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| **NAME OF THE LABORATORY: MECHATRONICS LABORATORY** | | | | |
| **S.No** | **Name of the Equipment** | **Quantity Required as per AU R2008** | **Quantity Available** | **Remarks** |
| 1 | Basic Pneumatic Trainer Kit with manual and electrical controls/PLC  Control    each | 01 | 01 |  |
| 2 | Basic Hydraulic Trainer Kit | 01 | 01 |  |
| 3 | Hydraulics and Pneumatics Systems Simulation Software /Automation studio sets | 01 | 10 |  |
| 4 | 8051 - Microcontroller kit with stepper motor and drive circuit sets | 02 | 02 |  |
| 5 | LAB VIEW software with Sensors to measure Pressure,Flow rate, direction, speed, velocity and force.seats | 02 | 02 |  |
| **ADDITIONAL EQUIPMENTS FOR THE LABORATORY** | | | | |
| 1 | Pneumatic Turret Lathe | Nil | 01 |  |

Lab In charge Lab coordinator HoD Principal