



Electroverse

NEWSLETTER

Volume : 1, Issue : 2

Vision

To make the Department of Electronics and Communication Engineering of this Institution the unique of its kind in the field of Research and Development activities in this part of world.

Mission

To impart highly innovative and technical knowledge in the field of Electronics and Communication Engineering to the urban and unreachable rural student folks through Total Quality Education.

Editor-in-Chief Message

It gives me great pleasure to present Electroverse – Volume 1, Issue 2 for August 2025. This edition showcases the achievements, research activities, FDPs, guest lectures, project submissions, and student accomplishments of the Department of ECE. The active participation of faculty members and students in emerging technologies and industry-oriented activities reflects the department's commitment to innovation, excellence, and continuous learning. The department continues to strengthen academic and industrial collaboration through research, skill development programmes, and professional interactions. I appreciate the efforts of all contributors who made these achievements possible and hope this newsletter continues to inspire future success, creativity, and technological advancement among our students and readers.

Dr. R. Suresh Babu, M.E., M.B.A, Ph.D.
Professor & Head

– Editor-in-Chief, Electroverse

Conference Presented

Dr. S. Nisha Rani and Dr. T. Prathiba presented a paper titled “Kepler-Optimized Attention-Based Sparse Graph Convolutional Neural Networks for Ammonium Level Prediction in Alluvial Groundwater” at the 3rd IEEE International Conference on Networks, Multimedia, and Information Technology (NMITCON-2025) organized by NITTE Meenakshi Institute of Technology.



Programme Organized

The ECE Department Indian Society for Technical Education (ISTE) Student Chapter organized a guest lecture on “Mind Over Matter: Stress Management for Engineering Students” on 18.08.2025. A total of 120 students from III Year ECE-A and ECE-B attended the programme. The session was coordinated by Dr. R. Suresh Babu and Er. P. Ramalakshmi. The resource person was Dr. B. Palani Selvan, Qualified QMS Auditor at TÜV SÜD.

Consultancy

Dr. A. Rajavel successfully completed a consultancy work at Paprika Oleo's India Pvt. Ltd. on 13.08.2025.

Achievements

Dr.S.Nisha Rani AP/ECE and Dr.T.Prathiba, ASP/ECE, were awarded “Best Paper Presenter” for the paper entitled “Kepler Optimized Attention -Based Sparse Graph Convolutional Neural Networks for Ammonium Level Prediction in Alluvial Groundwater” at 3rd International Conference on NMITCON- 2025 during 1/8/25 & 2/8/25 in Association with IEEE Bangalore section organized by NITTE Meenakshi Institute of Technology, Bengaluru

Reviewer

1. Dr. K. Ragini, Assistant Professor, received a Reviewer Certificate from the IEEE Third International Conference on Next Generation Computing (ICNGCS-2025) organized by the Departments of CSE, AI & DS at PSG Institute of Technology and Applied Research during 21–22 August 2025.
2. Dr. N. M. Mary Sindhuja received a Reviewer Recognition Certificate for the 3rd IEEE International Conference on Networks, Multimedia and Information Technology (NMITCON) organized at NITTE Meenakshi Institute of Technology in association with the IEEE Bangalore Section on 01.08.2025 and 02.08.2025.
3. Dr. N. M. Mary Sindhuja also received a Reviewer Recognition Certificate for the 2nd International Conference on Intelligent Algorithms for Computational Intelligence System (IACIS) organized at Navkis College of Engineering on 22.08.2025 and 23.08.2025.

Skill Development Program Attended

Mrs. C. Nagavani, AP/ECE, and Dr. T. Pandiselvi, ASP/ECE, attended the ATAL Faculty Development Programme on “Advanced Artificial Intelligence and Machine Learning Techniques for Medical Imaging Applications” organized by the Department of Computer Science and Engineering, KMEA Engineering College and sponsored by the AICTE Training and Learning Academy (ATAL). The programme was conducted from 18.08.2025 to 23.08.2025.

Dr. K. Ragini, AP/ECE, attended an online Faculty Development Programme on “Antenna Design for Next Generation Wireless Communication” organized by the Electronics and ICT Academy IIT Roorkee in association with Punjab Engineering College, held from 11.07.2025 to 17.07.2025.

Skill Development Program attended

Dr. K. Ragini participated in a plenary talk titled “MicroLEDs for Display and Non-Display Applications” organized by the IEEE Madhya Pradesh Section Electron Devices Society Chapter, IEEE Madhya Pradesh Section Nanotechnology Council Chapter, and the IEEE Sensors Council Student Chapter IIT Indore

Industry / Institute Visited

1. Dr. R. Sureshababu, Dr. D. Prince Winston, Dr. R. Rajprabhu, Dr. S. Nisharani, and Mrs. P. Ramalakshmi are scheduled to visit M/S. C. Packiam & Co. on 01.08.2025.
2. Dr. T. Prathiba, ASP/ECE, along with students Kamalakannan R. (23UEC117), Giriraj P. M. (23UEC005), Lokesh Kumar S. (23UIT105), and Naveen Kumar K. M. (23UIT014), visited Alpha Hospital on 06.08.2025 for database collection. During the visit, they interacted with Dr. Aruna Chelliah, MD, American Board (Endocrinology), Consultant Endocrinologist, Mr. Balaji Ramanathan, Senior Research Associate, and Mrs. Nithya, Out Patient Coordinator of the hospital.

Certification Course Completed by Student

C. Rajeswari, IV Year ECE student, successfully completed the International Certification in Amazon Web Services Cloud Practitioner.

Alumni Interaction

On 25.08.2025, alumni members Mr. Muthu Bharathi from Trivine Technologies and Mr. Yuvaraj from Selva Automation conducted an orientation session for the First Year ECE-A and ECE-B students.

Student's Extra-Curricular Event Participation

1. IV Year ECE student K. Balaji received a Gold Medal in the *1st State Beach SAMBO Championship – 2025* organized by the Tamil Nadu SAMBO Association at Annai Sathya Stadium, SDAT, on 03.08.2025 in the Adults category.
2. K. Balaji also received appreciation for serving as a referee for various competitions during the *1st State Beach SAMBO Championship – 2025* organized by the Tamil Nadu SAMBO Association at Annai Sathya Stadium on 03.08.2025.
3. III Year ECE-A student K. K. Hashini secured Third Prize in the doubles event (Cash Prize: ₹1,000 each) and Second Prize in the singles event (Cash Prize: ₹2,000) in Table Tennis at the CM Trophy Match organized by Aaral Academy on 27.08.2025.

Students Funded Project

1. Mrs. C. Nagavani, AP/ECE, along with final year students S. Hemasri and S. Atchaya Karthika, submitted a project proposal titled “Waste Segregation System for Wet, Plastic and E-Waste Powered by AI and Sensor Fusion with K210” to the Tamil Nadu State Council for Science and Technology (TNSCST–2025) under the theme Waste Management & Sustainability on 28.08.2025.
2. Mrs. C. Nagavani, AP/ECE, along with final year students R. Kishore Kumar, N. Ragavan, and M. Vadivel, submitted a project proposal titled “Smart Solar Dryer – Powered by AI Vision” to the Tamil Nadu State Council for Science and Technology (TNSCST–2025) under the Agricultural Sector on 28.08.2025.
3. Dr. N. M. Mary Sindhuja, along with final year project batches, submitted two project proposals to the Tamil Nadu State Council for Science and Technology (TNSCST–2025).



Editor-in-Chief

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***“Learning gives creativity, creativity leads to thinking,
thinking provides knowledge, knowledge makes you
great.”***

Dr. APJ Abdul Kalam