

Dept. News Letter

DEC 2013

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING JYOTHI ENGINEERING COLLEGE, CHERUTHURUTHY, THRISSUR

Vision of EEE Department

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

Mission of EEE 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

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.

PROGRAMME OUTCOMES

-Ability to apply knowledge of mathematics, science and engineering in the field of electrical and electronics engineering.

-Ability to design and conduct experiments, analyze 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, analyze, formulate, and solve engineering problems
Knowledge of professional and ethical responsibility.

-Ability to communicate effectively in any area of the 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 analyze and model complex engineering solutions.

Department Achievements

INAUGURATION OF AEEE ASSOCIATION ACTIVITIES FOR THE ACADEMIC YEAR 2013-14



>>> Inaugural ceremony of AEEE association activities for the year 2013-14 was held on 01/08/2013. Dr. M. Nandakumar, Professor, EEE Dept., JEC Thriassur was the Chief Guest

>>> Talk on "Fundamental Aspects of Power Electronics" by the Chief Guest for the benefit of PG and UG students was held on the same day.

On the occasion of the AEEE activities inauguration, Ms. Savithry T S, Ms. Hasna V K, Mr. Jishnu R, Ms. Anagha Philip, Ms. Amrutha Paul, Ms. Sm. Johnson Puthiri and Ms. Rosmy Varghese were felicitated for their accomplishments during the academic year 2012-13.



Students Achievements



Mr. Jishnu R and Ms. Anagha Philip (Antony) of S7 EEE (2010 Adm.) won 2nd prize worth \$200 in the IEEE Region 10 Student Ethics Competition held at College of Engineering Chengannur, Kerala on 2nd August 2013.



Mr. Vishnu Kallioth and Ms. Anju U. D of S7 EEE (2010 Admission) got placed in Infosys Technologies as a part of the Placement drive conducted in the college.

Mr. Manu P.A and Mr. Paul Thomas of S7 EEE (2010 Adm.) participated in 3's Football during Booth 13, The National Level Technical and Cultural Fest held at Viswajyothi College of Engineering and Technology, Vazhukulam on 30th September 2013.

Mr. Jithin Jain S5 FFF achieved 'The Best Cinematographer' Award for the Short Film, 'The Prochain in the Thira Short Film Fest' conducted by Palakkad District on 30.10.2013.

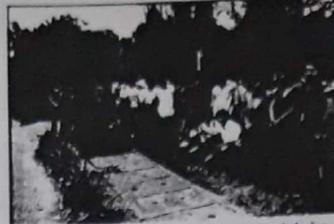


Chalthanya G Paniker (S8 EEE) was placed in CTS as a part of the placement drive conducted at Rajagiri Institute of Science and Technology on 23.02.2014.



Ms. Sreeji Balakrishnan (PGS3 Power Electronics) secured 'The Best Paper Award' for the Technical paper, 'Limitations of High Step-Up DC/DC Converter' at the National Conference on Renewable Energy- NCRE 2013 conducted by the Department of Electrical and Electronics Engineering in association with IEI, Kochi Local Centre and ISTE Chapter at Sree Narayana Gurukulam College of Engineering, adayiruppu during 29-30 November 2013.

Social Service And Community Development Program



S8 EEE (2010 Adm.) students visited Asha Deepam Special School, Shornur and also carried out Cleaning of Vallathol Railway Station, Cheruthuruthy premises as part of AEE Community Development and Social Service Program 2013-14.

Industrial Visit



Nine students of S7 EEE (2010 Adm.) along with Mr. Vineeth V V and Miss. Sreethumol visited the Housing Colony "Shobha City", Thrissur on 20th September 2013 to study the advanced Electrical Installations.

EEE DEPT. - New Faces



Mrs. Kavitha Bhaskar, Mr. Anees V P, Ms. Ashni Elisa George and Mr. Akhil A Balakrishnan have joined the Dept as Asst. Professors.

> Mrs. Aleena Maria Vincent, Mrs. Liza Baby, Mrs. Jitha Joseph (Asst. Professors) and Mr. Geo Jose, Instructor were relieved from the Dept. during the year 2013.



>> Prof. P.V Abdul Hameed, HOD, EEE Dept. was relieved from his duties on 05/04/13.
>> Dr. Praveen R P, Assoc. Professor, EEE Dept. has taken charge as the HOD of EEE Dept. on 5/4/13

> Ms. Saritha, Lecturer, EEE Dept. rejoined the Dept. after completion of M. Tech course.



Faculty Achievements

Prof. P. V. HOD, EEE Dept. has attended a three day FDP on (TEQIP Sponsored) "Grid Integration of Distributed Generation" at College of Engineering Perumon.

Ms. Anu Sunny presented a paper titled "Non-linear Theta-D Control Law for the Lateral Dynamics of Power System" in the International Conference on Technological Trends 2013, conducted by College of Engg., Trivandrum during 30th and 31st August 2013.

Prof. P. V. HOD EEE delivered an expert lecture on PCB Design for EMI/EMC Compliance for the three day seminar on PCB Design and Fabrication held on 30th August 2013.



>> Mr. Vineeth V V AP, EEE handled a workshop session on "PCB Design using Orcad" for the faculty development programme conducted by the IEEE Chapter of our College on PCB Design and Fabrication on 30th August 2013.

>> Mr. Prasad C and Mr. Vineeth V. V, AP, EE, attended AICTE sponsored Faculty development programme on "Communication Skills through Language Lab", conducted by NSS, Palakkad, EEE Dept. from 12th September to 12th October 2013.

Dr. Praveen R. P, HOD, EEE handled a session on the topic, "Research Methodology- An Overview" A Seminar conducted by the IEEE Chapter of our College on 19th November 2013.

Mrs. Kavitha Bhaskar, AP, EEE took a Staff Seminar on the topic, "Implementation of Photovoltaic Array in a Boost Converter" on 29th November 2013.

Mrs. Kavitha Bhaskar and Mr. Akhil A Balakrishnan, AP, EEE participated in the five day Early Career Faculty Development Programme (ECFDP) jointly organized by IEEE Gold Kerala Section and Vidya Academy of Science and Technology with support from the Executive Board (EAB) from 4th to 8th November 2013 at Vidya Academy of Science and Technology, Thrissur.

Mr. Anees V. P, AP, EEE participated in the Short Term Training Programme on SMART POWER ELECTRONIC CONTROLLED LOGIC DEVICES for the Faculty of Engineering Colleges sponsored by TEQIP- Phase II and organized by the National Institute of Technology, Pampady, Kottayam from 19th to 23rd November 2013.



Mrs. Anu Sunny and Ms. Sreethumol M. V, AP, EEE attended the Faculty Development Programme on "Electrical Estimation and Energy Management", sponsored by TEQIP PHASE II and organized by the Department of Electrical and Electronics Engineering, Government Engineering College, Thrissur from 19th to 23rd November 2013.