

## EEE DEPARTMENT ACTIVITY

EEE department laid a stepping stone towards the development of embedded systems by providing awareness & thereby a hands on workshop on AURDINO for S5 EEE students on 26/08/2017 . Mr. Sterlin P .S (student S7/ EEE) was the resource person.





•

## **RACE- INTRODUCTUION TO INDUSTRIAL WIRING**

### **Resource team: SIGMOS INDIA**

The department of EEE RCET, Akkikavu had organized add on courses for final year students. As a part of this SIGMOS INDIA at Kakkanad in Cochin, horizon of MEP consultancy and training services conducted the technical talk, based on MEP for final year students of EEE at RCET. Now a days, everything turned to automatic. The main crisis of EEE aluminates is that they have no idea about how to make job, which type of area to be opted for job etc. So, MEP is the course which is mainly suitable for electrical engineers with added advantage of opportunity to attain STEDcertificate & placements. The precise coordination of utility distributionthrough the premises of our living and working spaces is an art, which is called MEO engineering. It include HVAC system, electrical system, plumbing and piping system, firefighting system, communication system etc. These are the main highlighted points discussed by Mr.Sachin Babu in the first section. Second section was more about practical knowledge. They familiarized various designs and single line diagram of flat, industries, house etc. They gave information about designing of electrical network work system and using software such as electrical CAD etc.



## **EEE DEPARTMENT ACTIVITY**

- With a vision to make the students able to prepare good quality project reports and conference papers a hands on workshop named “Introduction to Latex” was conducted for S7 EEE students on 05/08/17 by Ms. Neethu K S,  
(AP/EEE)

## **EEE DEPARTMENT ACTIVITY**

### **WORKSHOP ON MATLAB**

As a part of design project , EEE department conducted one day MAT LAB workshop on 7/10/17, under the guidance of Mr.Sanjith Mohan, Asst.prof. of EEE department. Almost half of of the students of s5 EEE attended the class. The workshop was really new experience for all students who attended the workshop. The class had two sections. In the first section teacher explained about the procedure and benefit of the lab. MATLAB is an electrical software which is used to analyze various electrical circuits. It helps to eliminate the chances of faults and project failure which may occur if we make its hardware directly. The electrical elements required to construct a circuit available in matlab simulink library. From this workshop students got a basic idea about MATLAB software, its advantages and how it functions. The workshop was a great success and beneficial.

## **EEE DEPARTMENT ACTIVITY**

### **WORKSHOP ON CAD**

As a part of design project, EEE department conducted a one day CAD Lab workshop on 07/10/17 under the guidance of Mr. Praveen, Assistant professor, EEE department. Almost half of the students of S5 EEE attended the class. This workshop was really a new experience to all students. The class had 2 sections. In The first section the teacher explained about the software and in the next section, students were given a chance to practice the lab individually. Computer Aided Design (CAD) is defined as the use of information technology in the design process. A CAD s/m consists of IT hardware, specialized software and peripherals; which in certain applications are quite specialized. The core of a CAD s/m is the s/w which makes use of graphics for product representation, databases for storing the product model and drives the peripherals for product representation. It's use doesn't change the nature of the design process but as the name states it aids the product designer. The designer is the main actor in the process, in all phases from problem identification to the implementation phase. From this workshop students got a basic idea about CAD software and it's advantages and also how it functions. The program was a great success.

## **WORKSHOP ON EARTHING PRACTICE**

**Resource persons: Mr. Sinto K J (AP EEE)**

- An earthing practice session was arranged for IInd year & IIIrd year students on 26/08/17. Mr. Sinto K.J, EEE Lab instructor gave a practical session for the students so as to understand the significance and procedures to do earthing.

