

VISION OF THE DEPARTMENT

To impart quality technical education in the field of Electronics and Communication Engineering in the young minds for serving the Society and Industry in a globally challenging environment

MISSION OF THE DEPARTMENT

To achieve the vision, the department will

- Impart quality education through state-of-the-art curriculum to meet global needs in Electronics and Communication Engineering field.
- Establish a conducive learning environment for continuous improvement to face the challenges in overall professional development.
- Instill competencies for working in interdisciplinary work culture
- Create desire for undertaking lifelong learning and entrepreneurship initiatives

PROGRAMME EDUCATIONAL OBJECTIVES (PEOS)

Programme Educational Objectives (PEOs) are established through a consultation process. PEOs are broad statements that describe the career and professional accomplishments that the graduates should achieve three to five years after graduation. The Electronics and Communication Engineering programme graduates will

PEO1: Pursue their professional careers in Electronics and Communication Engineering and related fields by engaging in a global competitive landscape.

PEO2: Seek advanced education and actively enhance their professional skills.

PEO3: Effectively convey ideas and exhibit professionalism when collaborating within diverse teams.

PEO4: Exhibit good inter-personal skills and demonstrate concern for society and environment

PROGRAMME SPECIFIC OUTCOMES (PSOS)

On completion of the B.E (ECE) degree the Electronics and Communication graduates will be able to

PSO 1: Analyze and Design Electronic Systems for Signal Processing and Communication Applications.

PSO 2: Identify and Apply Engineering Tools for Design, Analysis, Synthesis and Validation of VLSI and Communication Systems.

PSO 3: Demonstrate the Conceptual Knowledge with Respect to Architecture, Design, Analysis and Deployment in Embedded Systems and Computer Networking.

CHIEF EDITORS



DR.K. TAMILARASI

AP/ECE



MRS R. PUSHPAVATHI

AP/ECE



MRS A. ANITHARANI

AP/ECE

EDITORIAL STUDENT MEMBERS



S. SIVARANJANI

II Year B.E.ECE



M. SOLOMONRAJA

II Year B.E.ECE



ANANTH M

II Year B.E.ECE

ACDEMIC ACTIVITIES



A Workshop on Arduino and its Applications was conducted on 08.07.2023, facilitated by Mr. N. Rajagopalakrishnan and Ms. S. Theivanayaki, Assistant Professors from the ECE Department. The session provided hands-on experience and insights into various Arduino-based projects. It enhanced participants' practical skills and fostered innovation in embedded system design.

A Webinar on Opportunities after Engineering through GATE/ESE/PSUs was organized on 22.07.2023, led by Dr. A. Vasantharaj, Associate Professor, ECE Department. The session provided valuable guidance on career prospects and preparation strategies. It motivated students to explore competitive exams for advancing their professional careers.



A Seminar on "Introduction to Intellectual Property Rights (IPR) and its Importance in the Modern Global Economic Environment" and "Unlocking the Potential: Converting Innovative Projects into Patents" was conducted on 28.07.2023. The session was delivered by Dr. Saravanan Sethuraman, Principal Engineer and Memory System Architect at Intel, USA. It provided deep insights into the significance of IPR and strategies for transforming innovations into valuable patents.



A Seminar on "Internet of Things (IoT) in Smart Cities" was conducted on **05.08.2023**, facilitated by **Ms. K. Kodeeswari** and **Ms. S. Theivanayaki**, Assistant Professors from the **ECE Department**. The session focused on the role of IoT technologies in developing smart city solutions and enhancing urban living. It provided students with practical insights into emerging trends and applications of IoT.

A Value Added Course on "SoC in Embedded Systems" was organized on **05.08.2023**, **12.08.2023**, and **19.08.2023**. The sessions were handled by **Mr. V. Sakthivel** and **Mr. N. Sakthivel**, Assistant Professors, **ECE Department**. The course provided in-depth knowledge of System-on-Chip design and its applications, enhancing students' skills in embedded system development.



A Skill Development Program for non-teaching faculty members on "Operating Systems and Basic Software Installation" was conducted on **29.08.2023**. The session was facilitated by **Mrs. A. Anitharani** and **Ms. S. Theivanayaki**, Assistant Professors from the **ECE Department**. It aimed to enhance technical skills and improve efficiency in managing system software installations.



An Alumni Guest Lecture on "Emerging Applications of IoT" was conducted on **23.09.2023**. The session was delivered by **Mr. Fazil Mohammed S**, Manager, Remote Monitoring, **Schneider Electric ITBU Pvt. Ltd.** He shared valuable insights on the latest IoT trends and their real-world industrial applications, inspiring students to explore innovative solutions in the IoT domain.

An EDC Seminar on "Product Development through Design Thinking" was organized on **23.09.2023**. The session was delivered by **Mr. M. Gowrisankar**, Assistant Professor, **MBA Department, Excel Engineering College**. It provided students with insights into innovative problem-solving techniques and strategies for developing user-centered products.



NON ACDEMIC ACTIVITIES



A Non-Academic Event on "Universal Challenges and Gender Equality in Education" was organized on **02.09.2023**. The event featured **Speech, Poster, and Essay Competitions** focused on creating awareness about gender discrimination. It was coordinated by **Mrs. A. Anitharani** and **Mr. N. Siva**, Assistant Professors, **ECE Department**.



A Non-Academic Event on "Awareness Program on Save Trees and Ecosystems" was conducted on **02.09.2023**. The program aimed to promote environmental conservation and sustainability. It was coordinated by **Mr. N. Rajagopalakrishnan** and **Ms. K. Kodeeswari**, Assistant Professors, **ECE Department**.

Engineers Day was celebrated on **21.09.2023** with an **Idea Presentation** event on the theme "Engineering for a Sustainable Future", focusing on **Sustainability, Health Security, and Joy of Living**. The event was coordinated by **Ms. S. Theivanayaki**, Assistant Professor, **ECE Department**, to encourage innovative thinking and solutions for a better future.



STUDENTS ACHIEVEMENTS



Shri Prakash Baitha, Ujjwal Prakash, K. Visruth, and Shivpujan Kumar of II year won **First Prize** in a Symposium held on **16.06.2023** at **P.A. College of Engineering and Technology**.



P. Raguram of III year won **Second Prize** in a Symposium held on **11.09.2023** at **SNS College of Technology**.