|  |  |  |
| --- | --- | --- |
| **Mechatronics Lab** | | |
| **S. No** | **List of Equipment’s** | **Quantity** |
| 1 | 8051 and 8085 microcontroller kit | 2 Nos |
| 2 | Stepper motor controller with motor | 2 set |
| 3 | Traffic light controller | 2 set |
| 4 | Speed control of DC motor | 2 set |
| 5 | Image processing with hardware kit and software controller | 1set |
| 6 | Hydraulics kit | 1 set |
| 7 | Pneumatic training kit | 1 set |
| 8 | Electro pneumatic training kit | 1 set |
| 9 | Electro pneumatic kit with PLC controller | 1 set |
| 10 | IoT kit | 8 set |
| 11 | Linear transducer LVDT for 10 mm range | 1 set |
| 12 | Angular transducer | 1 set |
| 13 | Position transducer | 1 set |
| 14 | Direction transducer | 1 set |
| 15 | Speed transducer | 1 set |
| 16 | Pressure transducer | 1 set |
| 17 | Temperature transducer | 1 set |
| 18 | Force transducer | 1 set |
| 19 | Speed and direction control of DC servomotor unit | 1 set |
| 20 | LCD display with Arduino unit to control sensors | 1 No. |
| 21 | Solenoid valve unit which can control through internet | 1 set |
| 22 | Actuator application trainer - sensor to microcontroller program operated ON/OFF Linear actuator through by IOT | 1 No |
| 23 | Sensor Trainer kit (speed sensor, light sensor, load sensor, flow sensor module) | 1 set |