

# **ELECTRICAL MACHINES I & II LAB**

**LAB INCHARGE NAME: G.SUBRAMANIAM AP/EEE**

## **DESCRIPTION OF THE LAB**

The Electrical Machines I & II labs aim at providing a platform for students to perform experiments which explain the working principle and characteristics for various types of DC Motors, DC Generators, Alternators and AC Motors. In this lab, students had the possibilities to test the efficiency of various tests to determine the efficiency and performance characteristics which are useful in determining the suitable motors or generators according to their applications.

In this lab students have the chances to learn about the construction, working principle, performance characteristics and testing of the DC and AC machines, it makes industry ready engineers serve the society.

## **MAJOR EQUIPMENTS**

DC shunt motor, DC series motor, DC shunt generators, DC series generators, DC compound motor, DC compound generator, Induction motors, Transformers, Synchronous motor, Non salient pole alternators, Salient pole alternators.

## **PHOTO**

