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DEPARTMENT OF ELECTRONICS AND COMMUNICATION

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Vision

- Producing competent engineers with innovative ideas to meet the global needs and standards.

Mission

- M1.** To produce graduates with technical expertise, professional attitude & ethical values.
- M2.** To reform the potency of Engineering through exploration-based learning.
- M3.** To create a passion amongst students for contributing to research by providing industry-oriented training
- M4.** To inculcate in the graduates, the thirst for self-learning & guide them to obtain knowledge in their chosen field.

About the Department



Dr. A.Poonguzhali

Professor & Head of the Dept

Department of Electronics and Communication Engineering was established at this institution in 1997. The department is AICTE approved and permanently affiliated to VTU and accredited by NAAC and NBA. The Department Offers UG courses. Further, it is recognized as “Research Centre” by VTU. The department is strengthened with qualified Doctorates, Professors, Assoc.Professors, Asst. Professors and technical staffs. Apart from the academic events department also oversees the overall development activities. The students are being provided with training /certification programs, industrial visits, periodic technical talks, workshops, conferences, empowering employability skills.

Department Activities

Workshop / Seminar / Conference/ Technical Talks

1. Department of Electronics and Communication Engineering, Sri Sairam College of Engineering, Bengaluru conducted a One-day workshop on "AI in VLSI:the Synergy driving Next Gen Semiconductor Technologies" on 19/03/2025 for third year ECE students. Mr. Mohsin Khan A, corporate trainer,cranes varsity,Bangalore was invited as the Chief Guest for this workshop.



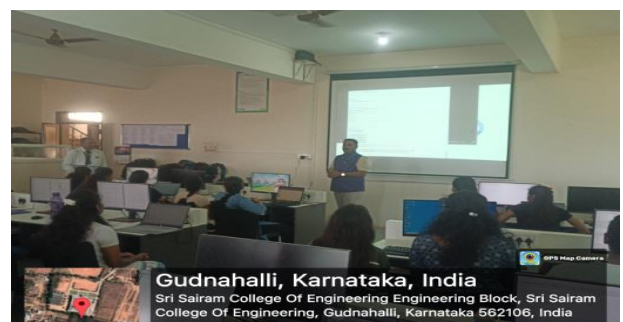
2. Department of Electronics and Communication Engineering, Sri Sairam College of Engineering, Bengaluru conducted a One-day workshop on “Machine Learning and Deep Learning for Medical Image Processing” on 03/03/2025 for third year ECE students. The resource person was Mr.A.Thiyagarajan, Trainer, Innovative Engineering Products, Hosur.



3. Department of Electronics and Communication Engineering, Sri Sairam College of Engineering, Bengaluru organized a Boot Camp on "3-D Printing Machine on 5G Antennas" with ISTE student branch on 20/03/2025 for third year ECE students. The Resource Person was Mr.Anudeep Vaggar, CEO, Sri Sai Technologies centre, Bangalore.



4. Department of Electronics and Communication Engineering, Sri Sairam College of Engineering, Bengaluru organized a Two-days workshop for Third year ECE students on the topic " LATEX Tool " on 19th and 20th of March 2025. The resource person was Mr. N.G.Girish Kumar, Associate Professor, Bangalore Institute of Technology, Bengaluru.



5.The Department of ECE at Sri Sairam College of Engineering, Anekal, Bengaluru,successfully organized the National-level symposium LIVAZ'25 on 23rd April 2025. The event aimed to promote knowledge-sharing, technical excellence, and creative expression.



Industrial Visits:

1.The Department of Electronics and Communication Engineering, Sri Sairam College of Engineering, Bengaluru organized an industrial visit to The IOT Show on 28th February 2025.



2.The Department of Electronics and Communication Engineering, Sri Sairam College of Engineering, Bengaluru organized an industrial visit to TVS Motor Company (3-Wheeler Plant), Hosur, Tamil Nadu on 19th March 2025.



3.The Department of Electronics and Communication Engineering, Sri Sairam College of Engineering, Bengaluru organized an industrial visit to U R Rao Satellite Centre (URSC), Bengaluru on 7th May 2025.



Paper Publications

1.Dr. Anitha.Velu has published a paper titled "Competent Way to Publish Heterogeneous Satellite Data on Web Deploying Semantic Technologies," 2025 International Conference on Computing and Communication Technologies (ICCCT), Chennai, India, 2025, pp.1-,DOI:10.1109/ICCCT63501.2025.11019137.

2.Dr.Anitha Velu has published a paper titled "IoT-Driven Early Warning System for Diabetic Foot Ulcer Deploying ML Algorithm," 2025 5th International Conference on Pervasive Computing and Social Networking (ICPCSN), Salem, India, 2025,pp.25-32,DOI:10.1109/ ICPCSN65 854 .2025.1103507.

3. Dr.Anitha Velu, has published a paper titled "NLP-Driven Detection of Cyber-Bullying Comments in Instagram Social Network," 2025 4th International Conference on Computing and Information Technology (ICCIT), Tabuk, Saudi Arabia, 2025, pp. 383-388, DOI:10.1109/ ICCIT63348.2025.10989475.

4.Dr.Jayakumar S. (2025). SwinRODNet Swin Transformer-Based Remote Sensing Object Detection Network. Journal of Information Systems Engineering and Management. 10. 16-26.10.52783/jisem.v10i19s.2971.

FDP's attended

	NAME	FDP NAME	DATE	NO OF DAYS	NAME OF THE INSTITUTE
1	Prof.Savitha H S	Navigating the patent path way	17/05/2025	1Day	Sri Sairam College of Engineering
2	Dr.A.Poonguzhali	Emerging wireless Technologies for 6G	06/01/2025 to 10/01/2025	5 Days	CVR College of Engineering
3	Dr.A.Poonguzhali	Intellectual Property Rights	24/02/2025 to 28/02/2025	5 Days	IPR Cell, St. Xavier's University, Kolkata
4	Prof.Raja GV	NAAC Assessment Accreditation	21/02/2025	1Day	AKSHARA FIRST GRADE COLLEGE
5	Prof.Selva Sherin	Future Ready Grids: Renewable Integration, Electric Vehicles, and Sustainable Smart Technologies	17/03/2025 to 21/03/2025	4Days	SR University Warangal, Telangana, India
6	Prof.Selva Sherin	The Foundations and future of Quantum computing	05/05/2025 to 09/05/2025	5Days	Sri Sairam College of Engineering
7	Dr. S. Jayakumar	The Foundations and future of Quantum computing	05/05/2025 to 09/05/2025	5Days	Sri Sairam College of Engineering
8	Prof.Savitha H S	Introduction to Microstrip Antennas	26/03/2025	1Day	SR University
9	Dr.Anitha V	The Foundations and future of Quantum computing	05/05/2025 to 09/05/2025	5Days	Sri Sairam College of Engineering
10	Prof.Raja GV	The Foundations and future of Quantum computing	05/05/2025 to 09/05/2025	5Days	Sri Sairam College of Engineering
11	Prof.Raja GV	AI Tools for research writing and Publishing in Scopus/SCI Journals	19/02/2025	1Day	Kapi's Womens college of Education

Patent Filed

SI No	Patent No	Status of Patent (Published / Granted)	Inventor's Name	Title of the Patent	Applicant's Name	Patent Filed Date (DD/MM/YYYY)	Patent Published Date / Granted Date (DD/MM/YYYY)
1	202541026686	Published	Dr. S. Jayakumar	IOT-Based Monitoring System for Real-Time detection of Harmful Gases and Fire Hazards in Work Environments	Dr. S. Jayakumar	23/03/2025	11/04/2025

Student Achievements

Name of the Student	Event	Prizes/Awards	Venue	Date
K.Abinaya and Akshata	Fortune flick	Won a cash prize of Rs.3000/-	PSG College of Engineering and technology	14/03/2025-16/03/2025
Mr. Venkatesan Sekar, N.Nandakumar, S.Mohammed Hussain	Textile Waste Hackathon	Won a cash prize of Rs.25000/-	National Institute of fashion technology Bengaluru.	15/03/2025-23/03/2025
P.Santosh, S.Divya, G.Tamilselvi, & N.Naveenkumar	Technical quiz	Won II prize	Alpha college of Engineering	21/03/2025
Mr. Nanda kumar.N, Mohammed Hussain.S, V.S Vidyashree, & Venkatesan Sekar	1M1Be-Waste Campaign	Campaign winner	All India Level - 1M1B e - Waste Campaign	April 2025
Vidhyashree V S	Best Student Chapter Award	Best Student Chapter Award	ISTE, Karnataka section	2025
Shine Denith N and Punith Gowda B N	Wrestling	Bronze medal	VTU 2025-26	2025-26
Ms.Prema M	Power lifting Women's Competition	Bronze medal	VTU State-Level	2025-26

Placement

The Following list of companies recruited the students of ECE during the academic year 2025.

Name of the Company	Number of Students Selected
TCS	6
NXT SYNC	5
ATHER	4
ENERCON	4
PENTAGON SPACE	4
VSTANS4U	3
WIPRO	3
ABRIGHT LAB	2
COGNIZANT	2
INFOSYS	2
Q-SPIDER	2
ACCELERATORX	1
ALORICA	1

ARCHANCE	1
CAPGEMINI	1
EMMVEE ENERGY PVT LTD	1
FOR MAGIC BUS INDIA FOUNDATION	1
FOXCONN	1
HCL	1
SIDE	1
VIRTUSA	1