

ELECTRICAL MACHINES LABORATORY

The Electrical Machines Laboratory is designed to support the theoretical study of Electromechanical Devices with suitable experiments. This Lab Concerns with electrical machines of different types i.e, DC Machines and AC Machines to impart knowledge on characteristics and, operation of the machines and give them experimental skill, familiarize with the constructional details of the Machines. It enables the students by providing the essential facilities to augment their concepts on the fundamentals of rotating machines. The experimental setups on transformers, inductions motors and synchronous machines make the students to get the insights of the machines. This lab consists of machines which are mounted as industrial type of assembly to give the students industrial feel. Experiments on VFDs make the students industry ready.

Facilities:

- DC Shunt Motor - Generator Set (04 Nos)
- DC Shunt Motor - Series Generator Set (02 Nos)
- DC Shunt Motor - Compound Generator (02 Nos)
- Identical DC Shunt Machines
- Identical DC Series Machines
- DC Shunt Motor (05 Nos)
- Single phase transformer (12 Nos)
- Three phase transformer (06 Nos)
- Induction Motors (06 Nos)
- Three phase synchronous motor (02 Nos)
- Alternator Sets (04 Nos)
- Drives (05 Nos)

PHOTOS:



