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



ESEC Campus Chronicle



Students Placed in TCS



We are delighted to announce that the following students have been successfully placed in **Tata Consultancy Services (TCS)**, marking a proud achievement for the institution.

Under the Ninja category (**₹3.45 LPA**), the selected students are:

- Gokul S – CSE
- Udhaya P – AI & DS

Under the Digital category (**₹7 LPA**), the selected students are:

- Hari K – CSE
- Balaji K – AI & DS
- Praveen Raj – M.Tech CSE
- Nagalingam – AI & DS
- Chandru R – CSD

This accomplishment reflects the students' dedication, technical proficiency, and the institution's continuous efforts in providing quality education and placement support.

Achievement in Staff Cricket Tournament



The college staff cricket team achieved a remarkable feat by securing **Third Place** in the staff cricket tournament organized by **Nandha Engineering College**.

The team displayed excellent coordination, sportsmanship, and determination throughout the tournament, competing with teams from various institutions. Their commendable performance brought pride and recognition to the college.

Adding to this success, **Dr. S. Dhanasekar**, Assistant Professor, Department of Physics, was honored with the Best Player of the Tournament award for his outstanding individual performance.

He showcased exceptional batting skills by scoring a remarkable **102 runs off just 50 balls** in a match against **KSR College of Engineering**, leading his team with confidence and excellence.

Achievements in Staff Sports Tournament



The college staff teams showcased commendable performance in the staff sports tournament organized by **Nandha Engineering College**. The college staff cricket team secured the Third Place, demonstrating excellent teamwork, coordination, and competitive spirit throughout the tournament.

Adding to the achievement, the college women staff throwball team also performed admirably and secured the Fourth Place in the throwball tournament. Their dedication, teamwork, and perseverance were highly appreciable.

Achievement in National Level Paper Presentation



K. Cibivarshan and **M. Vishal** of II Year EIE have brought laurels to the institution by securing the **Second Prize** in a **National Level Paper Presentation** conducted at **SSM College of Engineering**.

The students showcased their technical knowledge and presentation skills, competing against participants from various institutions across the country. Their outstanding performance earned them a **cash prize of Rs. 1000**.

The management and faculty members congratulate **K. Cibivarshan** and **M. Vishal** on their achievement and wish them continued success in their future endeavors.

Guest Lecture on Skill Development for Chemical Engineering Students



On **April 2, 2026**, the **Department of Chemical Engineering** at **Hindhusthan College of Engineering and Technology (HiCET), Coimbatore**, organized an insightful **online guest lecture** for its students. The session was delivered by **Dr. P. P. Selvi**, a distinguished professor in the field of Chemical Engineering.

The lecture, titled **"Skill Development for Chemical Engineering Students,"** focused on equipping students with the essential technical and professional skills required to excel in the modern industrial landscape.

Dr. Selvi emphasized the importance of continuous learning, practical exposure, and staying updated with emerging technologies in the chemical engineering domain.

II YEAR ECE STUDENTS – INTERNSHIP INITIATIVE



II Year ECE students have commenced a **12-day internship program** at the **Airports Authority of India, Coimbatore**.

Batch 1 of the internship is scheduled from **06 April 2026** to **17 April 2026**, with **10 students** participating in this program.

This internship provides valuable industry exposure, enabling students to gain practical knowledge and hands-on experience in the field of aviation and communication systems.

The institution appreciates this opportunity and wishes the students a successful and enriching learning experience.

STUDENT ACHIEVEMENT – PROJECT EXPO HACKATHON



We are proud to share that Gajini Prasanth G, a student of III CSE A, has successfully participated in a Project Expo Hackathon held at Al-Ameen Engineering College.

He secured the 3rd Prize in the competition and was awarded a cash prize of ₹5,000.

This achievement highlights his innovation, technical skills, and dedication. The institution congratulates him on this accomplishment and wishes him continued success in future endeavors.

Inaugural Function of National Conference on Smart Applications



The **Departments of Artificial Intelligence and Data Science and Electronics and Communication Engineering** proudly organized the inaugural function of the National Conference titled **“Convergence of Electronic Communication and Artificial Intelligence for Smart Applications.”**

This conference marks a significant milestone in promoting innovation and interdisciplinary research. It received an overwhelming response, with more than 100 research papers submitted by academicians, researchers, and industry professionals from various institutions across the country.

After a rigorous evaluation process conducted by an expert review panel, **42 high-quality papers** were shortlisted for presentation. These selected works reflect cutting-edge advancements, emerging trends, and practical implementations in the domains of electronic communication and artificial intelligence.

PRATHAMIC HINDI EXAMINATION RESULTS – FEBRUARY 2026

Our college students appeared for the Prathamik Hindi Examination conducted by the **Dakshin Bharat Hindi Prachar Sabha, Tiruchirappalli.**

A total of **343 students** from our institution participated in the examination. We are pleased to announce that **107 students** successfully passed, demonstrating commendable effort and dedication.

Among the successful candidates:

- **38 students secured First Class**
- **69 students secured Second Class**

These results reflect the students' commitment to learning and promoting the Hindi language. The institution congratulates all the successful candidates and appreciates the efforts of the faculty members who guided them.

Students Selected in Gurusoft Technology Drive – 2026 Batch



We are pleased to announce that students from the 2026 batch have been successfully selected in the Gurusoft Technology Drive.

The selected students are:

- **Sathishkumar – IT**
- **Jhogi Prasath – AI & DS**

Both students have secured placements with a package of **₹3 LPA.**

This achievement reflects their dedication, skills, and consistent efforts. The institution congratulates the students on their success and wishes them a bright and successful career ahead.

Guest Lecture on Challenges and Opportunities in Design and Manufacturing



The **Department of Chemical Engineering** organized an insightful guest lecture on the topic **“Challenges and Avenues in the Design and Manufacturing Sectors.”**

The session was delivered by **Mr. R. Ganesh, Design Engineer at Sri Vallabhai Engineering Ltd.,** who served as the resource person. He shared valuable insights into the real-world applications of engineering principles in the design and manufacturing industries.

During the lecture, he highlighted the evolving industry standards, recent technological advancements, and the growing importance of sustainability in modern manufacturing practices. He also emphasized the need for innovative thinking and adaptability to address emerging challenges in the sector.

Hands-on Training on Web Application Penetration Testing



The II Year Cyber Security Department organized a hands-on training session on Web Application Penetration Testing for students.

The session provided practical exposure to identifying common web vulnerabilities such as SQL injection and Cross-Site Scripting (XSS) through real-time lab exercises. Students actively engaged in testing scenarios that simulated real-world cyber threats, enhancing their technical understanding.

The training also introduced various ethical hacking tools and techniques used to secure web applications against potential attacks. It emphasized the importance of proactive security measures and responsible cybersecurity practices.

Industrial Visit to Santi Processing Pvt. Ltd. for Environmental Policy Research



An industrial visit was undertaken to Santi Processing Pvt Ltd, Pallipalayam, on 9 April 2026 by Ms. Sreebavya V. S., Assistant Professor, Department of Chemical Engineering, along with three final-year students—Rishi P., Prajith J., and Kishore M.

The visit was conducted as part of data collection for a project proposal aligned with United Nations environmental policy initiatives. During the visit, the team gathered relevant industrial data and insights related to environmental practices and processing operations.

Industrial Visit to Sakthi Sugars



A total of 60 second-year ECE students from Section B had the opportunity to visit Sakthi Sugars as part of their academic curriculum.

The visit was organized in connection with the Microprocessor and Microcontroller course, providing students with valuable exposure to real-world industrial operations and the practical applications of microcontrollers. During the visit, students gained insights into how controllers and processors are integrated within industrial systems.

This hands-on learning experience enabled students to better understand the interaction between industry practices and embedded systems, bridging the gap between theoretical knowledge and practical implementation.

Faculty Achievement – NCC Training Completion



A. Prabhakaran has successfully completed the NCC PRCN Course conducted at the NCC Officers Training Academy from January 5, 2026 to April 4, 2026.

Following the successful completion of the course, he has been promoted as Lieutenant A. Prabhakaran and appointed as an Associate NCC Officer. This achievement marks a significant milestone in his professional career and reflects his dedication and commitment to service and leadership.

Lieutenant A. Prabhakaran expressed his sincere gratitude to the Management, Correspondent, Secretary, and Principal for providing him with this valuable opportunity, which has been an important and memorable accomplishment in his life and career. The institution congratulates him on this achievement and wishes him continued success in his future endeavors.

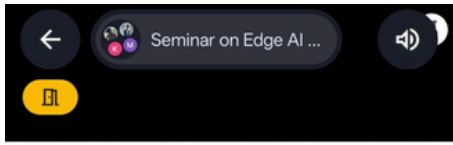
Industry Visit for Centre of Excellence Initiatives



The Heads of Departments of Information Technology, Computer Science and Design, Computer Science and Engineering, Artificial Intelligence and Data Science, and M.Tech CSE jointly visited QuantumQLabs Software Industry, Coimbatore, as part of Centre of Excellence (CoE) initiatives.

The visit aimed to explore opportunities for academic-industry collaboration, focusing on enhancing practical learning, research, and innovation among students. Discussions were held on establishing a Centre of Excellence, facilitating internships, industry-oriented training, and joint projects.

Guest Lecture on Edge AI for Real-Time Signal Processing

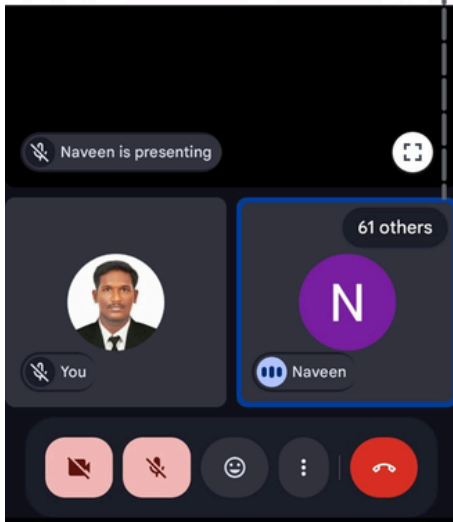


DESIGN PROCEDURE OF BUTTERWORTH FILTERS (Analog)

Given specifications:

- Passband edge frequency: ω_p
- Stopband edge frequency: ω_s
- Passband ripple: A_p
- Stopband attenuation: A_s

1. From the given specifications find the order of the filter.
2. Round off to the nearest value.
3. Determine the transfer function.
4. Calculate the cut off frequency.
5. Based on step 3, convert to filter in LPF, HPF, BPF, BSF (Specifically asked) to determine $H(Z)$.



Dr. L. Mohana Kannan, Associate Professor of Biomedical Engineering, delivered an online guest lecture to ECE students of R P Sarathy Institute of Technology, Salem on 08.04.2026.

The lecture focused on the topic “Edge AI for Real-Time Signal Processing.” During the session, Dr. Mohana Kannan shared valuable insights into the integration of artificial intelligence with edge devices for efficient real-time data processing.

He highlighted practical applications, emerging trends, and the growing importance of Edge AI in modern engineering systems.

Industrial Visit to Common Effluent Treatment Plant (SIPCOT): A Practical Learning Experience



Second-year Chemical Engineering students had the opportunity to visit the Common Effluent Treatment Plant at SIPCOT as part of their industrial visit. The visit provided students with valuable practical exposure to wastewater treatment processes and the real-time operation of effluent treatment systems.

They gained insights into various treatment stages, including physical, chemical, and biological processes used to treat industrial wastewater effectively.

This hands-on experience enabled students to connect theoretical concepts with real-world applications, enhancing their understanding of environmental engineering practices and sustainable industrial operations.

The visit was successfully organized by Ms. S. Gokila and Ms. S. Megala, whose efforts ensured a meaningful and informative learning experience for the students.

Industrial Visit to Milky Mist: Bridging Theory with Practice



A total of 60 second-year Electronics and Communication Engineering (ECE) students from Section A had the opportunity to visit Milky Mist today as part of their Microprocessor and Microcontroller course.

The industrial visit provided students with valuable exposure to real-world industrial automation systems and modern processing techniques. During the visit, students observed how microcontrollers and processors are integrated into large-scale production environments to ensure efficiency, precision, and quality control.

The session offered insightful demonstrations on automation operations, enabling students to understand the practical applications of concepts learned in the classroom. They gained a deeper appreciation of how embedded systems play a crucial role in monitoring and controlling industrial processes.

Industrial Visit to Common Effluent Treatment Plant (SIPCOT): A Practical Learning Experience



The Department of Chemical Engineering organized a guest lecture on “Challenges and Avenues Faced by Chemical Engineers in the Industrial Sector.” The session was delivered by Ms. V. Audilakshmi, Project Engineer at Kavin Engineering and Services Private Limited, Coimbatore.

The resource person provided valuable insights into the dynamic and evolving role of chemical engineers in modern industries. She elaborated on key aspects such as process optimization, safety management, adherence to environmental regulations, cost control, and the importance of sustainability in industrial operations.

The programme was successfully organized by Dr. M. Aynul Rifaya.

Social Outreach and Community Service Activities by Chemical Engineering Students



The **third-year Chemical Engineering students** visited **Helping Hearts Orphanage, Moolapalayam, Erode**, as part of a learning and social outreach activity.

The visit provided students with an opportunity to interact with the children and understand the importance of compassion, empathy, and social responsibility.

It encouraged them to reflect on the value of giving back to society and supporting underprivileged communities. More than just a visit, it became a meaningful learning experience that enriched their values and broadened their perspectives on life.

In the afternoon session, the students actively participated in a temple cleaning activity at Thingalur Appachiyare Madam, Perundurai, as part of a community service initiative.

Institution Recognized as Network Institute under IIRS-ISRO Outreach Programme



On behalf of the **EIE Department** initiative, the institution is proud to announce its recognition as a Network Institute under the **Indian Institute of Remote Sensing (IIRS) - Indian Space Research Organisation Outreach Programme**. The institution's name has been officially included in the online application portal, marking a significant academic milestone.

Outcome of the Initiative:

- Students and faculty members can now attend and organize IIRS-ISRO online courses on Space Technology and its Applications free of cost.
- The recognition facilitates opportunities to build connections with ISRO scientists, academicians, and peer institutions, promoting collaboration and knowledge exchange.

This achievement strengthens the institution's commitment to providing advanced learning opportunities and exposure to emerging technologies in the field of space science.

The IIRS-ISRO Institute Coordinators for this initiative are Mr. M. Karthikkumar and Mr. E. Sathish from the Department of EIE.

Day 1: ANRF-Sponsored National Seminar on Signal Processing for Cybersecurity



The Department of Science and Humanities organized the first day of a two-day ANRF-sponsored National Seminar on **"Fourier Transform Based Signals and System Approach for Network Traffic Analysis and Cybersecurity Monitoring."**

The sessions were delivered by eminent resource persons including Dr. S. Palanivel Rajan, Professor, Department of ECE, Velammal College of Engineering and Technology (Autonomous), Madurai; Dr. S. Bharathidasan, Head of the Department of ECE, Erode Sengunthar Engineering College; and Dr. M. Karthiga, Department of CSE, PSG Institute of Technology and Applied Research, Coimbatore.

Students Secure Second Prize at Asthra'26 Project Expo



Malligavarshini, Mathumitha, and Nivetha of III Year Biomedical Engineering (BME) secured the **Second Prize** at the **Project Expo** conducted by Karpagam Institute of Technology during Asthra'26.

The team demonstrated exceptional innovation and technical expertise, earning recognition among numerous participants. Their project stood out for its practical relevance and effective presentation, reflecting their strong academic foundation and creativity. The winners were awarded a **cash prize of Rs. 500** for their achievement.

The team was mentored by **Ms. M. Mohanavalli, Assistant Professor, Department of BME**, whose guidance played a crucial role in their success.

ERODE SENGUNTHAR ENGINEERING COLLEGE

(AUTONOMOUS) PERUNDURAI, ERODE - 638 057

COURSES OFFERED

B.E. ||

- Bio-Medical Engg.
- Civil Engg.
- Computer Science and Engg.
- Computer Science & Design
- Electrical and Electronics Engg.
- Electronics and Communication Engg.
- Electronics and Instrumentation Engg.
- Mechanical Engineering (English Medium)
- Mechanical Engineering (Tamil Medium)
- Robotics & Automation
- CSE (Artificial Intelligence & Machine Learning)
- CSE (Cyber Security)
- CSE (Internet of Things)
- ECE (VLSI Design & Technology)*

B.TECH. ||

- Agricultural Engineering
- Artificial Intelligence & Data Science
- Chemical Engineering
- Information Technology
- Bio Technology

M.E. ||

- Computer Science and Engg.
- Manufacturing Engg.
- Environmental Engg.
- Power Electronics and Drives
- Applied Electronics
- Industrial Safety Engg.
- Structural Engg.
- Remote Sensing & GIS*
- Industrial Safety*

M.Tech. ||

- Computer Science and Engg. (5 Years Integrated Course)
- Chemical Engg.

MBA || Ph.D. ||

SKILL DEVELOPMENT COURSES

- CAD Modelling & 3D Printing - (2 Weeks)
- CNC Programming & Operation - (2 Weeks)
- IOT Concepts & Applications - (2 Weeks)
- Robotics (Beginners & Advanced) - (2 Weeks)
- Drone Design & Development - (2 Weeks)
- Remote Pilot Certification (2 Weeks)
- Electric Vehicle Tech. - (2 Months)
- Battery Back Design, Dev. & Testing - (1 Month)
- Electric Vehicle Comm. Tech. CAN - (1 Month)
- EV Foundation Program - (2 Weeks)

MOTIVATION CORNER

"Success is not final, failure is not fatal: it is the courage to continue that counts."

— Winston Churchill

Stay Tuned for More Updates



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