



Kavitha Memorial Educational Society's
VIJAYA ENGINEERING COLLEGE

(Approved by AICTE – New Delhi & Affiliated to SBTET – Hyderabad)
WYRA ROAD, AMMAPALEM (V), KONIJERLA (M), KHAMMAM – 507 305

ELECTRONICS & COMMUNICATION ENGINEERING

ELECTRONICS-II LAB PRACTICE (DIPLOMA-EE-410)

1. OBTAIN THE CHARACTERISTICS OF A RC COUPLED AMPLIFIER

- a) Plot the frequency response characteristics of a RC coupled amplifier

2. OBTAIN THE CHARACTERISTICS OF THE OSCILLATORS

- a) Colpitt's Oscillator
b) Hartley Oscillator

3. OBTAIN THE CHARACTERISTICS OF THE PHOTO ELECTRIC DEVICES

- a) To plot the Characteristics of Photo diode.
b) To plot the Characteristics of Photo transistor.
c) To plot the Characteristics of LDR.
d) To plot the Characteristics of LED.

4. OPERATIONAL AMPLIFIER CIRCUITS USING IC 741 OP AMP

- a) Inverting Amplifier.
b) Non-Inverting Amplifier.
c) Voltage follower (BUFFER).
d) Summing Amplifier.
e) Difference Amplifier.

5. VOLTAGE COMPARATOR CIRCUITS

- a) To implement and test a Voltage Comparator circuit
b) To implement and test OP AMP Schmitt Trigger and draw the Characteristics.

6. FAMILIARIZE WITH IC 555

- a) To implement Monostable Multivibrator
b) To implement Astable Multivibrator

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