



DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Date: 17-02-2020

PROGRAM REPORT

Name of the Add on Course: Design of PCB

Day/Duration: 6 Days/36 Hours

Time: 9AM to 4PM

Resource Person: Mr.M.KARTHIKPAL, Assistant Professor in ECE Dept, VMTW, Hyderabad

Name of the Coordinator: Mr. G. Ganesh Reddy, Assistant Professor Dept. of ECE, VMTW, Hyderabad.

Number of the Participants: 80

Topics covered: The following topics covered in this program

1. Introduction to PCB designing concepts
2. Component introduction and their categories
3. Introduction to Development Tools
4. Detailed description and practical of PCB designing
5. Lab practice and designing concepts

Course Outcomes:

COs	At the end of the course, students will have the ability to:	POs Mapped	Strength of mapping
CO1	Able to design a schematic of their circuit	PO2,P04	2
CO2	Able to design PCB layout of their design	PO3,PO5	3
CO3	Able produce PCB of their own circuit	PO3,PO5	3
CO4	Recognize the technologies used in electronic industry through the practical experience gained in the course.	PO1,PO4	2
CO5	Design steps, starting from a simple schematic, through creating new components, and all the way to down a final PCB layout.	PO5,PO3	2




PRINCIPAL
Vignans Institute of Management & Technology For Women
Kondapur (V), Ghatkesar (M), Medchal-Malkajgiri (Dt)-501301
Telangana State

Assessment Procedure: The assessment of the Add on course is conducted in Multiple Choice Questions through offline Mode.

Summary:

Department of ECE has organized add on course on “Design of PCB” for the year 2019-20, was provided to I BTech ECE students from 10-02-2020 to 15-02-2020. PCB designing is a growing field with many opportunities for skilled talent in terms of career opportunities. With rising advancements in technology, communications and computing, the need for professional PCB designers continues to grow. But the syllabus did not cover this language in the academics. Considering this gap, we offered the course as an add-on to the I year students. The program was coordinated by Mr. G. Ganesh Reddy, Assistant Professor Dept. of ECE and conducted by Mr.M.KARTHIKPAL, Assistant Professor in ECE Dept, VMTW. 80 students registered registered out of which 78 students did complete their course successfully completing the end course examination and all were issued certificates.



Ganesh
COORDINATOR

K
19/2
HOD

Head of the Department
Electronics and Communication Engineering
Vignans Institute of Management & Technology For Women
Kondapur (V), Ghatkesar (M), Medchal-Malkajgiri (Dt.)-501301



M.Karthikpal
PRINCIPAL

Vignans Institute of Management & Technology For Women
Kondapur (V), Ghatkesar (M), Medchal-Malkajgiri (Dt.)-501301
Telangana State