

***KING FAHD UNIVERSITY OF
PETROLEUM & MINERALS***

ELECTRICAL ENGINEERING DEPARTMENT

**EE462
ELECTRICAL MACHINES**

L A B O R A T O R Y H A N D O U T

LIST OF EXPERIMENTS

Expt. Number	Experiment title
01	Separation of hysteresis and eddy current losses in single phase transformers
02	Parallel operation of poly phase alternators
03	Slip test for determining X_d and X_q parameters of synchronous machines
04	Introduction to EDSA software
05	X_d and X_q parameters of synchronous machines by simulation – EDSA software
06	Retardation test for DC machines
07	Determination of induction motor parameters
08	Determination of induction motor parameters – EDSA software
09	Effect of rotor resistance on torque speed characteristics of induction motors
10	Split-phase motor starting, load, and torque characteristics