

Power System Simulation Laboratory Laboratory:

Laboratory In-charge : Mr. PL. Somasundaram

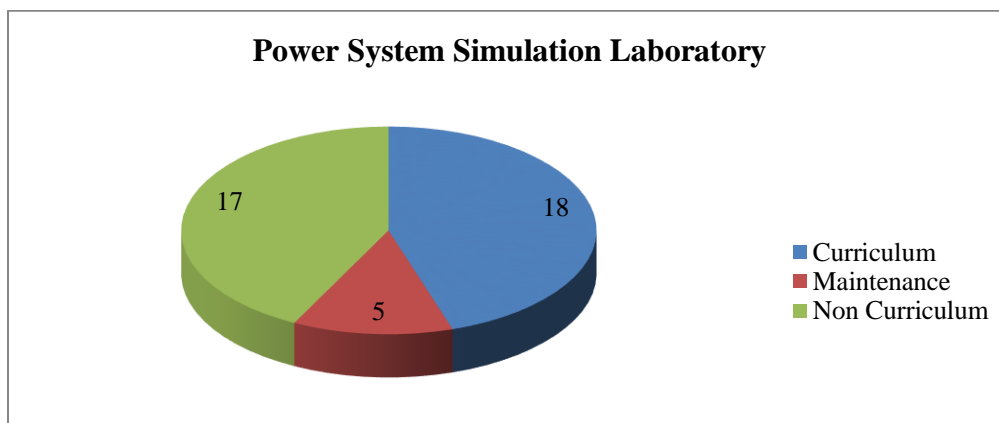
Technical supporting staff : Ms. S.Divya



Figure 6.1 Snapshot of Power System Simulation Laboratory

Area of the laboratory: 14.35m X 8.7m = 124.845 sq.m

Utilization chart



Major Equipment:

- Mi Power Software
- Lab View Software
- Personal Computer
- MAT Lab. Software.

Major Experiments:

- Formation of Bus Admittance and Impedance Matrices and Solution of Networks.
- Solution of load flow and related problems using Gauss-Seidel Method.
- Fault analysis with symmetrical components.
- Electromagnetic Transients in Power Systems.
- Economic Dispatch in Power Systems.

Utilization of the laboratory:

- Power System Simulation Laboratory for final year & Third EEE students