

2022

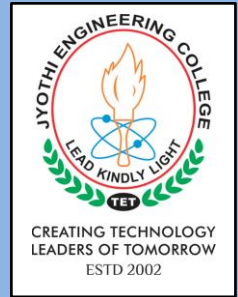
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ECE NEWS

Department of Electronics & Communication Engineering
Jyothi Engineering College, Cheruthuruthy, Thrissur - 679531



Vision

Create eminent and ethical leaders in the field of Electronics and Communication through quality professional education to excel in academia and industry.

Mission

- Provide theoretical and practical knowledge through quality education and life skills training to make competent graduates with social commitment.
- To impart entrepreneurial orientation and research motivation among the students through knowledge transfer with industrial, academic & research institutions.

DEPARTMENT ACTIVITIES & ACHIEVEMENTS

- More than 50 students from **ECE** department attended a **webinar** on the topic “**High-speed High-Power HEMT devices**” on **25th May 2022** at **2.30PM to 4.00PM** the program was coordinated by **NDLI club** in association with **ISTE student chapter**
- Organized a **placement training** program by **MPOWER** for the second year students of B-Tech ECE on during **23rd June 22 to 25th June 2022**.



STAFF ACTIVITIES & ACHIEVEMENTS

- **Dr. Prajoon P** attended a Workshop on “**IPR: Patent, Copyright and Trademark**” on **24.01.2022** organized by **Mangalam College of Engineering**.
- **Ponmani Raja M** of Jyothi Engineering College, Thrissur attended the Workshop on “**IPR: Patent, Copyright and Trademark**” on **24.01.2022** organized by Mangalam College of Engineering in association with **IIC and IEDC**.
- **Dr. Prajoon P** Completed Six Modules in the stage-1 **NITTTR** teachers training programme course.
- **Ms. Bindhu K Rajan**, Assistant Professor, Dept. of ECE successfully participated in a Five day FDP on “**Applications of Deep Learning Techniques to 5G Wireless Communication Technologies**” organized by the Department of Electronics and Communication Engineering of Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, Avadi, Chennai from **08.02.2022** to **12.02.2022**.
- **Ms. Drisya M K**, Assistant Professor, Dept. of ECE successfully participated in a Five day FDP on “**Applications of Deep Learning Techniques to 5G Wireless Communication Technologies**” organized by the Department of Electronics and Communication Engineering of Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, Avadi, Chennai from **08.02.2022** to **12.02.2022**.
- **Ms. Ambily Francis**, Assistant Professor, Dept. of ECE successfully participated in a Five day FDP on “**Applications of Deep Learning Techniques to 5G Wireless Communication Technologies**” organized by the Department of Electronics and Communication Engineering of Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, Avadi, Chennai from **08.02.2022** to **12.02.2022**.
- **Ms. Shiny M I**, Assistant Professor, Dept. of ECE successfully participated in a Five day FDP on “**Applications of Deep Learning Techniques to 5G Wireless Communication Technologies**” organized by the Department of Electronics and Communication Engineering of Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, Avadi, Chennai from **08.02.2022** to **12.02.2022**.
- **Dr. Gaswin Kastro G** successfully participated in a five days FDP on “**EV Technology and Public Charging Station**” organized by NIELIT, Calicut, from **21.02.2022** to **25.02.2022**.
- **Dr. Gaswin Kastro G** successfully completed a 10 days FDP on “**Machine Learning Applications in Electronics and Communication Engineering**” sponsored by the Ministry of Electronics and Information Technology organized by **NIT Warangal** and Nalla Malla Reddy Engineering College, Hyderabad during **7th to 16th March 2022**

- **Ms. Neethu Rose Thomas** attended faculty development program on “**Artificial intelligence and machine learning – 4. A mechanical Engineering Perspective**” organized by Department of Mechanical Engineering, **SCMS School of engineering & Technology** during **16th to 21st May 2022**.

STUDENTS ACTIVITIES AND ACHIEVEMENTS

- **S8 ECE** students have undergone an **INDUSTRIAL VISIT** for 7 days from **26th March 2022 to 1st April 2022** to **MANGALORE-UDUPI-GOA**. They were accompanied by **Mr.Ponmani Raja** and **Ms.Roshni Rajan K** along with two parents.



- **S6 ECE** students undergone for the three days **INDUSTRIAL VISIT** from **26.05.22 to 28.06.22**. They visited **Idukki Dam and Ramakkalmedu** during the visit. **Mr.Ponmani Raja** and **Ms.Ambily Francis** accompanied with the students.



- **Mr. Akhil K J, Mr. Anlish Shaju, Mr. Jibin N V, Mr. Shinto T S and Mr. Alex davy** has participated in **workshop on 'mobile app development'** conducted at **jyothi Engineering College** as part of **Tharang 22'** on **29th April 2022**.

- Ms. **SANA SAID S7 ECE (2019-23)** secured top position in the **fifth -semester** results published by APJ Abdul Kalam Technological University scoring an **SGPA of 9.57**.



Placements

- **Ms. Reshmi B** has been selected **By Think & Learn pvt Ltd. BYJU'S** through Campus Placement.
- **Mr. Akhil K J, Mr. Amal S, Mr. Arun K Narayanan, Mr. Rakesh S Nair, Ms. Salma Maria, Mr. Yadu Aravind** has been selected by **Cognizant** on Campus placement.
- **Mr. Arun K Narayanan** has been selected by **Hexaware** through campus placement.
- **Mr. P Gautham, Mr. Amal S and Ms. Reshmi B** has been selected by **Speridian** through campus placement 2022.
- **Salma Mariya Michael, Mr. Arun K Narayan, Mr. Sadashiv K and Mr. Sidharth M** has been selected by **Capgemini** on campus placement.
- **Mr. P Gautham** has been selected by **Wipro** through off campus placement 2022.
- **Mr. Sharik Basheer** has been selected by **Infosys** through off campus placement 2022.
- **Mr. Jibin N V, Mr. Salini T M and Mr. Nibin Thomas** have been selected by **Sutherland** on campus placement.

Programme Educational Objectives (PEOs)

Graduates shall have fundamental and advanced knowledge in electronics and communication engineering along with knowledge in mathematics, science and computing and get employed in national or international organizations or government agencies.

- I. Graduates shall have ability in analyzing, designing and creating innovative solutions which lead to a lifelong learning process or higher qualification, making them experts in their profession thus helping to solve electronics & communication engineering and social problems.
- II. Graduates shall have good organizing capability, presentation skills, communicating ability, leadership, team work and ethical practices.

Programme Outcomes (Pos)

The Program Outcomes of Under-Graduate programs in Electronics & Communication Engineering are :

Students will have:

- a. Ability to apply knowledge of mathematics, science and engineering in the field of Electronics & Communication engineering.
- b. Ability to design and conduct experiments, analyze and interpret data and results in Electronics & Communication engineering.
- c. Ability to design Electronics & Communication systems, components, or processes to meet the desired needs within realistic constraints such as health and safety, manufacturability and sustainability with economic, environmental, social, political and ethical considerations.
- d. Ability to work individually as well as in multidisciplinary teams as a member or as a leader to accomplish the common goal.
- e. Ability to identify, analyze, formulate, and solve engineering problems.
- f. Knowledge of professional and ethical responsibility.
- g. Ability to communicate effectively in both verbal and written form in any area of their field to the industry, and society.
- h. Broad knowledge necessary to understand the impact of engineering solutions on individuals, organizations and society.
- i. Ability to engage in life-long learning to update their knowledge to keep pace with changes caused by the dynamic nature of the engineering field.
- j. Awareness of contemporary issues that help to integrate advanced and sustainable solutions in the user environment.
- k. Ability to use techniques, skills, and modern engineering tools, software and equipment necessary for designing, developing electronic systems.