



DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

ELECTRONIC CIRCUITS LABORATORY

Lab incharge : Mr.L.Ramesh

Lab instructor : Mr.A.Ramachandran

Overview:

The electronics lab is a general lab for all basic courses related to electronics. This is where a fresh student in the electronic department starts. It is working on semiconductor devices, integrated circuits, and Microsystems. Besides use of basic equipment some highly sophisticated devices are also available for the convenience of students. Various department students utilize this lab facility to learn the basic concepts of electronic components and electronic circuit design. This lab supports introductory ECE courses in analog and digital circuits and electronics with modern industry-standard equipment and software. This lab is used for the analysis of characterization of passive circuit elements and wave shaping circuits. It is used to study the time & frequency response of RC and RL Circuits.

The area of laboratory is 85.98 Sq.m

Major equipments:

- Digital CRO
- Function generator
- Regulated power supply
- Decade resistance box
- Decade capacitance box
- Decade inductance box



- Analog and digital multimeter's
- Digital voltmeters



Snapshot of electronic circuits laboratory