

**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 Value-Added Course on “**Electronics System Design Using PSpice**” was conducted, coordinated by Mr. V. Sakthivel, AP/ECE, and Mrs. A. Anitha Rani, AP/ECE. The sessions were held on **09.02.2024, 17.02.2024, 02.03.2024, and 16.03.2024**, offering hands-on experience in circuit simulation and design to enhance students' technical skills.

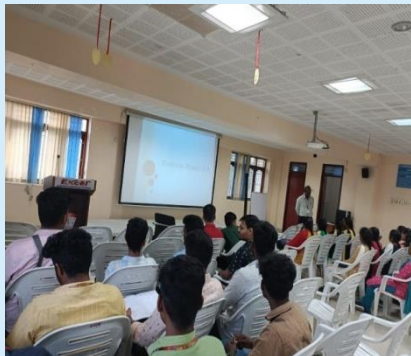
An **Academic Guest Lecture** on “Future Trends and Innovation in AIoT” was conducted on **29.02.2024**. The session was delivered by **Dr. Dinesh Ganesan**, Assistant Professor, Government College of Engineering, Salem, providing insights into the latest advancements and innovative approaches in AIoT technologies.



An **Industry Guest Lecture** on “Introduction to Anti-Counterfeiting and Importance of Anti-Counterfeiting in the Modern Global Economic Environment & Anti-Counterfeiting Challenges and Opportunities in Engineering” was conducted on **16.02.2024**. The session was delivered by **Dr. Suresh Kumar G. S.**, Senior Project Associate, CSIR-National Institute for Interdisciplinary Science and Technology, focusing on the significance of anti-counterfeiting measures and emerging challenges in the field.



**NON ACDEMIC ACTIVITIES**



A **Non-Academic Event** on National Puzzle Day was organized on **29.01.2024**, coordinated by **Mr. V. Sakthivel**, AP/ECE, and **Mr. N. Siva**, AP/ECE, to promote problem-solving skills, logical thinking, and creativity among students.

A **Non-Academic Event** on *International Day of Women and Girls in Science* was organized on **13.02.2024**, coordinated by **Mrs. T. Nathiya**, AP/ECE, and **Mrs. Anitha Rani**, AP/ECE, to inspire and encourage the participation of women and girls in the field of science and technology.



A **Non-Academic Event** on Awareness Program on Global Recycling Day was organized on **18.03.2024**, coordinated by **Mr. P. Loganathan**, AP/ECE, and **Mr. S. Satheesh Kumar**, AP/ECE, to promote the importance of recycling and sustainable environmental practices.

An Awareness Program on Global Recycling Day was organized on **18/03/2024**, coordinated by **Mr. P. Loganathan**, AP/ECE, and **Mr. S. Satheesh Kumar**, AP/ECE, to promote the importance of recycling and sustainable environmental practices.



A **Sports Activities event** was organized on **16/03/2024**, coordinated by **Mr. D. S. Mydheeshwaran**, AP/ECE, and **Mr. N. Sakthivel**, AP/ECE, to encourage student participation and promote physical fitness.

An **IQAC event on World Radio Day** was organized on **13/02/2024**, coordinated by **Mr. V. Sakthivel**, AP/ECE, and **Mr. N. Siva**, AP/ECE, to celebrate the significance of radio in communication and media.



**FACULTY ACHIVEMENTS**



**Dr. R. Dinesh**, “Semantic Segmentation and Content-Based Retrieval in Multimedia Image Databases,” published in **ICTACT Journal on Image and Video Processing**, UGC approved.

**Mr. Rajagopalakrishnan**, “Machine Learning Based Smart Water Vending Machine for Convenient and Sustainable Hydration Solution,” published in **International Journal of Scientific Research in Engineering and Management**.



**Ms. Anitharani**, “Neural Greenery: Advancements in Plant Leaf Disease Recognition Using Deep Learning,” published in **International Journal of Scientific Research in Engineering and Management**.

**Mr. Karthik Prabhu** (202441026998), “Intelligent Inspection System for Industrial Goods Utilizing ML Algorithm.”Status: Published.



**STUDENTS ACHIEVEMENTS**

**M. Ananth (II Year)** won **III Prize** in a **Symposium** held on **01/03/2024** at **K. Ramakrishnan College of Technology**.

**B. S. Sekaran (II Year)** won **II Prize** in a **Symposium** held on **06/03/2024** at **Knowledge Institute of Technology**

**K. Poongundran (II Year)** won **II Prize** in a **Symposium** held on **06/03/2024** at **Knowledge Institute of Technology**

**B. S. Sekaran (II Year)** won **II Prize** in a **Symposium** held on **06/03/2024** at **Knowledge Institute of Technology**

**M. Ananth (II Year)** won **II Prize** in a **Symposium** held on **06/03/2024** at **Knowledge Institute of Technology**.

**Ragul Kumar (II Year)** won **I Prize** in a **Hackathon** held on **12/03/2024** at **K. Ramakrishnan College of Technology**.

**ShivPujan Kumar (II Year)** won **I Prize** in a **Hackathon** held on **12/03/2024** at **K. Ramakrishnan College of Technology**.

**Rajaguptha (II Year)** won **I Prize** in a **Hackathon** held on **12/03/2024** at **K. Ramakrishnan College of Technology**.

**K. Visruth (II Year)** won **I Prize** in a **Hackathon** held on **12/03/2024** at **K. Ramakrishnan College of Technology**

**B. S. Sekaran (II Year)** won **III Prize** in a **Symposium** held on **13/03/2024** at **Government College of Engineering**.

**M. Sanjeevan (III Year)** won **III Prize** in a **Symposium** held on **13/03/2024** at **Government College of Engineering**.

**M. Archanaa (III Year)** won **I Prize** in a **Symposium** held on **16/03/2024** at **Kongu Engineering College**.