how strong classroom fundamentals serve as the building blocks for innovation, enabling individuals to contribute meaningfully to industries and society. She also highlighted the importance of continuous learning, adaptability, and data-driven decision-making in today’s global landscape.

Achievement in Data Quest T-School Rankings 2026

Our institution has achieved remarkable recognition in the Data Quest March 2026 T-School Rankings, securing the 25th Rank among 100 T-Schools (Government & Private) in India.

In addition, the institution has been ranked 23rd among the Top Private T-Schools in India, reflecting its commitment to excellence in technical education, innovation, and academic performance.

This achievement highlights the consistent efforts of the management, faculty, and students in maintaining high standards of education and industry relevance.

Industrial Visit and Placement Achievements – Department of EEE

Last month, **Mr. P. Karthikeyan (AP/EEE)** and **Dr. P. Karuppusamy (Professor/EEE)** visited several companies in and around Chennai with the objective of strengthening industry interaction and exploring placement opportunities for students. During this visit, a total of nine companies were approached for potential recruitment collaborations.



We are pleased to announce that at PD Technologies, one of our **final year EEE** students, **Mr. J. Visva**, has been selected for the position of Testing Engineer. He is currently working in Uttar Pradesh with a **stipend of ₹20,000 per month**, along with allowances and accommodation.

After one year, his salary is expected to exceed **₹1,00,000 per month**. The company has also expressed its interest in offering regular recruitment opportunities to our institution in the coming years. Further, **Ramalingam Construction Company Pvt. Ltd.** has selected **eight final year EEE** students for designing roles with a **starting package of ₹2.16 LPA**. The selected students are:

- Mr. Arrinseyan
- Mr. Rajesh
- Mr. Deepak
- Mr. Dharsan
- Mr. Pradeep Kumar
- Mr. Devasudharshana
- Mr. Kirthicsaran
- Mr. Sridhar

These achievements reflect the department’s continuous efforts in building strong industry connections and enhancing the career prospects of students.

Stay Tuned for More Updates

MOTIVATION CORNER

“Life is what happens to us while we are making other plans.”

— Allen Saunders



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