

List of Experiments:

1. Sumpner's test on a pair of 1- Φ transformers.
2. Scott connection & Parallel operation of transformers.
3. No-load & Blocked rotor test on 3- Φ induction motor.
4. Equivalent circuit of a 1- Φ induction motor.
5. Regulation of alternator by synchronous impedance method and MMF method.
6. Determination of X_d & X_q of a salient pole synchronous machine.
7. V and inverted V curves of a 3-Phase Synchronous Motor.
8. Separation of core losses of a 1- Φ transformer.
9. Regulation of alternator by ZPF and ASA method.
10. Determination of sequence impedances of 3- Φ alternator.
11. Determination of sequence impedances of 3- Φ transformer.
12. Speed control of 3- Φ slip ring induction motor.