Control System

Course outcomes

1. Understand the open loop and closed loop control systems, and model the linear-time-invariant systems using transfer function and state space representations.
2. Analyze the time domain specifications, stability analysis of control systems in s-domain through R-H criteria.
3. Analyze the Root locus techniques and frequency response analysis through Bode diagrams, Nyquist, Polar plots.
4. Apply the knowledge on state space analysis, design of lag, lead compensators to real world electrical and electronics applications.