



**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 : 17EECC85 - Electrical Machines – II Lab

### List of Experiments

1. Regulation of 3-phase Alternator by EMF and MMF methods.
2. Regulation of 3-phase Alternator by ZPF and ASA method.
3. Slip test on 3-phase Alternator.
4. Load characteristics of 3-phase Alternator by bus bar loading
5. V and inverted V curve of Synchronous motors.
6. Load test on 3-phase Induction motor
7. Load test on 1-phase Induction motor.
8. No load and Blocked Rotor test on three phase induction motor.
9. Equivalent circuit and pre – determination of performance characteristics of single-phase Induction motor.
10. Separation of losses in three-phase induction motor.
11. Speed control of three phase induction motor
12. Study of Linear induction motor and Synchronous Induction motor.

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