



Objective:

This lab is offered to B.Tech., ECE students 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 Digital Storage Oscilloscopes, Cathode Ray Oscilloscopes (CRO), 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 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: 129.19 sqm

Details of the Equipment:

S.No	Name of the Equipment	Quantity
1	Digital Storage Oscilloscopes	10+5
2	Analog Oscilloscopes	5
3	Computer	1
4	Function generators.	15
5	Regulated power supplies.	15
6	LCR meter	1

• **Lab Cost:**

S.No	Academic Year	Expenditure during this Year	Total Expenditure
1	2021-22	Rs.6,85,887	Rs.32,94,964
2	2020-21	Rs.80,263	Rs26,09,077
3	2019-20	Rs.32,061	Rs25,28,814
4	2018-19	Rs.88,631	Rs.24,96,753
5	2017-18	Rs.93,050	Rs.24,08,122
6	2016-17	---	Rs.23,15,072
7	2015-16	Rs. 48,195	Rs.23,15,072

Lab Mentor:

Dr. B. Ram babu, Professor Dept. of ECE

Lab Incharge:

Mr V.V.RamaKrishna, Assoc. Professor Dept. of ECE

Lab Co-Incharge:

Mr K.V. Ashok, Sr.Asst.Professor Dept. of ECE

Supporting Staff:

Mr. P.N.S VITTAL, FOREMAN, Dept. of ECE
Mr.K.Srinivasa Reddy, Technician, Dept. of ECE

PHOTOS:



