



MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR (M.P.), INDIA

माधव प्रौद्योगिकी एवं विज्ञान संस्थान, ग्वालियर (म.प्र.), भारत

A GOVT. AIDED UGC AUTONOMOUS & NAAC ACCREDITED INSTITUTE, AFFILIATED TO R.G.P.V BHOPAL (M.P)

Department of Electrical Engineering

Power System (130503)

LIST OF EXPERIMENTS

1. To study EHV AC Transmission Line Simulation Panel
2. To measure resistance, inductance and capacitance of EHV AC Transmission Line Simulation Panel
3. To study cables, insulators and line supports used in transmission and distribution system
4. To calculate generalized circuit constants for short, medium and long transmission line of EHV AC Transmission Line Simulation Panel
5. To simulate L-G, L-L, L-L-G, L-L-L, L-L-L-G faults using MATLAB
6. To write MATLAB code to determine the maximum power without loss of synchronism using equal area criterion
7. To write MATLAB code for determination of the critical clearing angle and critical clearing time
8. To determine the system stability from the swing curve
9. To determine stability of the system using MATLAB
10. A visit and study of 33kV Substation.

SCAN or Click Links given below



<https://youtu.be/aJD3K9yiLYA>