Objective of the Course:
The subject helps the engineers to learn modern techniques and analytical methods for dealing with and solving operational problems in electrical machines. It also helps the students to develop and practice their research skills and find solutions to real problems.

UNIT - I
Operation And Steady State Behavior of Electrical Machines:

UNIT - II
Electro dynamical equations and their solutions:
Lagrange’s equation – Application of Lagrange’s equation – solution of electro dynamical equations.

UNIT - III
Dynamics of DC Machines

UNIT - IV
Induction Machine Dynamics

UNIT - V
Synchronous Machine Dynamics

REFERENCE BOOKS: