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## **Editorial Board**

### **Faculty Members**

Ms.D.Ragavi, AP/ECE

Ms.J.Jenisha, AP/ECE

### **Students**

A.Saravanakumar, III ECE

H.Pooja, III ECE

S.P.Devasri, III ECE

The Department of Electronics and Communication Engineering was established in the year 2007. The department has an intake of 60 students in B.E. course. The department possesses the most advanced equipment in its laboratories. It also provides opportunities to grow and excel in the technical world by conducting regular workshops and programs in various fields. The department is highly active in research work in the fields of broadband communications, VLSI Design, image processing etc. The students are provided adequate training in the field of signal processing, image processing and digital communication. Students are highly encouraged to undergo in-plant training at some of the most prestigious organizations during their time at the institution.

### **Vision of the Department:**

1. To provide the quality education in the field of Electronics and Communication Engineering which caters the needs of the society in line with the technological revolution.

### **Mission of the Department:**

1. To upgrade the technical knowledge of the students continuously by providing industrial exposure and innovative projects.
2. To establish a creative learning environment for the students by active learning of the techniques in the electronics and communication engineering field.
3. To nurture career improvement by facilitating skill development and training in the recent technologies.

## PROGRAM EDUCATIONAL OBJECTIVES (PEOs)

**PEO1:** To provide the students with a strong foundation in the required sciences in order to pursue studies in Electronics and Communication Engineering.

**PEO2:** To gain adequate knowledge to become good professional in electronic and communication engineering associated industries, higher education and research.

**PEO3:** To develop attitude in lifelong learning, applying and adapting new ideas and technologies as their field evolves.

**PEO4:** To prepare students to critically analyze existing literature in an area of specialization and ethically develop innovative and research oriented methodologies to solve the problems identified.

**PEO5:** To inculcate in the students a professional and ethical attitude and an ability to visualize the engineering issues in a broader social context.

## PROGRAM SPECIFIC OUTCOMES (PSOs)

**PSO1:** Design, develop and analyze electronic systems through application of relevant electronics, mathematics and engineering principles

**PSO2:** Design, develop and analyze communication systems through application of fundamentals from communication principles, signal processing, and RF System Design & Electromagnetism.

**PSO3:** Adapt to emerging electronics and communication technologies and develop innovative solutions for existing and newer problems.

## ECE ASSOCIATION ACTIVITIES

### TECH TALKS'2025

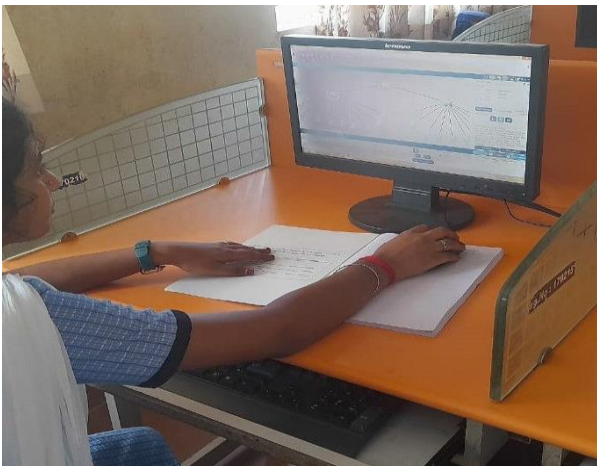
The Department of Electronics and Communication Engineering conducted the TECH TALKS group discussion contest for II, III ECE students on March 04, 2025. The event aimed to encourage students to explore cutting-edge advancements in technology while fostering collaboration, knowledge-sharing, and creative thinking. Through insightful discussions and interactive sessions, TECH TALKS—branded as a 'Fusion of Minds'—sought to ignite innovative ideas, bridge knowledge gaps, and empower participants with actionable insights to drive technological progress.

A total of 15 teams comprising 60 students participated in Event 1 – Group Discussion. The top five teams were shortlisted for Round 2 based on their performance. In Event 2 – Spot Topic, 5 teams consisting of 20 students actively participated, showcasing their spontaneity and critical thinking skills.



## SUBJECT ACTIVITY

The Networks and Security subject activity titled “**Design a network in Cisco Packet Tracer to connect ACCOUNTS and DELIVERY departments**” was conducted for II ECE students on 07.03.2025. This practical session aimed to equip students with essential networking skills and knowledge required for designing and configuring computer networks.



## FUTURISTIC FRAMES'2025

The Department of Electronics and Communication Engineering successfully organised The Futuristic Frames 2K25 poster-design contest for II, III, IV ECE students on 1 April 2025. Conceived to sharpen creativity, critical thinking, time-management skills, and presence of mind, the event saw enthusiastic teams present a rich array of innovative ideas. The healthy competition motivated students to push their limits, and the most outstanding posters were honored with certificates, prizes, and public appreciation.





## TECHTRIX'2025

The Department of Electronics and Communication Engineering successfully organized a technical event, TECHTRIX'2025 on 11 April 2025, aimed at encouraging critical thinking, enhancing communication skills, and promoting healthy competition among students.



## ELECTRONIKA'2025

The Department of Electronics and Communication Engineering conducted the technical contest ELECTRONIKA '2K25 for ECE students on 17.04.2025. All participating teams enthusiastically showcased their hidden talents and innovative thinking. The event provided a platform to promote technical learning, problem-solving skills, and creativity in an engaging and competitive environment.



## PRAGYA UTSAV'2025

The Department of Electronics and Communication Engineering successfully organized a non-technical event, PRAGYA UTSAV '2K25, exclusively for first-year students on 26 April 2025. The event aimed to recognize and reward students' participation, performance, and potential through certificates and appreciation, thereby fostering a culture of excellence and innovation



## STUDENT ACHIEVEMENTS

### NIRAL THIRUVIZHA 2.0

Under the Tamil Nadu Government's Niral Thiruvizha initiative, which invites innovative project proposals from final-year students across various themes, three teams from the Department of Electronics and Communication Engineering have been selected for their outstanding project ideas.

- **Team 1:** K. Abarna, M. Abirami, and N. Lakshmi Priya were selected under the Climate Change/Disaster Management theme, mentored by Mr. M. Prabhakaran, AP/ECE.
- **Team 2:** K. Balamurugan, R. Harish, N. Vasudev, and G. Yukesh Kannan were selected under the Smart Education/Edu-Tech/Skill Development theme, mentored by Ms. J. Jenisha, AP/ECE.

- **Team 3:** B. Raghul, M. Gunasekar, and R. Sibiraj were selected under the Rural & Urban Development / Manufacturing / Engineering and Technology theme, mentored by Mrs. A. Karthikeyani, AP/ECE.

This remarkable achievement highlights the innovative spirit and societal focus of our students, as well as the dedicated guidance provided by their faculty mentors.

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**Naan Mudhalvan Niral Thiruvizha 2.0**  
Shortlisted Teams From IV Year ECE

**Team Name : Tech Titans**  
Theme : Climate Change/ Disaster Management  
K.Abarna, M.Abirami, N.Lakshmi Priya  
Mentor : Mr.M.Prabhakaran AP/ECE

**Team Name : Sigmacoder**  
Theme : Smart Education/ Edu-Tech/ Skill Development  
K.Balamurugan, R.Harish, N.Vasudev  
G.Yukesh Kannan  
Mentor: Ms.J.Jenisha AP/ECE

**Team Name : Power Three**  
Theme : Rural & Urban development/ Manufacturing/ Engineering Technology  
B.Raghul, M.Gunasekar, R.Sibiraj  
Mentor : Mrs. A.Karthikeyani AP/ECE

**Congratulations!**

**Each Team Won ₹ 10,000**

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## INDUSTRIAL VISIT

On the 18th and 19th of April 2025, students from the Department of Electronics and Communication Engineering (I, II, III, and IV Years) participated in an industrial visit aimed at enhancing their practical understanding of industry operations. A total of 105 students, accompanied by 6 faculty members, visited three key locations: Traco Cable Company in Kochi, the Marayoor Jaggery Production Unit in Marayoor, and Wonderla Amusement Park in Kochi. The visit provided valuable exposure to real-world industrial processes, traditional production methods, and large-scale operational management.





## PLACEMENTS

Hearty congratulations to T. Gaythri, final-year student of the Department of Electronics and Communication Engineering, on being placed as a Networking Trainee Engineer at Silicon House. The department takes pride in her achievement and wishes her continued success in her professional journey.



### CONGRATULATIONS!

We Congratulate our **BE Student** who got placed as **Networking Trainee Engineer** in



**Salary : 3.60 LPA**



GAYATHRI T  
ECE

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