

ECR HERALD

DEPARTMENT OF ELECTRONICS AND
COMMUNICATION ENGINEERING
PRESENTS



VOLUME 4 | ISSUE 2
MARCH 2026

WHERE CREATIVITY MEETS TECHNOLOGY

VISION

- ◆ To produce professionally competent, ethically sound and socially responsible Electronics and Communication Engineers.

MISSION

- ◆ Provide excellent infrastructure and lab facilities for quality education.
- ◆ Promote industry-academic interactions to keep up with technological advancements.
- ◆ Develop interpersonal skills and social responsibility among students through project-based and team-based learning.

PROGRAM EDUCATIONAL OBJECTIVES (PEOs)

- ◆ Exemplify technical competence in designing, analyzing, testing and fabricating electronic circuits.
- ◆ Acquire leadership qualities, rapport, communication skills in the organization and adapt to changing professional and societal needs.
- ◆ Work effectively as individuals and as team members in multidisciplinary projects

PROGRAM SPECIFIC OUTCOMES (PSOs)

- ◆ Define, design, implement, model, and test electronic circuits and systems that perform signal processing functions.
- ◆ Segregate and select appropriate technologies for implementation of a modern communication system.

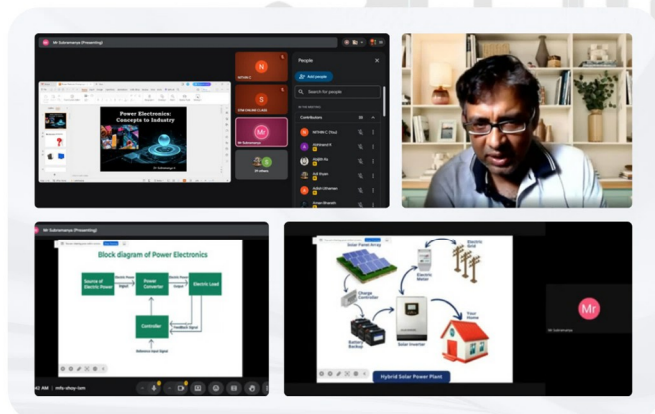
PROGRAM OUTCOMES (POs)

- ◆ **Engineering knowledge:** Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.
- ◆ **Problem analysis:** Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.
- ◆ **Design/development of solutions:** Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.
- ◆ **Conduct investigations of complex problems:** Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
- ◆ **Modern tool usage:** Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.
- ◆ **The engineer and society:** Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.
- ◆ **Environment and sustainability:** Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
- ◆ **Ethics:** Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
- ◆ **Individual and team work:** Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
- ◆ **Communication:** Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
- ◆ **Project management and finance:** Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.
- ◆ **Life-long learning:** Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

EVENTS

EXPERT TALK ON POWER ELECTRONICS: CONCEPTS TO INDUSTRY

◆ The Department of Electronics and Communication Engineering (ECE), in association with IMPULSE, successfully conducted an expert session titled “Power Electronics: Concepts to Industry” on 30TH January, 2026. The session was delivered by Dr. Subramanya K, Assistant Professor in EEE Department at St. Joseph Engineering College, Mangaluru. The session provided students with a comprehensive understanding of power electronics fundamentals and their practical industrial applications.



WORKSHOP ON - AI IN RESEARCH

◆ The Department of Electronics and Communication Engineering conducted a workshop on “AI in Research” on 3rd February 2026 at Seminar Hall 1. The session was delivered by Nebic J Johnson, CMO & Co-Founder of TransEduverse, in association with the Institution’s Innovation Council (IIC). The workshop provided participants with practical knowledge on leveraging Artificial Intelligence tools to enhance research quality, productivity, and innovation.



WORKSHOP ON PRODUCT DESIGN - INNOVATION TO IMPLEMENTATION

◆ The Department of Electronics and Communication Engineering organized a workshop titled “Innovation to Implementation – Workshop on Product Design” on 14TH February, 2026. The session was delivered by Abhinav Rajeev, Director of Bumblebee Instruments Pvt Ltd, who shared practical perspectives on transforming innovative ideas into market-ready products. The workshop provided participants with valuable exposure to product development processes, industry practices, and real-world implementation strategies.



CHRISTMAS 2K25



DEPARTMENT TOPPERS

S7



MARJANA T



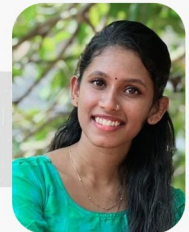
**AMSHIGA
RANJITH**



JYOTHIKA V



**GOPIKA
LATHEESH**



**KRISHNENDHU
S NAIR**



ANUJITH K



VIGHNESH T



**NAVANEETH
NARAYANAN**



**RASHNA
RATHEESH M**



REJIN RAM C

ACHIEVEMENTS

STAFF ACHIEVEMENTS

- ◆ Mr. Nithin C attended the IEEE ISDL / AP-S TCAM One-Day Workshop held on 13 December 2025 at the Department of Electronics, CUSAT.
- ◆ Ms. Arsha C Dinesh, Ms. Arya C, Ms. Athira V, Mr. Manu Thomas and Ms. Sreetha Sreedhar K attended a 5-Day FDP on “AI and IoT Convergence of Smart Solutions” conducted by the Department of Electronics and Communication Engineering, College of Engineering Kottarakkara.
- ◆ Ms. Arsha C Dinesh, Ms. Arya C, Ms. Athira V, Mr. Manu Thomas and Ms. Sreetha Sreedhar K attended a 5-Day FDP on “Bridging Industry and Academia: Advanced Communication Techniques ” conducted by the Department of Electronics and Communication Engineering, College of Engineering, Karunagapally.
- ◆ Ms. Rinija G N attended a 5-Day FDP on “AI in Education: Teaching, Learning and Assesment” conducted by the Department of Computer Science and Engineering at Mount Zion College of Engineering.

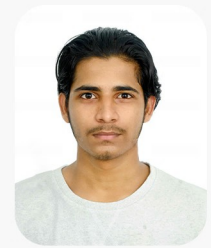
STUDENT ACHIEVEMENTS

- ◆ Navaneeth Narayanan of 2022-26 batch attended the IEEE ISDL / AP-S TCAM One-Day Workshop held on 13 December 2025 at the Department of Electronics, CUSAT.
- ◆ Two teams — Abhinrag K, Amshiga Ranjith, Hridik N and Rashna Ratheesh; and Hanan M V, Krishnendhu S Nair, Vighnesh T, and Jyothika N — qualified for the District Level Evaluation of YIP 8.0.

- ◆ Alen M. and Muhammed Hanan Bin Siraj of 2023-27 batch were recognised as Top Performers in Web Development and Implementation during the one month IOT and Web Development Internship Program organised by Gyaan Innovation Lab, IIIT Kottayam in collaboration with IEEE SPS Kerala Chapter.



Alen M



Muhammed Hanan Bin Siraj

UNION REPRESENTATIVES 2025-26

- ◆ Alen M of the 2023-27 batch was elected as the Chairman of the College Union for the academic year 2025-26.
- ◆ Yadhunand Pradeep K V of the 2024-28 batch was elected as the University Union Councillor of the College Union for the academic year 2025-26.

PRE-EMINENCE IN NPTEL

- ◆ Samanyu N Jils of 2023-27 batch batch has successfully completed the NPTEL-SWAYAM online certification course on Digital Circuits (July – October 2025).



Samanyu N Jils

PLACEMENTS



Navaneeth Narayanan
Secured 4 placement offers



Sourav K K
Secured 2 placement offers



Krishnendhu S Nair
Secured 1 placement offer



Anujith K
Secured 1 placement offer



Gopika Latheesh
Secured 1 placement offer



IMPULSE

EDITORIAL TEAM

Mrs. Athira V (Asst. Prof)

Krishnendu S Nair (S8 ECE)

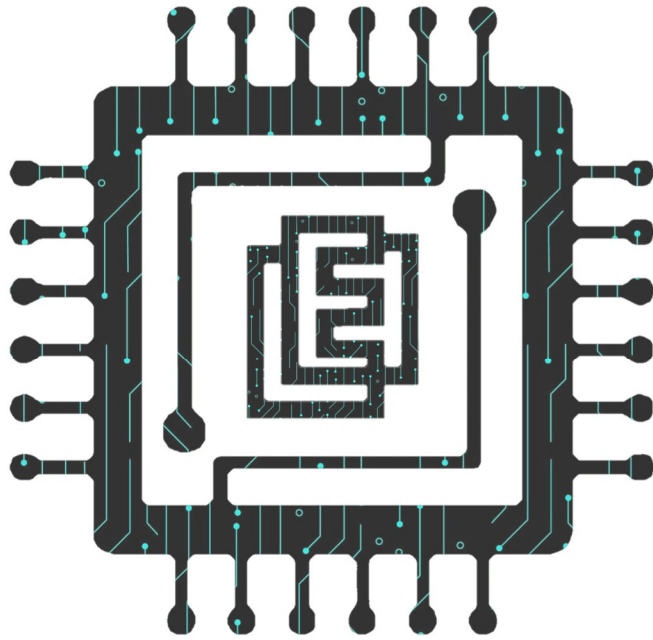
Navaneeth Narayanan (S8 ECE)

Akshay Vinod (S6 ECE)

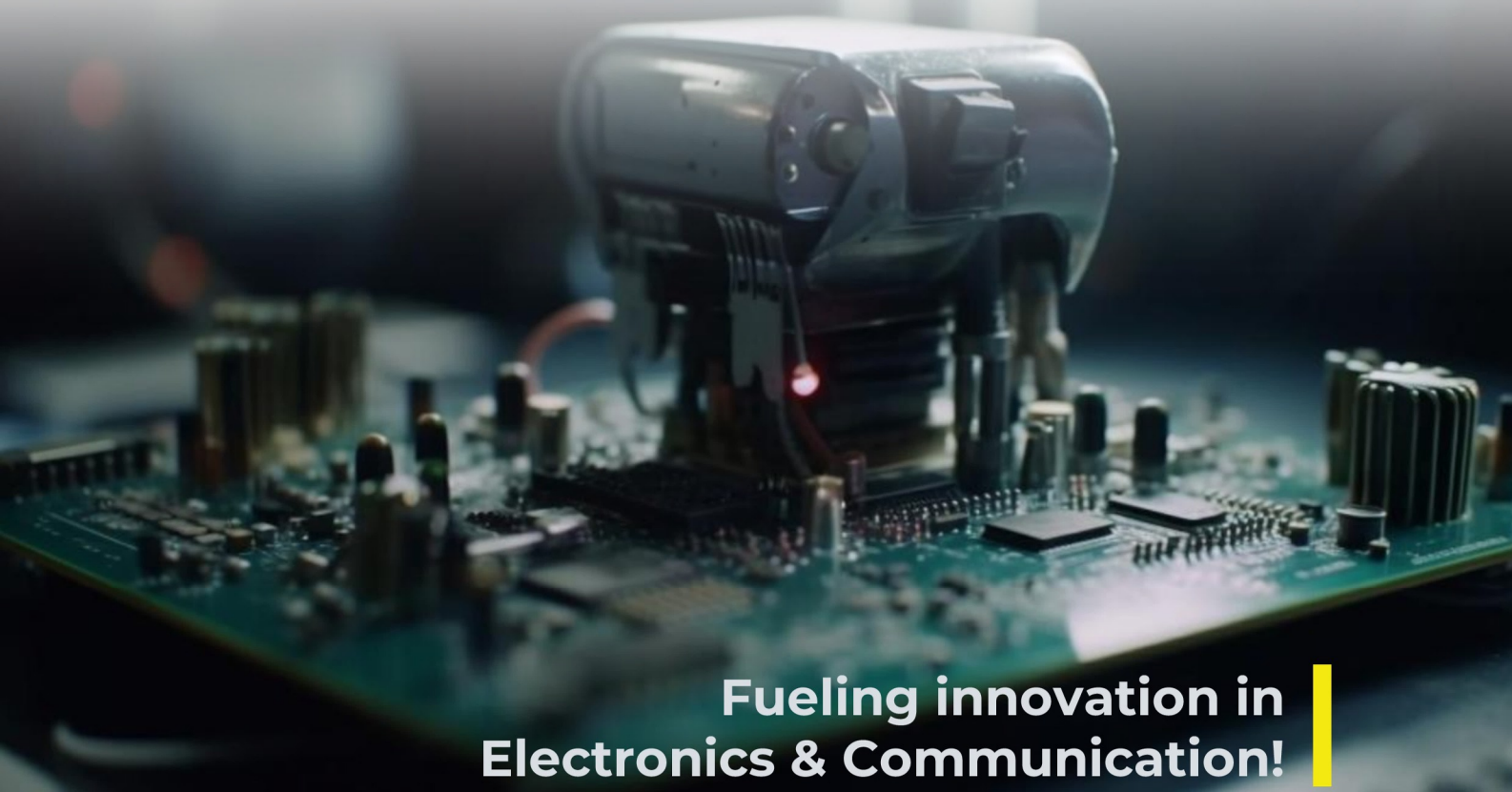
Diya A P (S6 ECE)

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IMPULSE



**Fueling innovation in
Electronics & Communication!**