

List of experiments

PART- A (compulsory)

1. Verification of KVL and KCL.
2. Verification of Thevenin's and Norton's theorem.
3. Transient Response of Series RL and RC circuits for DC excitation.
4. Resonance in series RLC circuit.
5. Calculations and Verification of Impedance and Current of RL, RC and RLC series circuits.
6. Measurement of Voltage, Current and Real Power in primary and Secondary Circuits of a Single-Phase Transformer.
7. Performance Characteristics of a DC Shunt Motor.
8. Torque-Speed Characteristics of a Three-phase Induction Motor.

PART-B (any two experiments from the given list)

1. Verification of Superposition theorem.
2. Load Test on Single Phase Transformer (Calculate Efficiency and Regulation).
3. Measurement of Active and Reactive Power in a balanced Three-phase circuit.
4. No-Load Characteristics of a Three-phase Alternator.