

Control Systems Lab

List of Experiments

1. Time response of Second Order System.
2. Effect of P, PD, PI, PID controller on a second order system.
3. Characteristics of Synchro's.
4. Lead and Lag Compensation –Magnitude and phase plot.
5. Characteristics of AC Servomotor.
6. Transfer function of a DC Generator.
7. Transfer function of a DC Motor.
8. Verification of Truth Tables by using Programmable Logic Controller.
9. Temperature Controller using PID.
- 10.Characteristics of Magnetic Amplifier.