



Hindusthan College of Engineering and Technology
Coimbatore 641 032
Department of Electrical and Electronics Engineering

UG: B.E., EEE

CONTROL AND INSTRUMENTATION LABORATORY

Control System Lab

Course:

Control System Lab

Total cost of the equipments: 3 lakhs

Area : 150 sq.m



Measurements & Instrumentation Lab

Course:

Measurements & Instrumentation Lab

Total cost of the equipments: 3.1 lakhs

Area: 250 sq.m



CONTROL SYSTEMS LAB

S.NO	Name of the Equipment
1	SPEED MEASUREMENT AND CLOSED LOOP CONTROL OF AC SERVO MOTOR
2	STEPPER MOTOR CONTROLLER TRAINER
3	PROCESS CONTROL SIMULATOR
4	LEAD LAG NETWORK SIMULATOR
5	SYNCHRO TRANSMITTER AND RECEIVER TRAINER
6	RTD MODULE
7	IC TEMPERATURE SENSOR KIT
8	LOAD CELL TRAINER MODULE
9	DC MOTOR BASED POSITION CONTROL SYSTEM
10	WARD LEONARD SPEEDCONTROL SYSTEM TRANSFER FUNCTION
11	CATHODE RAY OSCILLOSCOPE
12	AUDIO FREQUENCY OSCILLATOR
13	AUDIO FREQUENCY OSCILLATOR
14	TRANSFER FUNCTION OF DC SERVO MOTOR
15	PC BASED TEMPERATURE CONTROL SYSTEM
16	DIGITAL STORAGE MIXED SIGNAL OSCILLOSCOPE

S.NO	Name of the Equipment
1	Cathode Ray Oscilloscope
2	Dual variable Power Supply (0-30V)
3	Digital IC Trainer Kit
4	Analog IC Trainer Kit
5	Digital IC Trainer Kit Digital BCD to 7 segment decoder
6	Digital Storage Oscilloscope (40MHz)
7	Logic IC Trainer Kit