

SAI NATH UNIVERSITY RANCHI, JHARKHAND

List of experiments :-

1. To get familiar with working knowledge of the following Instruments

(a) Cathode Ray Oscilloscope

(b) The Multimeter Structure

(c) Function generator

(d) Regulated power supply

2. a) Plot the forward and reverse V-I Characteristics of a PN junction Diode.

(b) Calculation of cut in voltage

(c) Study of Zener diode in Breakdown region.

3. To get familiar with pin configuration of typical OP-AMP 741

and its use as:

(a) Inverting amplifier

(b) Non-Inverting amplifier

(c) summing amplifier

(d) difference amplifier

4. Study of Phase shift keying modulator and demodulator

5. Measuring the input impedance and Attenuation of a given Transmission Line.

6. Astable and monostable multivibrator using IC 555