

GYAN SAGAR COLLEGE OF ENGINEERING

New Scheme Based On AICTE Flexible Curricula

Electrical & Electronics Engineering, VII-Semester

Power System Protection Lab.

LIST OF EXPERIMENTS

1. Determination of drop out factor of an instantaneous over current relay.
2. Determination of operating characteristic of IDMT relay.
3. Determination of operating characteristic of differential relay.
4. Study and operation of gas actuated protective relay.
5. Study and operation of static over current relay.
6. Determination of transmission line parameters using MATLAB.
7. Analysis of power system faults (Symmetrical & Asymmetrical) using MATLAB.
8. Study of SF6 circuit breaker
9. Protectional simulation study of generator, Transformer, Feeder & Motor protection.