

Name of Lab: Control System Lab

Floor Area: 192 Sq. m.

Sr. No	Name of the Equipment	Specification	Make	Quantity
1	Temperature control system.	P.I.D and Relay control, 25 W, 3 ½ Digit, I.C regulation		1
2	Strain Gauge	Beam with stand, Capacity –2kg, 3.5 Digit Display		1
3	D.C Position control system	Position control of a 12 V, 1Amp, D.C Gear Motor (50 rpm) Microprocessor Based wave form capture /display card 220 V +/- 10 %, 50 Hz main operation.		1
4	P.I.D Controller.	Built in 3 ½ Digit. D.V.M for D.C Measurement, Built in I,C regulated power supply, 220 V +/- 10 % ,		1
5	Potentiometer error detector	Built in 3 ½ Digit. D.V.M for Measurement, 220 V +/- 10 % , 50 Hz main operation.		1
6	Resistance Temperature Detector	1 mA,+/- 15 V D.C Power supply		1
7	L.V.D.T	10A, 3 ½ digit , digital display, Fixed Freq. Oscillator 2KHz/5KHz		1