



**SIR ISSAC NEWTON COLLEGE OF
ENGINEERING AND TECHNOLOGY**

NEWS LETTER

ODD SEM(2024-25)

**DEPARTMENT OF
ELECTRONICS AND COMMUNICATION ENGINEERING**

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ABOUT THE DEPARTMENT

The department of electronics and communication engineering was established in the year 2010. Then, it further extended with PG(M.E-Applied Electronics) course in 2014. Communication technology is one of the most sophisticated and rapidly changing application areas of electronics. It now pervades the lives of everyone, through mass communication networks and person-to-person communications based on fixed wireless networks. Our under graduate program provides a broad education in the fundamental principles and practice of electronics engineering.

The program is very practical with an emphasis to develop the students' knowledge and technical abilities in the areas of electronics and communication engineering. The aim of the department is to provide the students with a solid scientific and technical background in the design, development, manufacturing of electronic devices and system used in a wide spectrum of applications. The department offers a congenial environment with excellent an infrastructural facility which acts as a platform in achieving the essentials in this modern and promising technology. Guest lectures, workshops, Industrial Visits, In-plant training, seminars, in- house projects in collaboration with well established companies and other personality development that cater to the quest of today's society as well as student professionals. Association is led by student representatives and supported by a team of dedicated faulty to motivate the students. The students organize events like technical quiz, contests through the association. Various workshops and seminars by academic experts as well as by industry experts are organized. Co-curricular and extracurricular activities are planned and executed through the association of the department. The department has latest simulation tools to cater to various specializations and is equipped with facilities for measurement, characterization and synthesis of experimental as well as theoretical result.



STUDENTS ACHIEVEMENTS

INTERNSHIP IN ROBOTICS

R.HARINI,D.JAYASRI,K.RANJANI,B.BALAMURUGAN,I.SANJAY IV YEAR students attend the internship in the field of Robolix and Robotics & AI STEM Engineer Internship from NOV 14, 2025 to FEB 2025. It covers the topic such as Gen AI, REact, AWS, and Azure. They attended an internship program where I gained practical experience in a professional work environment. During the internship, I was exposed to real-world projects, collaborated with professionals in the field, and developed both technical and soft skills.

PAPER PRESENTATION

K.Nidhya,K.Jershini,II YEAR Students attend the symposium at Parisutham College in Tanjore. It covers the topic of Arduino and programming and other details. They present the paper presentation session where researchers and students presented their academic papers on various topics. It was an opportunity to observe how research is structured, presented, and defended in a formal academic setting. I gained a deeper understanding of academic communication, critical thinking, and the importance of evidence-based arguments.

INTERNSHIPS IN VARIOUS COMPANIES

III Year Student/VI Sem- K.AZHAGAN have completed internship at Square Technology Trichy in the domain of Embedded System.

III Year students attended the Internship in Techvolt Software, Coimbatore in JUL 2025.

III Year students attended the Internship in Merak Solution, Coimbatore in JUL 2025.

III Year students attended the Internship in EMGLITZ Technology the domain of (Advanced embedded system) in JUL 2025.

III Year students attended the Internship in Softyuga in the Domain of Robotics in JUL 2025.

III Year students attended the Internship in Next wave Company Chennai, they explored the domain in IOT. Date- 07.07.2025 to 06.08.2025 in JUL 2025.

DEPARTMENT EVENTS

SEMINAR

An insightful seminar titled "Effective Research Paper Writing and Avoiding Plagiarism Pitfalls" was organized by the Department of Electronics and Communication Engineering on 12th September 2024 at the SINCET Auditorium. The session was led by the esteemed Prof P. Navaneethakrishnan, Head of the Department, ECE. The seminar witnessed enthusiastic participation from 120 students across II, III, and IV-year ECE batches.



The Department of Electronics and Communication Engineering (ECE) organized an internal seminar on "X-MAX Technology" on September 12, 2024. The event was held at the ECE Computer Centre, with Prof. P. Navaneethakrishnan, Head of the ECE Department, serving as the resource person.

The seminar witnessed enthusiastic participation from students of the second and third years of the ECE department, with a total of 75 students attending the session. The event provided valuable insights into the advancements and applications of X-MAX technology, equipping students with knowledge relevant to cutting-edge developments in the field of electronics and communication.

The Department of Electronics and Communication Engineering (ECE) successfully conducted an internal seminar on "Storage Area Network (SAN)" on 13th December 2024. The seminar was held at the ECE Computer Centre, with Prof. P. Navaneethakrishnan, Head of the Department (HoD) of ECE, serving as the resource person.

The event was attended by 88 students from the III and IV year ECE batches, who actively participated and engaged in discussions on SAN technology and its applications. Prof. Navaneethakrishnan delivered an insightful session, providing a comprehensive understanding of the principles, architecture, and significance of SAN in modern data management and computing.



FACULTY ACHEIVEMENTS

Mr.P.NavaneethaKrishnan attended the International conference in 2024. Faculty Developement Programme on ATAL in 2024 and he organizes multiple events in Electronics and communication Department.



Mr.P.Arivazhagan attended the Faculty Developement Programme in Intellectual property and get 2 certified in NPTEL with Good Scores .He is an Training and placement officer in 2024.

Ms.K.Kuralamudhu attended the Faculty Developement Programme on the topic "Automation" by Nan Mudhalvan Scheme in July 2024.



Ms.K.Janani attended the Faculty Developement Programme on the topic "Emerging Technology " by Nan Mudhalvan Scheme in July 2024.

Ms.A.Badziya Lizy attended the Faculty Developement Programme on the topic "ADAS ECU Simulation " by Nan Mudhalvan Scheme in July 2024.



STAFF ACADEMIC RESULTS

Mr.P.NavaneethaKrishnan achieved a 93% success rate in the Transmission Line and RF System, with all 49 enrolled III year students attending regularly and no absentees.



Ms.Mahishanthini achieved a 100% success rate in the Analog Design , with all 49 enrolled III year students in Electronics and Communication engineering Department .

Ms.K.Kuralamudhu achieve a 100% success in Wireless Communication for ECE students.



Ms.K.Janani achieve a 100% success in Digital principles and Computer Organization for CSE students .

Dr.J.Suganya achieve a 100% success in Antenna Design for ECE Department over 49 students.



PLACEMENTS IN 2024


SIR ISSAC NEWTON
COLLEGE OF ENGINEERING AND TECHNOLOGY
(Approved by AICTE, New Delhi & Permanently Affiliated to Anna University, Chennai) An ISO 9001:2015 and 2(f) UGC Certified Institution, Accredited By NAAC With 'B++' Grade
 Velankanni Road, Pappakovil, Nagapattinam - 611 102 | Email : principal@sincet.ac.in | Web : www.sincet.ac.in

DREAM CORE PLACEMENT 2025

 EZHILAVAN E ECE	 BALAMURUGAN B ECE	 RAJASEKAR P ECE	 CHRISTOPHER J ECE	 MANOJ B ECE
 KIRAN M ECE	 KISHORE M MECH	 SEMMOZHI SELVAN A MECH	 CHANDRAN C MECH	 DHARMARAJ A MECH

10 ENGINEERS
FROM MECHANICAL AND
ECE DEPARTMENTS HAVE
BEEN SUCCESSFULLY PLACED

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CONGRATULATIONS TO ALL THE SELECTED STUDENTS!




E.EZHILAVAN, S.BALAMURUGAN, P.RAJASEKAR, J.CHRISTOPHER, S.MANOJ, M.KIRAN they are selected in Caterpillar Company in Chennai.

Our Department takes immense pride in announcing the selection of our bright and talented students by Caterpillar Inc., a global leader in construction and mining equipment, engines, and industrial technology.

Caterpillar is known not just for building machines that shape the world, but also for nurturing the next generation of innovators, engineers, and business leaders

ODD SEM RESULTS IN APR/MAY 2024

B.E - Electronics and Communication Engineering

 8.88 GPA K.NITHIYA 2nd YEAR - ECE	 8.67 GPA M.SUVETHA 3rd YEAR - ECE	 8.8 GPA B.BALAMURUGAN 4th YEAR - ECE
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EDITORIAL BOARD

EDITORIAL-BOARD

Chief-Editor

Ms.M.Mahishanthinii, M.E..
Assistant Professor /ECE

Student Editor

Imayavaramban II Year /ECE
Anbumani II Year/ECE