



Institution Making Students Ready for “Industry 4.0”

Editor in Chief

Prof.Y.Mohamed Badcha,
Asso. Prof / EEE

Faculty Members

1. **Dr. G. Sundararajan,** Asst. Professor (Sr.G) / EEE
2. **Mr. S. Karthikeyan,** Asst. Professor / EEE
3. **Mrs. AR. Manjula Devi,** Asst. Professor / EEE

Student Members

1. G.Kiruthika Sri, IV year/EEE
2. S.Lisha, IV year/EEE
3. V.Mohith, III year/EEE
4. V.Singaravel, III year/ EEE
5. M.Asath Ali, II year/EEE

*Editorial
Board*



EEE NEWS LETTER



DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

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- To provide students with high quality education so that they are well prepared to become high caliber Electrical and Electronics Engineers, and it aspires to grow to the level of gaining global recognition.



- Developing competent technocrats who strive continuously in pursuit of professional excellence in the field of Electrical and Electronics Engineering.
- Developing and sustain a culture of research while promoting values, ethics and professionalism.
- Offering well balanced curriculum to help students acquire professional competencies and to arrange placements for students.
- Developing state of the art infrastructure and research for effective teaching learning process.
- Strengthening of soft skills especially for rural students through co-curricular and extra-curricular activities.

PROGRAM EDUCATIONAL OBJECTIVES (PEOs)

PEOs	Content
PEO1	Find employment in Core Electrical and Electronics Engineering and service sectors.
PEO2	Get elevated to technical lead position and lead the organization competitively.
PEO3	Enter into higher studies leading to post-graduate and research degrees. Become consultant and provide solutions to the practical problems of core organization.
PEO4	Become an entrepreneur and be part of electrical and electronics product and service industries.

PROGRAM OUTCOMES (POs)

POs	Title	Content
PO1	Engineering knowledge	Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.
PO2	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.
PO3	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.
PO4	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.
PO5	Modern tool usage	Create, select, and apply appropriate techniques, resources, and modern engineering and communication tools including prediction and modeling to complex engineering activities with an understanding of the limitations.

PO6	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.
PO7	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.
PO8	Ethics	Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
PO9	Individual and team work	Function effectively as an individual and as a member or leader in diverse teams, and in multidisciplinary settings.
PO10	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.
PO11	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.
PO12	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.

PROGRAM SPECIFIC OUTCOMES (PSOs)

PSOs	Content
PSO1	Foundation of Electrical Engineering: Ability to understand the principles and working of electrical components, circuits, systems and control that are forming a part of power generation, transmission, distribution, utilization, conservation and energy saving. Students can assess the power management, auditing, crisis and energy saving aspects.
PSO2	Foundation of Mathematical Concepts: Ability to apply mathematical methodologies to solve problems related with electrical engineering using appropriate engineering tools and algorithms.
PSO3	Computing and Research Ability: Ability to use knowledge in various domains to identify research gaps and hence to provide solution which leads to new ideas and innovations.

MAJOR EVENT

- Our department association, EETA and ISTE, organized a guest lecture on testing and commissioning of protective relays on 16.10.2025. The resource person for the event was Er. V. Shanmugasundaram, Executive Engineer (Retd) at TNEB.



- Our alumnus D. Chandru, CEO of Technorucs Pvt Limited, shared his experience and opportunities in the Industry on 13.10.2025.



- Our department celebrated Authapooja and Saraswathi Pooja on 1.10.2025.



STUDENTS' ACHIEVEMENTS

Our EEE students K. Devatharshini, J. Princy, S. Soundariya, S. Sindhu, R. Dharani, P. Vanaja, R. Swetha, T. Thilagavathi, S. Maheswaran, V. Iyappan, P. Rajesh, M. Dhesigan, M. Jegan, L. Vinitha, V. Alwin Arputham, D. Guruprasath, R. Saravanaprasath, A. Vishnu, S. Santhosh participated the workshop on “PCB DESIGNING” at Alagappa Chettiar Government College of Engineering and Technology, Karraikudi on 15.10.2025.



P. Rajesh, M. Dhesigan, J. Princy, P. Vanaja, R. Swetha, T. Thilagavathi, K. Devatharshini, S. Maheswaran, V. Iyappan, M. Jegan, L. Vinitha, V. Alwin Arputham, S. Soundariya, S. Sindhu, R. Dharani, D. Guruprasath, participated in a symposium at Alagappa Chettiar Government College of Engineering and Technology, Karaikudi, on 16.10.2025.



Science Tech Fest' 2025 held during 10.10.2025 and 11.10.2025 at Dhanalakshmi Srinivasan University, Samayapuram, and the following students from our department secured prizes in various events:

1. S. Gokul, V. Meenambigai participated in the event BUZZ' A BYTE and won First Place.
2. G. Kiruthika Sri participated in the event Buzzer Bump and won First Place.
3. R. Zignan Balg Samuel participated in the event Micropipette Challenge and won First Place.
4. S.Lisha, R. Deepiga participated in the event Tech Talk and won Second Place.
5. S. Allwin Jacob, R. Ramesh participated in the event Electrical Multimedia Presentation and won Third Place.
6. T. Ezill Arasan participated in the event Micropipette Challenge and won Third Place.
7. R. Zignan Balg Samuel participated in the event Obstacle Maze and won Third Place.



A. Mohamed Azeemudeen, K. Bharathi, K. K.Chithiyan, K. Chithiyan, A. Nithishwar, S. Dev Karthi Kumar, S. Mahalakshmi, S. Mohamed Thoufeeq, S. Mariyam Bushram, P. Sakthi, Ruthra Priyan, Mohamed Shahil, R. R.Rithika, Ramesh, R. Saravana Sanjith, S. S.Dhanusuya, and S. Sashtika participated in Science Tech Fest 25 at Dhanalakshmi Srinivasan University from 10.10.2025 to 11.10.2025. Our principal Dr. P. Mathiyalagan congratulated the students for their achievements.



FACULTIES' ACHIEVEMENTS

Dr. G. Sundararajan and Prof. Y. Mohamed Batcha visited Industrial Rubber Company, Thanjavur, regarding consultancy work on 03.10.2025



Mr. S. Karthikeyan, Mr. S. Muthuveerapan, and Mr. J. Amala Arockiaraj Participated in the ATAL FDP on Human-Centric & Sustainable Manufacturing in the Industrial 5.0 Era at J.J. College of Engineering and Technology from 06.10.2025 to 11.10.2025.

