



## **DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

### **PROJECT LABORATORY/FACILITIES**

Research lab, Microwave and Optical communication lab and Networks lab were allotted with schedules to do the project works. This facility is exclusively provided to the students to carry out their project works. Computing facility with sufficient number of personal computers with high speed Internet connectivity is available. Domain specific faculty members and technical staff are available beyond working hours to support students for doing project work. The laboratory is equipped with educational tools to create interest and better understanding of electronics. Students are encouraged to do project work in domain wise with the support of the facilities available in the laboratories and Centre's Of Excellence were established in the department namely PCB design laboratory, Intel intelligence laboratory and Texas instruments laboratory. Journals, technical magazines and reference books are shared from college central library. Embedded system development software and tools with evaluation board and necessary hardware items are available in the laboratory to familiarize the students to work in embedded systems. Previous batches working models/ projects and projects reports are available in the laboratory.

#### **Major equipments:**

- Work benches
- Digital storage oscilloscopes and cathode ray oscilloscopes
- Signal generators
- Power supplies
- Soldering iron kits
- Bread boards



- Connecting wires
- General purpose PCBs and necessary electronic components
- Simulation software
- Personal computers with Internet facility
- Embedded systems development boards
- Micro C free version software tool and PIC18F4550 evaluation board
- Open source software- MATLAB, Keil-uVision, Xilinx, Code Composer Studio, Proteus Design and PSpice



Snapshot of Students with Projects done