



A.Y:2019-20

Event Name : Three Day Workshop
Title of Event : “PCB DESIGN”
Date of Event Organized : 16-09-2019 to 18-09-2019
Venue : Systems Lab
Resource Persons : **Mr. B.Mahidhar & Ms SK. Rubeena**
Trainer cum Developers,
APSSDC , Vijayawada

Participants :56(2nd Year Students)

Convenor : **Dr.B.Poornaiah, Head of the Department (EIE)**
Co-ordinators : **Dr.P.Ashok Reddy, Assoc.Professor, APPSDC Coordinator**
Mrs.G.Anusha, Asst.Professor, EIE Dept.

Name of the SPOC : **Dr.P.Ashok Reddy**
Budget : **Rs. 10,707/-**

Report on Event : Initially Different basic Circuits are designed using 555 timers, LED’s, Switches for Traffic Light Control system and other various applications in Livewire, EDA softwares. Students are learnt to print the Circuit on the PCB followed by different steps and same circuits connected on the PCB with different components to build the application. Students understood how to connect the Complex circuits using software; same circuit how to develop in hardware using PCB.

Strength: hand on practice is very useful to develop the projects in real time with various applications

Drawback: PCB Hardware Design is not sufficient half day. Better to conduct one day for circuit designing in Hardware.

Feedback : It is useful to develop real-time projects in future.



Fig.1.Banner



Fig. 2.Addressing by Prof.B.Poornaiah ,Head of the Department,EIE Department.



Fig. 3.Address the Gathering by Mr.Mahidhar ,Trainer cum Developer ,APSSDC



Fig. 4 Resource Person Mr.B.Mahidhar ,APSSDC Delivering the Procedure to Design the Circuits in LiveWire software



Fig.5 Hands on Practice- PCB Circuit Designing using Livewire Software .



Fig.6 PCB hardware Circuit Designing by the students



Fig.7.Traffic Light control Circuit Design on PCB



Fig8.Press Report