

DEC
2018

Dept. News Letter

DEPARTMENT OF ELECTRICAL & ELECTRONICS
ENGINEERING
JYOTHI ENGINEERING COLLEGE,
CHERUTHURUTHY



Vision

To become a centre of excellence in electrical and electronics engineering through high quality technical education with emphasis on holistic excellence

Mission

To inculcate ethical professionalism through value based quality education as to equip the students with appropriate skills for a meaningful career and holistic excellence and promote creative engineering ideas for the benefit of the society

Programme Educational Objectives

- Graduates shall have a good foundation in the fundamental and practical aspects of Mathematics and Engineering Sciences so as to build successful and enriching careers in the field of Electrical Engineering and allied areas.
- Graduates shall learn and adapt themselves to the latest technological developments in the field of Electrical & Electronics Engineering which will in turn motivate them to excel in their domains and shall pursue higher education and research
- Graduates shall have professional ethics and good communication ability along with entrepreneurial skills and leadership skills, so that they can succeed in multidisciplinary and diverse fields.

Programme Outcomes

- Engineering knowledge: Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.
- Problem analysis: Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.
- Design/development of solutions: Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.
- Conduct investigations of complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
- Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.
- The engineer and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.
- Environment and sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
- Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
- Individual and team work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
- Communication: Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
- Project management and finance: Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.
- Life-long learning: Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

Program specific outcomes

Graduates possess

- 1) Ability to have good foundation in theoretical and practical aspects of Electrical & Electronics Engineering.
- 2) Ability to model, analyze, design and realize physical systems, components or processes thereby adapt themselves to the latest research and developments in the field of Electrical & Electronics Engineering.
- 3) Ability to communicate and work professionally as well as take up entrepreneurial endeavors in the field of Electrical Engineering and allied areas for the benefit of the society.



Jyothi Engineering College

Approved by AICTE & Affiliated to APJ Abdul Kalam Technological University
A CENTRE OF EXCELLENCE IN SCIENCE & TECHNOLOGY BY THE CATHOLIC ARCHDIOCESE OF TRICHUR

FACULTY ACHIEVEMENTS



Mr. Jithin K Jose Asst. Prof EEE got selection for attending the IEEE –IAS Annual meeting to be held at Portland, US in September 2018 with a travel grant of \$800.



Dr. Jarin T, Assoc. Professor, Dept. of EEE, Mr. Akhil A. Balakrishnan, Asst. Prof. EEE, Dr. S. R Boselin Prabhu, Mrs. Fathima Irfana T K, Mr. Brolin Tency and Ms. Preethi P.J received patent for tremor stabilisation spoon for parkinson syndrome affected patients, which can function as per the requirement based on monitoring of conditions.

STUDENTS ACHIEVEMENTS



Mr. Paul Mohan , Mr. Kiran Elias and Mr.Delvin Davis of S7 EEE (2015 Admission) won third prize for the project Smart Bus System.in National level Smart Odisha Hackathon 2018 held at College of Engineering and Technology, Bhubaneswar during November 13th - 15th 2018.

Mr.Joseph P.K, Mr.Giyo George K, Mr.Jizon S Arakkal and Mr.Edwin Joseph of S5 EEE (2016 Admission) received an amount of 1.5 lakhs from Kerala Start up Mission for the project work 'Automatic Recycle Machine'.





Mr.Akhil James K and Mr.Edwin Joseph C of S5 EEE (2016 Admission) has secured first place in Men 4x100 m relay in the APJ Abdul Kalam Technological University Athletics Chamionship held at University Stadium ,Thiruvananthapuram from 2nd to 4th November 2018 .



Ms.Anagha of S7 EEE has been selected by Tata Consultancy Services (TCS) to the post of Assistant System Engineer in the pooled campus recruitment drive conducted by the company.



Mr.Deepakraj T Chandrahasan of S7 EEE has been selected by WIPRO to the post of Project Engineer in the pooledcampus recruitment drive conducted by the company.

As per the data of the results of S8 Calicut University (2014 Admission Batch) released through the Net by the University, following are the toppers .



Ms. Anjali Ashok -8.75



Ms. Veena P -8.69



Ms. Sumayya Thasneem -8.63

As per the data of the results of S6 KTU (2015 Admission Batch) released through the Net by the University, following are the toppers .



Ms. Mariya Rose -8.57



Ms. Anagha -8.26



Mr. Vishnu B -7.5

As per the data of the results of S4 KTU (2016 Admission Batch) released through the Net by the University, following are the toppers .



Albin Joy - 9.8



John Jose -8.7



Snija Joy -8.7

As per the data of the results of S4 KTU (2017 Admission Batch) released through the Net by the University, following are the toppers .



Ms. Sneha J P -9.8



Mr. K U Mansoor -9.52



Ms. Amritha Ashok -9.48

As per the data of the results of S2 KTU M-Tech (2017 Admission Batch) released through the Net by the University, following are the toppers .



Ms. Stephy Akkara -7.68



Ms. Haritha A S -9.8



Ms. Joshna Anna Johnson -9.8

As per the data of the results of S4 KTU M-Tech (2016 Admission Batch) released through the Net by the University, following are the toppers.



Ms. Sherin k P-8.94



Ms. Aiswaraya Raj- 8.9



Mr. David Mathew-8.28