

Control Engineering Lab

Control Engineering Laboratory facilitates the undergraduate students in enhancing their learning of control mechanisms of real world systems. The full laboratory course is introduced in B.Tech. (Electrical Engineering) Programme to impart knowledge about developing mathematical models of physical systems, analyzing behaviour of linear systems for stability and further enabling the students to understand the basic control design methods to meet out desired performance requirements in industrial automation.



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Equipment Details

Sr. No.	Hardware	Make	Qty
1.	AC Servo Motor Speed Torque Characteristics Trainer	HEM Electronics	01 No.
2.	D.C. Servo Motor Set-up	Vinytics	02 No.
3.	Compensator Design Set-up	Vinytics	01 No.
4.	Synchro Transmitter-Receiver Pair Set-up	Vinytics	01 No.
5.	Relay Control System	Vinytics	01 No.
6.	Digital Control System	Vinytics	01 No.
7.	DC Servo Motor PID Controller	Vinytics	02 No.
8.	DC Motor Position Control System	Vinytics	01 No.
9.	Process Control Simulator for Linear System & PID Study	Vinytics	01 No.
10.	Potentiometer Error Detector	Vinytics	02 No.
11.	Digital Storage Oscilloscope (TDS-2024)	Techatronics	01 No.
12.	Rotary Servo Plant Based Comprehensive Control Lab Training	Quanser	01 Set
13.	Computer (PC)	IBM	01 Set