



V.S.B. COLLEGE OF ENGINEERING TECHNICAL CAMPUS

(An Autonomous Institution)

(Anna University Recognized Research Institute)

Approved by AICTE, New delhi, Affiliated to Anna University, Chennai

NBA Accredited Courses, Accredited by NAAC, Recognized under 2(f) of UGC Act

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

NEWSLETTER FOR JUNE 2025

**CIRCUITS, CODES, COMMUNICATION
ARE THE TRIFECTA!**

FIND YOUR INTELLIGENCE

Welcome to the latest edition of the ECE Department Newsletter!

In this fast-paced world of technology, Electronics and Communication Engineering continues to be at the forefront of innovation and progress.

This edition brings you a glimpse into recent departmental events, notable accomplishments, and inspiring stories from our students and faculty.

We also highlight research breakthroughs, workshops, guest lectures, and collaborations that fuel our growth.

Whether it's mastering the art of embedded systems or diving deep into wireless communication, our students are leading the charge.

We take pride in our alumni who continue to shine in diverse industries and academia across the globe.

As we look to the future, we remain dedicated to pushing the boundaries of technology and education.

Stay tuned, stay inspired — and continue this journey of innovation with us.



Powering the IoT revolution from the ground up



TRANSCENDENCE



**ABOUT THE DEPARTMENT
MESSAGE FROM THE HOD**

RESEARCH HIGHLIGHTS

AWARDS

PLACEMENT

STUDENT INTERVIEW

DEPARTMENT GROWTH

SPORTS AND ANNUAL DAY

FACULTY ACCOLADES

EDITORS



Have a look Inside the issue!!!!!!



Newsletter TRANSCEDENCE June 2025 About the Department

The Department of Electronics and Communication Engineering was established in 2012. It offers an UG Course namely B.E Electronics and Communication Engineering with a Sanctioned intake of 60 per division and P.G. Course namely VLSI Design and Embedded Systems. The department has excellent placement record more than 85% for the past few years. Our students got placed in top most companies like Tessolve solutions. The department frequently interacts with alumni to reduce the gap between industry and Institution.

Vision of the Department

To become a forerunner in producing skilled graduates with strong foundation in Electronics and Communication Engineering who can contribute significantly to the society.

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Mission of the Department

To provide excellent infrastructure and enriched curriculum to train and develop highly competent engineers with research aptitude.

To foster the skills of employability and entrepreneurship along with social responsibility among the students transforming them into intellectual professionals to support nation's growth.

To motivate the students in gaining knowledge about the modern technologies to meet the dynamic industrial needs supporting lifelong learning.



HOD's MESSAGE

It is a true honour and pleasure to share with you the latest edition of our own ECE newsletter. I am particularly proud of our thriving student community for their involvement in shaping this newsletter.

ECE students along with the support of a very dynamic editorial team present this excellent edition of the Newsletter.



Mrs.P.LATHA

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

The Electronics and Communication Engineering (ECE) Department is at the forefront of innovation, blending the fundamentals of electronics, communication systems, and signal processing to shape the future of technology. Our department is dedicated to fostering a dynamic learning environment where students gain hands-on experience with cutting-edge tools and techniques, preparing them to excel in industries such as telecommunications, embedded systems, VLSI design, robotics, and more. Through a robust curriculum, research opportunities, and industry collaborations, we empower our students to become skilled engineers and visionary leaders, driving advancements that connect the world.





Research and Patents



**Dr.G. Sekar,
Mrs.Poongodi G
Mrs.Varshini V**

14.04.2025

PUBLICATION:

- EARLY DETECTION AND PREVENTION OF VARICOSE VEINS.



Dr. D. Shamia

JAN 2025

- Enhancing Skin Cancer Classification with mix up Data augmentation and efficient net

JOURNAL TITLE:

- Journal of Electronics, Electro medical Engineering and Medical Informatics

Dr.A.S.Narmadha



24.04.2025

PUBLICATION:

- AI BASED 3D PRINTED CONCRETE RECYCLING DEVICE



J. Jesulin Rachel

NOV 2025

- A Wide range PLL using self Healing prescaler/VCO in a 65NM CMOS.



Cont.....



Dr.G.Sekar

23.06.2025

PATENT: PATENT PUBLISHED (NIRF)

1. Patent published by ECE faculties on the title "torque and efficiency monitoring of induction motor using wireless sensor networks" on 28.02.2025
2. Patent published by ECE faculties and students on the title, "smart iot-based safety footwear for human protection" on 14.03.2025..

Mrs.P.Latha

23.06.2025

BOOKS PUBLICATION:

Dr.A.S.Narmadha published a book titled "Explainable AI" Mercury Publications Consortium, ISBN 978-83-970519-4-4

Dr.T.Sivaprakam

23.06.2025

1. Dr.D.Shamia published a paper titled "collaborative healthcare data management framework using parallel computing and the internet of things" in journal of electronics, electromedical engineering, and medical informatics, vol. 7, no. 1, january 2025, pp:187-196 ; eissn:2656-8632
2. R.Kiruthika published a paper titled "exploring the frontiers: innovations in semiconductor technology and ai driven soc design" in ssm on 08.0.2025

Dr.D₂.Shamia

05.07.2024

PUBLICATION: YOLO BASED FACE DETECTION AND RECOGNITION IN DEEP LEARNING APPROACH





TEST OUTCOME

2024-2025 academic Year

Sl.No	Year	Total number of students	Number of students passed	Pass Percentage
1	I Year	126	97	76.98%
2	II Year	100	90	90%
3	III Year	61	59	96.72%
4	IV Year	55	55	100%
Total		342	301	88.01%



IV YEAR

III YEAR

II YEAR

Congratulations!



AWARDS AND ACHIEVEMENTS



Sl. No	Name of the Student	Year	Name of the Program	Organizing Institute	Prize
1	HARIPRIYA	III	SPEECH COMPETITION	ATAL FOUNDATION	1 ST PRIZE
2	KAVIYA V	IV	PAPER PRESENTATION	PPG INSTITUTE OF TECHNOLOGY	1 ST PRIZE
3	SAMUEL	IV	PROJECT PRESENTATION	P.A COLLEGE OF ENGINEERING	2 ND PRIZE
4	KAVIARASU	IV	PROJECT PRESENTATION	P.A COLLEGE OF ENGINEERING	2 ND PRIZE

2



Keep up the good work!



PLACEMENT STATISTICS



A BRIDGE BETWEEN THE PAST AND THE PRESENT

Alumni are proud graduates who carry forward the values, reputation, and spirit of their alma mater. They form a lasting bridge between the institution and the wider world—sharing expertise, fostering connections, mentoring students, and contributing to the growth and prestige of their former institution

Stay
Connected!

Motivational Talk— Fueling Passion&Purpose

The Motivational Talk delivered by our distinguished alumni was a deeply inspiring segment of the day. Through real-life anecdotes and personal struggles, the speakers highlighted the importance of self-belief, goal-setting, time management, and resilience. The audience, consisting mainly of final and pre-final year students, were encouraged to dream big, take calculated risks, and never give up despite setbacks.

Key messages from the talk included: “Failures are stepping stones, not full stops.” “Discipline is the key to long-term success.” “Your attitude determines your altitude.”



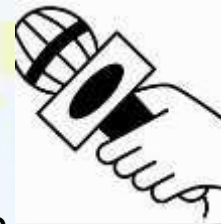
This session concluded with a standing ovation, as students felt uplifted and ready to face academic and career challenges with renewed energy.



STUDENT'S CORNER : Q & A

1. What inspired you to choose Electronics and Communication Engineering?

Gabriel. R. (1ST Year): "The field combines both hardware and software, offering diverse career opportunities."



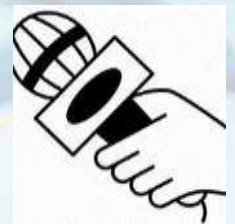
2. Which subject do you find most interesting?

Jeyashree.B.(1ST Year): "Microprocessors and Microcontrollers — because they are at the heart of modern electronics."



3. Can you share a memorable experience from the department?

Joel Ebenezer. J (1ST Year): "Participating in the National Level Technical Symposium was a turning point in my confidence and skills."



4. How has the department helped you in your growth?

Harini.M.P. (1ST Year): "By giving us hands-on training and opportunities to present our ideas in competitions."



5. What is your advice for juniors in the department?

Kamaleeswiri .R (1ST Year): "Focus on practical applications, not just theory, and build projects as early as possible."





DEPARTMENT GROWTH



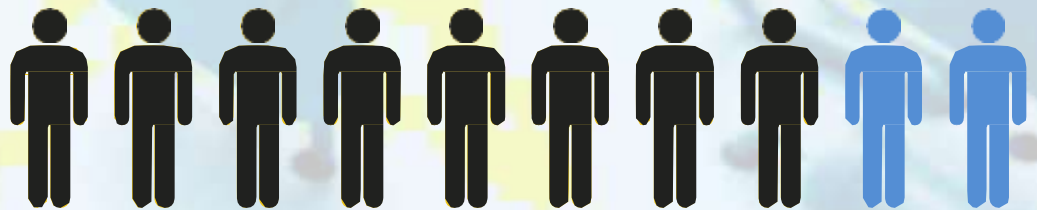
Jan '25

JUN '25

11

30

Faculty



150

300

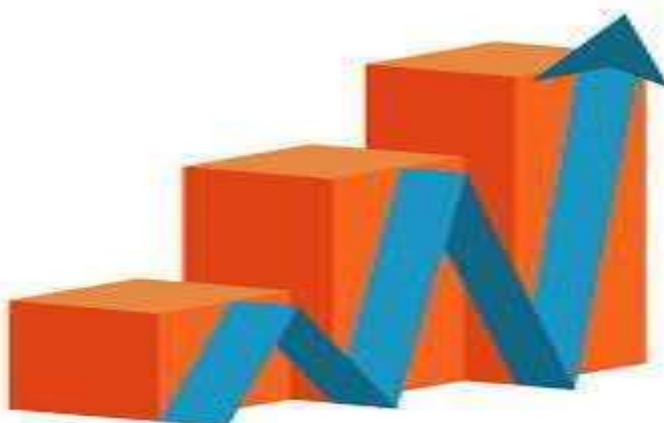
**B. E.
Students**



4

8

**M. Tech.
Students**



SPORTS AND ANNUAL DAY

ANNUAL DAY



SPORTS DAY

Our department students have demonstrated outstanding athletic spirit during the college Sports Day, participating in events such as track and field, volleyball, throwball, badminton, and relay races. With grit and determination, they earned medals and brought glory to the department. Sports Day was a reminder that strength, discipline, and teamwork are not just taught in classrooms, but lived on the field.

Our students lit up the stage with dynamic dance performances, soulful music, drama, anchoring, and backstage coordination, making the department proud. Their contributions brought life and energy to the grand celebration of culture, tradition, and unity. Saaral 2K25 was a platform where our students transformed their passions into unforgettable performances, leaving the audience inspired and entertained.





We are proud to share that **Mrs.P.Latha**, our Head of the Department of ECE, has been promoted to **Controller of Examinations**.

Thank you for your guidance and support during your time as HOD. We wish you all the best in your new role and future endeavors.



We are delighted to announce that **Dr.A.S.Narmadha** has been promoted to **Head of the Department, Electronics and Communication Engineering**.

Your dedication, leadership, and vision have been an inspiration to both faculty and students. We look forward to achieving new milestones under your guidance and continuing the journey of excellence together. **Wishing you great success in this new role!**



EDITORIAL CREDITS



MANIKANDAN.M
III YEAR



SUBAKEERTHANA.
K III YEAR



ADITHYA.
M III
YEAR



NISHANDHNE
E PALANIVEL
III YEAR





**THANK
YOU**