

FINOLEX ACDAEMY OF MANAGEMENT & TECHNOLOGY, RATNAGIRI.

DEPT. OF ELECTRONICS ENGG.

**Name of the laboratory: - Electronics Devices and
Circuits.**

LIST OF EXPERIMENTS.

	Basic Electronics :-
1	Study of P-N junction Diode and to Plot its Characteristics.
2	Study of Zener Diode and its Characteristics.
3	Study of Photo Diode.
4	Study of Varactor Diode.
5	Study of Schottky Diode.
6	Study Bipolar Junction Transistor and its Characteristics
7	Study of Field Effect Transistor and its Characteristics.
8	Study of Un-junction Transistor.
9	Study of Photo Transistor.
10	Study of all types of Heatsinks.
11	Study of MOSFET's and its characteristics.
	Electronic Circuits:-
12	Study of Clipper and Clamper Circuits using diode.
13	Study of Half, Full, Bridge rectifier using diode.
14	Study of Inductor, Capacitor and Pi filter circuits.
15	Study of Voltage regulator using Zener Diode.
16	Study of Biasing circuits of BJT & FET amplifiers.
17	Study of BJT and FET as a switch.
18	Study of frequency response of Common Emitter & Common Source

	amplifiers.
19	Study of Power Amplifiers.
20	Study of R-C Oscillators.
21	Study of L-C Oscillator.
22	Study of UJT Relaxation Oscillator.
23	Study of Negative feed back amplifiers.
24	Study of Differential Amplifier.