



SHRI VISHNU ENGINEERING COLLEGE FOR WOMEN

(Autonomous)

Department of Electronics & Communication Engineering

Vishnupur, Bhimavaram - 534202

ELECTRONIC DEVICES AND CIRCUITS LAB

Laboratory-In-charge : Mr.K.Murthy Raju
Laboratory-Technician : Mr. A.SRIRAMA VARMA

OBJECTIVE:

The objective of this lab is to introduce the students about to provide an overview of the principles, operation and application of the basic electronic components, understand the characteristics of the active devices and frequency response of different amplifiers.

LAB EQUIPMENT:

S.No.	Item Description	Qty
1	Stabilizer-(10 K VA 22 Amps)	1
2	Dual Trace Oscilloscope (30 M Hz)	11
3	Digital Mustimeter - 3.5 Dig(Hand Held)	12
4	Function Generator (1 M Hz)	12
5	Variable Power Supply (RPS 0-30 V	12
6	Decade Resistance Box	12
7	Decade capacitance Box	12
8	Decade Inductance Box	12
9	Analog Voltmeters (0-1V, 0-10V, 0-15V, 0-20V, 0-30V, 0-50V)	45
10	Analog Ammeters (0-50uA, 0-100uA , 0-200uA,0-2mA,0- 10mA, 0-30mA, 0-50mA,0-100mA)	100



