

About Entuple:

Entuple Technologies is a next generation enabler in cutting edge technologies. Entuple delivers world class simulation solutions in Applied Electromagnetics, Semiconductor (VLSI), System Design & Reliability, Mechanical, CFD and RF. Our product solutions include PCB Prototyping, Planer Antenna prototyping systems. Entuple has developed its own range of semiconductor based power drives and process control solutions. We cater to wide range of customers in semiconductor, manufacturing, defense & aerospace and academia.

About REC Kannauj:

Rajkiya Engineering College, Kannauj (RECK) is an Institute with total commitment to quality and excellence in academics. It was established by the Government of Uttar Pradesh in the year 2015. The college is affiliated to Dr. A. P. J. Abdul Kalam Technical University, Lucknow (Formerly Uttar Pradesh Technical University, Lucknow). The college offers four full time courses namely Electrical Engineering, Electronics Engineering, Civil Engineering and Computer Science & Engineering with the aim of equipping the young talents with professional education and to confer sufficient knowledge upon them to meet the demand and challenges of the volatile global environment.

Course Outline - OrCAD:

Day 1:

- Electronic System Design and Manufacturing Overview
- Design and Simulation of an Electronic System

Day 2:

- Creating and Editing Schematic library – Hands On
- Getting Started with Printed Circuit Board

Day 3:

- Design the PCB for Purposed Product - Hands On



Course Outline - HFSS:

Day 1:

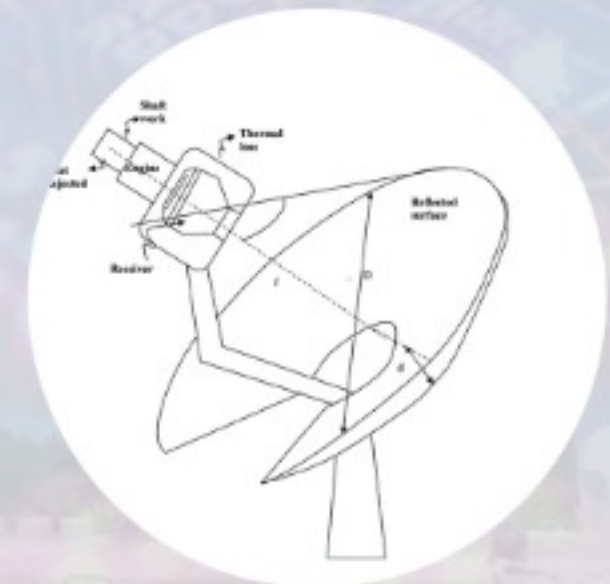
- High Frequency Simulation and Analysis basics -Tool flow
- Design, Simulation of an Probe fed Patch Antenna in HFSS

Day 2:

- Design, Simulation and Characterization of Bowtie Antenna
- Design, Simulation and Characterization of Band pass Filter

Day 3:

- Design, Simulation and Characterization of Magic Tee
- Design, Simulation and Characterization of Horn antenna



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WHAT OUR CUSTOMERS SAY...

Excellent program, was able to experience the steps involved in electronic hardware design with ease.

-- Faculty, BMS College of Engineering, Bangalore

Board design concepts are demystified exceptionally well by this program. Problem definition to product realization flow is simply superb!

-- Research Scholar, GEC, Coimbatore

This program was a very good exposure in Antenna Designs using ANSYS HFSS tool

--- Faculty, College of Engineering, Kidangoor

