

POWER SYSTEMS AND SIMULATION LABORATORY

This laboratory is designed to give students hands-on experience on different equipment of electrical power system. This is an advanced laboratory to carry out modeling, simulation and analysis of power system equipments. Students can practically verify several concepts and procedures learned in power system modeling and analysis. This lab has facilities to study the protection of equipment by relays in conjunction with switchgear. This lab also helps to model and analyze the dynamics of power system for small signal and large signal disturbances and design the systems for enhancing stability. The students would be skilled enough to work with various type of relaying schemes used for different apparatus protection in the laboratory.

Facilities:

- Differential relay
- Sequence components set-up
- Fault analysis set-up
- Earth fault relay
- Over voltage relay
- Megger.

PHOTOS:





