

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Name of the Lab : Electrical Machines Laboratory

OBJECTIVES

- To expose the students to the operation of D.C. machines, transformers, synchronous machines and induction motors and give them experimental skill.

OUTCOMES

At the end of the course, the student should have the

- Ability to understand and analyze DC Generator, DC Motor and Transformers
- Ability to understand and analyze EMF and MMF methods
- Ability to analyze the characteristics of V and Inverted V curves
- Ability to understand the importance of Synchronous machines and Induction Machines
- Ability to acquire knowledge on separation of losses
- Ability to determine the speed characteristic of different electrical machines

Estd - 2001