

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING JYOTHI ENGINEERING COLLEGE, CHERUTHURUTHY, THRISSUR DEPARTMENT NEWS LETTER Volume - 02, December 2015

VISION OF THE DEPARTMENT

To become a Centre of Excellence in Electrical and Electronics Engineering through high quality technical education with emphasis on Holistic Excellence

MISSION OF THE DEPARTMENT

To inculcate Ethical Professionalism through Value Based Quality Education so 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.

PROGRAM OUTCOMES

The Program Outcomes of under Graduate program in Electrical & Electronics Engineering are:

- Ability to apply knowledge of mathematics, science and engineering in the field of electrical and electronics engineering.
- Ability to design and conduct experiments, analyse and interpret data and results in electrical and electronics engineering.
- Ability to design electrical and electronics 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.
- Ability to work individually as well as in multidisciplinary teams as a member or as a leader to accomplish the common goal.
- Ability to identify, analyse, formulate, and solve engineering problems
- Knowledge of professional and ethical responsibility.
- Ability to communicate effectively in any area of their field to the industry, fellow beings and society.
- Broad knowledge necessary to understand the impact of engineering solutions on individuals, organizations and society.
- Ability to engage in life-long learning to update their knowledge to keep pace with changes caused by dynamic nature of engineering field.
- Awareness of the contemporary issues that help to integrate advanced and sustainable solutions in the user environment.
- Ability to use the techniques, skills, and modern engineering tools, software and equipment to analyse and model complex engineering solutions

Faculty Achievements



Mr. Ratnan P, HOD, EEE presented a topic on "Electrical Wireman" at ASAP Secretariat, Trivandrum on 27/10/2015.

PROGRAMME EDUCATIONAL OBJECTIVES

PEO 1: 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.

PEO 2: 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

PEO 3: 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.

Students Achievements

4 Students from EEE department got placed in Infosys on an on-campus recruitment drive



1. Ms. Nimisha Muraleedharan
S7 EEE (2012 Admission)



2. Ms. Sreelakshmi P
S7 EEE (2012 Admission)



3. Maria K Kuriakose
S3 M.Tech, Power Electronics
(2014 Admission)



4. EmilinKangapadan
S3 M.Tech, Power Electronics
(2014 Admission)

OFF CAMPUS PLACEMENT



Ms. Gayathri P
S7 EEE (2012 Adm) got placed in IBS
on an off campus placement drive held at Sahrdya Engineering college



Ms. Rosmi James & Ms. Nimisha Muraleedharan
of S7 EEE secured second prize in a project presentation competition
on "Sustainable Education Experience & Experiments"



Industrial Visit

55 Students of S7 EEE (2012 Adm) accompanied by two faculty member (Ms. Aswathy Rajan & Mr. Akhil A Balakrishnan) and 2 parents went for a 7 days study tour to Hyderabad as a part of curriculum during 17/09/2015 to 23/09/2015
Industries Visited : Microtooling System, Hyderabad, Dye manufacturing unit, Injection molding unit.



57 Students of S3 EEE (2014 Adm) accompanied by 2 faculty members (Mr. Ratnan P & Ms. Aathira K V) and 2 parents went for a study tour to Munnar & Ernakulam as a part of curriculum during 21/09/2015 to 23/09/2015
Industries Visited : Kerala Electrical Limited , Mamala, Ernakulam & KSEB Power Plant at Neriyamangalam.



Major Department Activities



AEEE Inauguration was conducted on 07/09/2015. Dr. Rajan P, Deputy Chief Engineer, KSEB was the chief guest. Dr. Rajan P delivered a talk on 'Energy Management'



Department of EEE Conducted a One day workshop on "Circuit Designing and Fabrication" for S3 EEE students in association with ISTE Chapter on 09/10/2015.



Department of EEE conducted a one day Workshop on "APPLICATION OF MATLAB TO POWER ELECTRONICS & CONTROL SYSTEMS" for Fifth Semester Students in association with IEEE SB Chapter on 17/10/2015.
Resource Persons : Ms. Reshma Raj C, AP, EEE & Ms. Della David, AP, EEE



Department of EEE conducted a 3 day workshop on "ANSYS MAXWELL" for M Tech students by Entuple Technology, Bangalore on 11/11/2015 to 13/11/2015. Dr. K K Babu, Principal, JECC inaugurated the workshop. Ms. Anjana, Resource Person from Entuple Technology delivered a talk on "Recent Advances in Power Electronics" to the faculty members of EEE Department.

Result Analysis

As per the data of the results of S8 University Examinations (2011 Admission Batch) released through the Internet by the University, Department of EEE in Jyothi Engineering scoring an overall percentage of 100%.

Class Toppers (S8 Result, 2011 Admission)



1. Ms. Rosmy Varghese (SGPA - 9.32)



2. Ms. Smiya Johnson Puthuri (SGPA - 8.66)



3. Ms. Harsha Gopinath (SGPA - 8.25)

As per the data of the results of S3 PG University Examinations (2014 Admission Batch) released through the Internet by the University, Department of EEE in Jyothi Engineering scoring an overall percentage of 83.33%.

Class Toppers (S3 PG Result, 2014 Admission)



1. Ms. Emilin Thomas Kangappadan (SGPA - 9.00)



2. Ms. Sangeetha K (SGPA - 8.50)



3. Ms. Divya Venugopalan (SGPA - 8.08)

As per the data of the results of S5 University Examinations (2012 Admission Batch) released through the Internet by the University, Department of EEE in Jyothi Engineering scoring an overall percentage of 51.78%.

FDP/ STTP Attended



Della David
AP, EEE



Saritha P,
AP, EEE



Renjini G,
AP, EEE



Sreethumol M V,
AP, EEE



Nithya
AP, EEE



Mr. Akhil A Balakrishnan , AP, EEE attended a workshop on "DESIGN'15" of DAT of additional Skill Acquisition Programme (ASAP) on 23rd November 2015 at Trans Tower, Vazhuthacaudam, Trivandrum.



Ms. Reshma Raj C (AP, EEE) , Ms. Soumya C (AP, EEE), Ms. Aathira K V (AP, EEE) & Ms. Roshima T V (AP, EEE) attended a one day training programme on "Water Quality" on 02/12/2015 at JECC, organized by Department of Civil Engineering

FDP/ STTP Attended



Reshma Raj C, AP, EEE attended a 4 days FDP on "Modeling and Control of Power Electronic Circuits" at Govt. Engineering college Thrissur during 14/07/2015 to 17/07/2015.

Ms. Aathira K V, AP, EEE has participated in the 5 days Faculty Development Programme on "development of Smart Power Grid" organized by Dept. of EEE, Govt. Engg College Thrissur from 27th July to 31st July 2015.



Mr. Akhil A Balakrishnan, AP, EEE participated in the Engineering Education & Research Seminar at Cochin on 28/10/2015 conducted by National Instruments, India.

Anu Sunny, AP, EEE

6 Faculty members from EEE Department has participated for the Faculty Development Programme in IT Tools for Academic and Research conducted by ICT Academy of Kerala from 19th November to 20th November at Jyothi Engineering College, TCR.



Class Toppers (S5 Result, 2012 Admission)



2. Ms. Smiya Johnson Puthuri (SGPA - 8.66)



1. Ms. Aruna K (SGPA - 8.98)



3. Ms. Harsha Gopinath (SGPA - 8.25)

Class Toppers (S3 Result, 2013 Admission)



2. Ms. Anu Thomas (SGPA - 8.18)



1. Ms. Arathi P Nath (SGPA - 9.38)



3. Ms. Smruthi Krishna K (SGPA - 8.04)