



AVIT
AARUPADAI VEEDU INSTITUTE OF TECHNOLOGY



VINAYAKA MISSION'S
RESEARCH FOUNDATION
(Deemed to be University under section 3 of the UGC Act 1956)



Accredited by NAAC



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Department of Electrical and Electronics Engineering

LIST OF EXPERIMENTS

1. Residential house wiring using switches, fuse, indicator, lamp and energy meter.
2. Fluorescent lamp wiring.
3. Stair case wiring.
4. Measurement of electrical quantities – voltage, current, power & power factor in RLC circuit.
5. Measurement of energy using single phase energy meter.
6. Measurement of resistance to earth of an electrical equipment.

REFERENCES

1. Laboratory Reference Manual.

Lc

HOD/ EEE
Dr. L. Chitra



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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

List of Experiments:

PROG, BRANCH,	B. E., E. C. E
YEAR/ SEMESTER, SECTION	I/ I, -
SUBJECT	ENGINEERING SKILLS PRACTICE LAB- Basic Electronics Engineering
ACADEMIC YEAR	2021-2022 (ODD SEMESTER)

1. Practicing of Soldering and De-soldering
2. Characteristics of PN junction Diode and find the forward and reverse resistance
3. Construct and Study simple clipper and clamper circuits
4. Characteristics of Zener diode and determine the break down voltage and diode resistance
5. Construct and Study simple voltage regulator using Zener diode
6. Verification of Logic Gates.
7. Find the characteristics of AND ,NOR,NOT gate