Control Systems Lab

|  |  |  |
| --- | --- | --- |
| **SNO** | **Lab Name** | **Equipment Name** |
| 1 | Control Systems Lab | Time Response of Second order system Instruments required: CRO Function generator Decade resistance box Decade inductance box Decade capacitance box |
| 2 | Control Systems Lab | Second order system with P,PI,PD,PID Controller Kit |
| 3 | Control Systems Lab | Programmable logic controller Kit |
| 4 | Control Systems Lab | Magnetic amplifier kit Instruments required: Bulb or Rheostat |
| 5 | Control Systems Lab | Transfer function of AC Servomotor kit with loading arrangement |
| 6 | Control Systems Lab | Feedback on DC Servomotor kit |
| 7 | Control Systems Lab | Transfer function of DC motor kit |
| 8 | Control Systems Lab |  Transfer function of DC Generator kit |
| 9 | Control Systems Lab | Temperature Controller using PID kit |
| 10 | Control Systems Lab | Synchros Synchro transmitter & reciever Instruments required: 3-Voltmeters |
| 11 | Control Systems Lab | Lag and Lead compensation kit Instruments required: CRO |
| 12 | Control Systems Lab | Processor: Minimum i3 processor E7500(2.93GHZ) RAM:4GB Hard Disk:500 GB Micro Soft licensed Operating System. |
| 13 | Control Systems Lab | Licensed Software Package MATLAB, PSPICE & required OS for above Systems. |