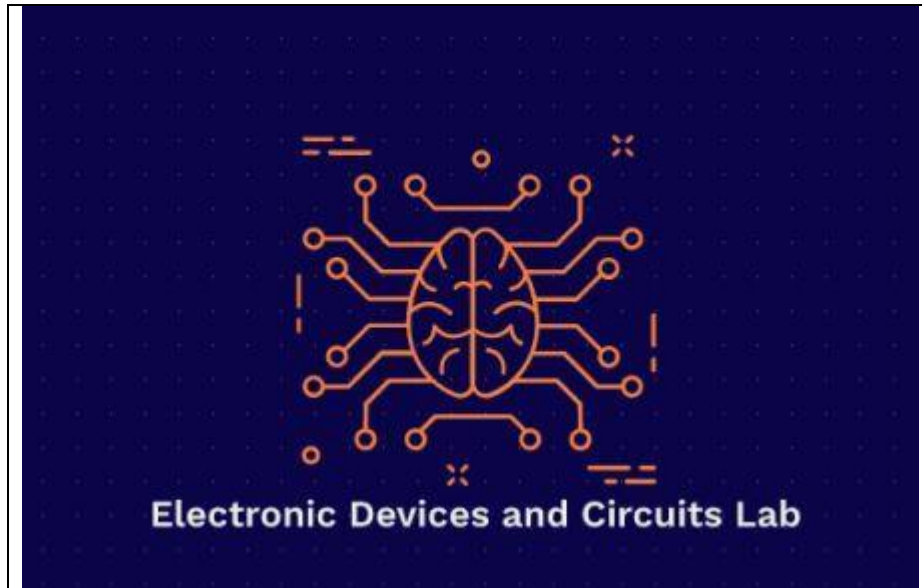


# ELECTRONIC DEVICES AND CIRCUITS LAB



## Objective:

This lab is offered to B.Tech., ECE/EEE/CSE/IT/ME student and it is specially designed and developed for the students to observe the characteristics of various electronic devices. This lab is well provided with equipment like Cathode Ray Oscilloscopes (CRO), Digital Oscilloscopes, Regulated DC power supplies (RPS), Function Generators and Digital and Analog meters of a wide range. This lab gives practical observation on different basic applications of electronic devices and circuits. This gives a good foundation on electronic devices to the students in the initial years. At the end of the semester the student will handle any basic level electronic circuits. We also encourage students to take mini projects by providing them with the required components.

**Area of the Lab: 175.05 sqm**

## Details of the Equipment:

S.No	Name of the Equipment	Quantity
1	Analog & Digital CRO's	18+9
2	Function generators.	18
3	Regulated power supplies.	21
4	Auto transformers.	2
5	Voltage stabilizer.10KVA	1
6	LCR meter	1

• **Lab Cost:**

S.No	Academic Year	Expenditure during this Year	Total Expenditure
1	2020-21	Rs.80,263	Rs26,09,077
2	2019-20	Rs.32,061	Rs25,28,814
3	2018-19	Rs.88,631	Rs.24,96,753
4	2017-18	Rs.93,050	Rs.24,08,122
5	2016-17	---	Rs.23,15,072
6	2015-16	Rs. 48,195	Rs.23,15,072

**Lab Incharge:**

Mr. Mr. M.Sivasankara Rao, Sr Assistant Professor Dept. of ECE

**Supporting Staff:**

Mr. P.N.S VITTAL, FOREMAN, Dept. of ECE

**PHOTOS:**

