List of Experiments:

1. Determination of Equivalent circuit of a 3-winding transformer.
2. Determination of sequence impedances of a cylindrical rotor synchronous machine.
3. Fault Analysis of a 3 phase Alternator, (LG, LL, LLG, LLLG faults).
5. Determination of sequence impedances of 3 ph Transformers.
6. Characteristics of over current relay (IDMT Characteristics).
11. Performance and Testing of Transformer Protection System
12. Feeder protection system

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.
5. Regulation of alternator by synchronous impedance method and MMF method.
6. Determination of Xd & Xq 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.