

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

CONTROL AND INSTRUMENTATION LABORATORY

LIST OF MAJOR EQUIPMENTS

| S. NO | NAME OF THE EQUIPMENTS | QUANTITY | AMOUNT Rs. |
|-------------------------|--|-----------------|-----------------------|
| 1 | PID Kit | 1 | 19,500 |
| 2 | Ac Synchro Transmitter And Receiver | 1 | 21,000 |
| 3 | Electric Heater, Thermometer, Thermistor And Rtd Trainer Kit | 1 | 12,000 |
| 4 | Optical Sensor Kit | 1 | 15,500 |
| 5 | Pressure Chamber 30 Psi And Air Foot Pump | 1 | 14,600 |
| 6 | Strain Gauge With Candy Lever Beam | 1 | 10,500 |
| 7 | Flow Measurement Trainer 1/2 Hp Motor | 1 | 57,000 |
| 8 | IC Transistor Kit | 1 | 4,700 |
| 9 | Transfer Function Of 2 Phase Ac Servo Motor | 1 | 38,100 |
| 10 | DC Motor Based Position Control System | 1 | 31,695 |
| 11 | Programmable Logic Controller | 2 | 1,25,328 |
| 12 | Wheatstone Bridge | 2 | 5,800 |
| 13 | Kelvin Double Bridge | 2 | 6,600 |
| 14 | Maxwell Inductance Bridge | 2 | 6,600 |
| 15 | Schering Bridge | 2 | 6,600 |
| 16 | DC Motor And DC Generator Transfer Function Study Trainer | 1 | 42,100 |
| 17 | Analog Simulation Of Type – 0, Type - I System | 1 | 26,970 |
| 18 | LVDT Trainer Kit | 1 | 7,350 |
| 19 | Instrumentation Amplifier | 1 | 7,462 |
| 20 | Analog To Digital Converter Trainer | 1 | 3,150 |
| 21 | Digital To Analog Converter | 1 | 3,150 |
| 22 | Analog Digital Storage CRO | 2 | 74,400 |
| 22 | Function Generator | 5 | 9,199 |
| 23 | Analog Simulation Type-0 & Type-1 System | 1 | 26,970 |
| Total Amount Rs: | | | 5,76,274 |