



ELECTRONICS AND COMMUNICATION ENGINEERING

Activity Report

(2024-25)

**GOVERNMENT ENGINEERING COLLEGE
SREEKRISHNAPURAM**

ELECTRONICS AND COMMUNICATION ENGINEERING

Vision

To mould the youth as excellent engineers in Electronics and Communication for the betterment of the society

Mission

- To impart theoretical foundations in Electronics and Communication engineering and instill practical expertise in the related domains and modern tool usage
- To inculcate professional and ethical responsibility for teamwork
- To enhance communication skills

1.1. Brief of the Department

The Department of Electronics and Communication Engineering was established in 1999. Later the programme has been affiliated to APJ Abdul Kalam Technological University since its inception from 2015 onwards. B.Tech programme is accredited by NBA. Currently the intake of the students in undergraduate program is 63 in the first year with additional 6 Lateral entry students from third semester. In 2024, Department has started an MTECH program in Internet of Things with an intake of 18 students. Research guidance is also offered by faculty of the department and currently there is one full time research scholar. Hard working students, faculty and technical supporting staff are the distinctive characteristics of the Department of Electronics and Communication Engineering. The Department has well-equipped laboratories to engage in practical and hands-on experience.

1.2. STUDENT PERFORMANCE AND ACHIEVEMENTS

1.2.1. Result Analysis

Sl No.	Semester (Batch)	No: of students appeared for exam	No: of students Passed	Pass Percentage (%)
				Total
B.Tech. Results (Even Semester 2023-24)				
1	S2 (2023 - 27)	68	63	92.65
2	S4 (2022 - 26)	72	40	56
3	S6 (2021 - 25)	73	58	79.45
4	S8 (2020 - 24)	71	62	87.32
B.Tech. Results (Odd Semester 2024-25)				
1	S1 (2024-28)	Not yet published		
2	S3 (2023 - 27)	75	61	81.33
3	S5 (2022 - 26)	71	37	53
4	S7 (2021 - 25)	73	65	89.04

1.2.2. Placements and Higher Studies

Year	Placements		Higher Studies	
	Placements	Percentage	Students Qualified GATE	Students opted for higher studies in various institutions
2023-24	25	33.33	8	7
2024-25	36	49.31	NA	NA

1.2.2.2. Details of Placement and Higher Studies

Placement Details: 2020-24 Batch

Sl No:	Company	No: of placement/Offers/Student Details
1	Infosys	5
2	Teachnook	14
3	Grantley Edutech	24
4	Academor	16
5	Technologies	1


Higher Studies:

Sl No:	Name of the institution	No. of Students/Student Details	Course Opted
1	NIT HAMIRPUR, Himachal Pradesh	3	MTECH
2	CET	1	MTECH
3	Govt. Engineering College Thrissur	1	MTECH
4	MA College of Engineering	1	MTECH
5	NIELIT Calicut	1	MTECH

1.2.3. Internship details (if any)

<u>Sl.No.</u>	Name of the Student	Register No.	Internship Name Details	Paid/ Not Paid	Individual/ Team
1	ATHUL KRISHNAN A P	PKD21EC023	Keltron Knowledge Centre, Thrissur	Paid	Team
2	NAVANEETH A U	PKD21EC051	Keltron Knowledge Centre, Thrissur	Paid	Team
3	VISHNU T A	PKD21EC067	Keltron Knowledge Centre, Thrissur	Paid	Team
4	VISHNU P	PKD21EC068	Keltron Knowledge Centre, Thrissur	Paid	Team

1.2.4. Major Student Achievements

Sl. No.	Details of Achievement
1.	<p>Naveen Menon, P Sruthi and Adwaith Pushpajan of B.Tech ECE (2020-24 batch) students achieved second position in the College Level Ideathon 2024 organized jointly by IETE Palakkad and BSNL Palakkad.</p>  <p>WON SECOND PRIZE IN COLLEGE LEVEL IDEATHON 2024 ORGANIZED JOINTLY BY IETE PALAKKAD & BSNL PALAKKAD</p> <p>Naveen S Menon, Adhwaith pushpajan & Sruthi P (SB ECE)</p>

2.	<p>Neethu N of B.Tech ECE (2020-24 batch) received Sports Excellence Award (cash prize worth Rs 3000/-) awarded by Alumni association and Department of Physical Education</p> 
3.	<p>Vishnu P U of B.Tech ECE (2022-26 batch) has received Sasneham Scholarship. SASNEHAM is a welfare association formed by the B.Tech ECE 2009-13 batch students of GEC Palakkad. Every year the Sasneham Alumni team provides scholarships to two students from 2019 onwards.</p> 
4.	<p>Sreerag Sankar and Neeraj T R, S4 ECE (2022-26 Batch) got 1st prize in Idea Hackathon conducted by our institution as a part of CORAL. He also has cleared the 2nd level of Idea Hackathon conducted at IIT Palakkad.</p>
5	<p>Goutham Vinayak S6 ECE, Sreerag Sankar, Gopika, Fathima Farsin and Ayisha K H s4 ECE (2022-26 Batch) secured Gold medal certification in the NPTEL online course. Also, total 57 students of ECE secured Elite + Silver certification in in the NPTEL online course during the last year.</p>

1.2.5. Student participation in inter-institute events (if any)

Participation in National/ International Conference/ Technical Competitions/ Arts/ Sports/
Any other achievements

Sl. No.	Name	Name of Program	Event	Achievement	Year
1	Niranjana M	National Level competition in Karate conducted by KTU.	Karate	KTU selection	2024
2	Aparna P Shenoy	South zone Interuniversity Volleyball tournament	Volleyball	KTU selection	2024
3	Abhimanue T B	Robosoccer conducted at CET Trivandrum	Robosoccer	First Prize	2024

1.3. DEPARTMENT ACTIVITIES

1.3.1. Programmes Organised by the Department

SL No.	Name of Faculty coordinator	NAME OF PROGRAMME	RESOURCE PERSON	BATCH	DATE
1	Dr.Bindu P Palakkal	Expert talk on 'The GATE Way'	SOOSHNI VETHY SS, Scientist DRDO kochi	S1ECE	16/12/2024
2	Dr.Bindu P Palakkal	Expert talk on 'Public sector in Electronics industry and its importance'	Syam Mangalasseri, Engineer Keltron	S1ECE	9/9/24
3	Dr.Bindu P Palakkal	Expert talk on 'Setting a career path in electronics industry '	Maria xary VLSI engineer, life signals India pvt Bangalore	S1ECE	9/9/24
4	Prof. Hariprasad B	Expert talk session "From Circuit to Careers: Exploring Opportunities in Electronics and Embedded Systems"	Mr. Noby Sebastian, Industrial Automation Professional	S5 ECE	25/10/2024
5	Prof. Hariprasad B	Expert Talk session "Campus to Corporate"	Mr. Mukundan Annamalai, Entrepreneur	S7 ECE	25/10/2024

1.3.2. Field Visits/ Industrial Training

- S3 ECE (2023-2027 Batch) visited SGBI (Sasthra Global Business Innovation) Pvt. Ltd. Kochi on 5th October 2024 as a part of Industrial visit.



Field Visit to SGBI Pvt Ltd. Kochi

- S5 ECE (2022-26 Batch) visited GOA Shipyard Ltd. 4th October 2024 as a part of Industrial visit.



1.4. STUDENT ACTIVITIES

1.4.1. ECE Association Activities.

Sl. No.	Details of the programme
1.	Expert talk session “ From Circuit to Careers: Exploring Opportunities in Electronics and Embedded Systems” handled by Mr. Noby Sebastian, Industrial Automation Professional on 25 th October 2024
2	Expert Talk session “Campus to Corporate” handled by Mr. Mukundan Annamalai, Entrepreneur on 25 th September 2024.

1.4.2. TECKNOW Club Activities in the Department

Sl. No.	Details of the programme
2.	Conducted 2 days’ workshop” Firware” Frenzy on March 8 to 9, 2025
3	Conducted one day workshop “Open Mic” on January 31 st 2025

4	Conducted basic IoT workshop on 28 th February 2025 in association with ISTE ECE Forum
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1.4.3. ISTE Activities in the Department

Sl. No.	Details of the programme
5.	Conducted basic IoT workshop on 28 th February 2025 in association with Tecknow club.
6	Conducted technical quiz competition “Ohm Reader” from 18/2/2025 to 19/2/2025 for ECE students
7	Conducted talk session on “The possibility of a comeback of analog computing” on 20 th September 2024 by Mr. Vivek S (S5 ECE), Sub Co-ordinator, TECKNOW Club.

1.4.4. Funded projects in the Department (if any)

- The CERD Fund has been sanctioned for doing the S8 Student project titled ‘**Communication Aid for Deaf and Mute**’ by AMAL T K (PKD21EC010), MUHAMMED NAJAH K T (PKD21EC048), NANDANA V (PKD21EC049), and NIYAS SALIM (LPKD21EC075) under the guidance of Prof. Lincy K, Assistant Professor ECE Department.