



AVIT
AARUPADAI VEEDU INSTITUTE OF TECHNOLOGY



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



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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Name of the Lab : 17EECC83 - Electrical Machines – I Lab

List of Experiments

1. Load test on DC shunt motor.
2. Load test on DC series motor.
3. Speed control of DC shunt motor.
4. Open circuit and load characteristics of DC generator (Self and Separately Excited).
5. Load test on dc compound generator.
6. Load test on single phase transformer.
7. Open circuit & Short circuit test on single phase transformer.
8. Swinburne's test.
9. Separation of Losses in single phase transformer.
10. Hopkinson's test.
11. Sumpner's test on 1-phase transformer.
12. Study of three phase transformer connections.
13. Study of DC Starters.

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