



ATME

College of Engineering



Department of Electrical and Electronics Engineering

Cycle of Experiments

Academic Year: 2024-25

Semester: III

Course Title with Code: Electrical Hardware Laboratory (BEEL358D)

Cycle - I	
Sl. No.	Experiment
1	Verification of KCL and KVL for DC Circuits.
2	Measurement of Current, Power and Power Factor of Incandescent Lamp, Fluorescent Lamp and LED Lamp.
3	Evaluate the loading effect of Voltmeter of electric circuits.
4	Measurement of Resistance using V-I method.
5	Measurement of Resistance and Inductance of a Choke coil using three voltmeter method.
Cycle-2	
6	Verification of KCL and KVL for AC Circuits.
7	Determination of Phase and Line quantities in three-phase star and delta connected loads.
8	Two-Way and Three-Way Control of Lamp and Formation of Truth Table.
9	Measurement of Earth Resistance using fall of potential method.
10	Determination of fuse characteristics.

Lab In-Charge

HOD