Course Starting Form
15th Feb 2024

BECOME A PROFESSIONAL PCB DESIGNER

EVERY SUNDAY AND MONDAY
03.00 PM to 05.00 PM

Registration Link

https://forms.gle/z76qToR9rBZqY7of6

Supported by

IEEE VIT-AP STUDENT BRANCH

Faculty Coordinators:
Dr. M Mahesh
Dr. Sambhudutta Nanda

VIT-AP UNIVERSITY

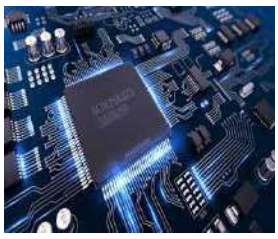
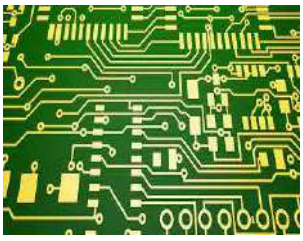
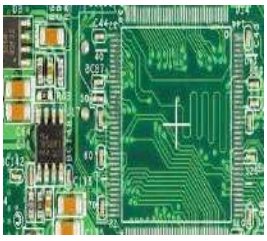
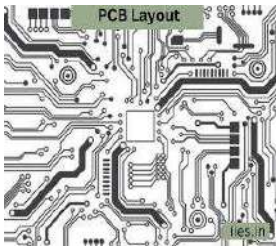
PRINTED CIRCUIT BOARD (PCB) DESIGNING

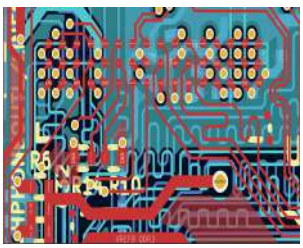
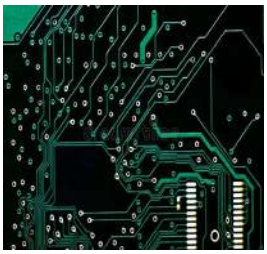
(A Value Added Course)

Offered By

School of Electronics Engineering (SENSE)

The PCB design will be a natural and easy extension of the design process. But for many others the process of designing and laying out a PCB can be a very daunting task. There are even very experienced circuit designers who know very little about PCB design, and as such leave it up to the "expert" specialist PCB designers. Many companies even have their own dedicated PCB design departments. This is not surprising, considering that it often takes a great deal of knowledge and talent to position hundreds of components and thousands of tracks into an intricate (some say artistic) design that meets a whole host of physical and electrical requirements. Proper PCB design is very often an integral part of a design. In many designs (high speed digital, low level analog and RF to name a few) the PCB layout may make or break the operation and electrical performance of the design. It must be remembered that PCB traces have resistance, inductance, and capacitance, just like your circuit does.

Course Benefits : -

- Understand the fundamental process in PCB design.
- Understand the design and manufacturing techniques of PCB.
- Create and Fabricate PCB using EDA tools.
- Comprehend the standards involved in PCB design. Evaluate and test the PCB for the designed circuits.

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CERTIFICATE AFTER COMPLETION OF COURSE