

Activity Report

Name of Activity: Four Day workshop

Title/ Topic: “PCB Design and Fabrication Process”

Resource Person

PGP Electronics Pvt. Ltd, Kushaiguda, Secundrabad

Date: 27-06-2018 to 30-06-2018

Key Point Highlights

1. 27-06-2018 & 29-06-2018 - Session-I:

Experts from PGP explained the importance of PCB and the steps in designing the PCB. They also mentioned the materials required for drawing the layout and for the process of Etching. Students have got hands-on experience in designing the PCB. PGP experts trained students to design their own PCB.

2. 28-06-2018 & 30-06-2018 - Session-II:

Experts from PGP trained the students to design their circuits in software using EAGLE. They also explained that EAGLE is a scriptable electronic design automation (EDA) application with schematic capture, printed circuit board (PCB) layout, auto-router and computer-aided manufacturing (CAM) features.

Summary

The Department of Electronics and Communication Engineering organized a 4-day workshop on “PCB Design and Fabrication”, from 27/06/2018 to 30/06/2018, for III Year students. Students are trained by PGP Electronics Pvt Ltd., under IETE student chapter. 240 students attended the workshop. PGP Electronics are the manufacturer and exporter of electronic test & measuring instruments, Embedded System Products. PGP Electronics undertake Design and Development work for custom-built electronic equipment, and are specialized in design of Micro Controller

based systems, OEM, Contract Manufacturing Service. PGP Electronics academic wing caters to the need of educational institutions, bridges the gap between Industry and Institution. Experts from PGP explained the importance of PCB and the steps in designing the PCB. They also mentioned the materials required for drawing the layout and for the process of Etching. Students have got hands-on experience in designing the PCB. PGP experts trained students to design their own PCB.

Photographs















Report Prepared by

Mrs. B.Hemalatha

Asst Professor, ECE Department

Anurg Group of Institutions, Hyderabad

hemalathaece@cvsr.ac.in

+919032080300