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.T.C KALAISELVI	MRS R. PUSHPAVATHI	MRS.A. ANITHARANI
HOD/ECE	AP/ECE	AP/ECE

EDITORIAL STUDENT MEMBERS

S. SIVARANJANI	M. SOLOMONRAJA	S. MOUNICA
III Year B.E.ECE	III Year B.E.ECE	II Year B.E.ECE

ACDEMIC ACTIVITIES

DRDO Sponsored National Level Seminar on "The Future is Small: MEMS Sensors Leading the Way" was organized on 29.04.2025 and 30.04.2025.

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NON ACDEMIC ACTIVITIES

National Exercise Day was organized on 18.04.2025 to promote fitness and well being.The event was coordinated by Mr. N. Rajagopalakrishnan, AP/ECE, and Mr. N. Kathirvel, AP/English. Students actively participated and engaged in various exercise activities.

World Telecommunication Day was celebrated on 17.05.2025 to emphasize the significance of communication technology in today's world. The event was coordinated by Mr. V. Sakthivel, AP/ECE, and Mr. N. Siva, AP/ECE, with active student participation, fostering awareness about the vital role of telecommunications in modern society.

IETE ACTIVEMENTS

The Department of ECE, under the **IETE – ISF Student Chapter**, organized **"INNOVATHON Contest 2K25"** on **23rd April 2025**, focusing on IoT, automation, smart systems, and sustainable technologies. The event encouraged innovation and problem-solving while providing a platform for students to showcase their creativity and receive valuable feedback from experts.

FACULTY ACHIVEMENTS

Dr. R. Dinesh published a research paper titled "GINSER: Geographic Information System Based Optimal Route Recommendation via Optimized Faster R-CNN" in the **International Journal of Computational Intelligence Systems (SCI)**.

Dr. K. Tamilarasi published a research paper titled "Optimized SVM Parameters with Google Net Model for Handwritten Signature Verification" in the **Journal of Electrical Systems (SCOPUS)**. This work focuses on enhancing signature verification accuracy using advanced deep learning techniques.


Mrs T.Nathiya published a research paper titled "Optimized SVM Parameters with Google Net Model for Handwritten Signature Verification" in the **Journal of Electrical Systems (SCOPUS)**. This work focuses on enhancing signature verification accuracy using advanced deep learning techniques.

STUDENT ACHIVEMENTS

We are proud to share that **Mr. Sabarinathan** successfully completed the **NPTEL online certification course "Affective Computing"** with an **Elite distinction**, securing **64%**. This 12-week course, funded by the **Ministry of Education**, focused on systems that recognize and process human emotions. His achievement reflects his dedication to continuous learning and excellence in emerging technologies

We are proud to share that **Mr. Praveen Kumar** successfully completed the **NPTEL online certification course "Cloud Computing"** with an **Elite distinction**, securing **69%**. This 12-week course, funded by the **Ministry of Education**, covered core concepts and practical aspects of cloud technologies. His achievement reflects his commitment to continuous learning and excellence in cutting-edge technologies.
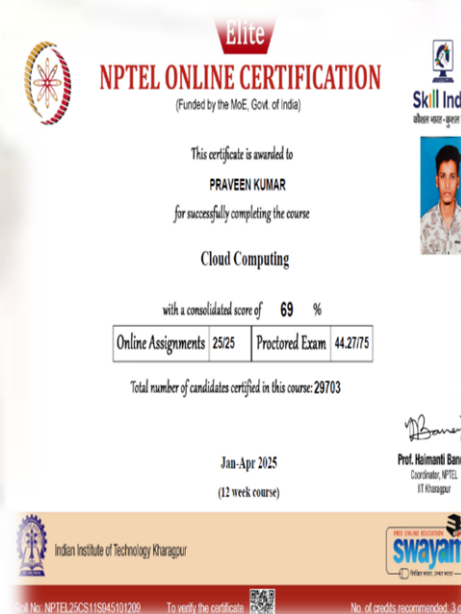
B.S Sekaran III ECE B

Won First Prize in **Ideation** at PRATHIYOGITHA 25, **Kongu Engineering College**.

Won Second Prize in **Project Presentation** at PRATHIYOGITHA 25, **Kongu Engineering College**.

Won Third Prize in **Open Project Poster Presentation** at TEXPERIA 2025, **SNS College of Technology**.

Won Second Prize in **Project Presentation** at PRATHIYOGITHA 25, **Kongu Engineering**

AMARTHEEN S, BARATH KUMAR T, ANANTH M, S. SIVARANJANI, KISHOR S, and GOKULAVASAN S successfully participated in **HACKSAGON 2025**, a National Level Software & Hardware Hackathon held from 27th to 29th June 2025 at ABV-IIITM, Gwalior. The team showcased innovation and dedication by clearing two competitive rounds among 600+ registered teams. We congratulate them for their exceptional skills, technical excellence, and enthusiasm for emerging technologies.