

ELECTRICAL MACHINES DESIGN LAB

Paper Code: ETEE-455(ELECTIVE)

Paper: Electrical Machines Design Lab

List of Experiments:

To design the following parts of the electrical machines by using C++/MATLAB or any other related software.

S.No.	CO	Experiment
1	CO1	Design of Armature.
2	CO1	Design of Commutator.
3	CO1	Design of Armature winding.
4	CO2	Design of Magnetic Core of Transformer.
5	CO4	Design of rotor bars and slots of squirrel cage induction motor.
6	CO4	Design of rotor core of slip ring induction motor
7	CO3	Design of salient pole rotor of synchronous machine.
8	CO3	Design of stator core and winding for synchronous machine.
9	CO3	Design of rotor for turbo alternators.
10	CO3	Design of damper winding.

NOTE:- At least 8 Experiments out of the list must be done in the semester.