

Analog Communications and Digital Communications Lab



Objective:

The Analog Communications and Digital Communications Lab Is aimed at exposing the students to implement and study the Analog communication and digital communication systems. The concepts of all types of modulation & demodulation as well as various subsystems that are meant for improving the performance of a communication system will be studied.

Area of the Lab: 132.2 sqm

Details of the Equipment:

S.No	Name of the Equipment	Quantity
1	Spectrum analyzer 1GHz	02
2	30MHz Dual Trace Oscilloscopes	16
3	Function Generators	14
4	Analog Communication Trainers	29
5	Digital Communication Trainers	35
6	SDR URSP 2900 teaching bundle sets	03
7	5KVA Voltage Stabilizer	01
8.	Desktop computers	15
9.	UPS-3KVA	01

Lab Cost : Rs 36,50,375/-

S.No	Academic Year	Expenditure during this Year	Total Expenditure
1	2022-23	Rs 8,02,872/-	Rs36,50,375/-/-
2	2021-22	Rs 6,95,899/-	Rs28,47,503/-
3	2020-21	-----	Rs 21,51,604/-
4	2019-20	Rs 2,82,766/-	Rs 21,51,604/-
5	2018-19	Rs 1,74,054/-	Rs 18,68,838/-
6	2017-18	---	Rs 16,94,784/-
7	2016-17	---	Rs 16,94,784/-
8	2015-16	Rs 97,650/-	Rs 16,94,784/-

Lab In charge:

Dr. P. Venkat Rao , Assoc. professor, Dept. of ECE

Supporting Staff:

Mr. A. Lenin Babu, Senior Technician ,Dept. of ECE

PHOTOS:

