

# DEPARTMENT OF ELECTRICAL ENGINEERING

## INDUSTRIAL POWER LABORATORY-1

### PROCESS AUTOMATION LAB

#### List of Major Equipment:

Sl No.	Equipment	Cost (Lakhs)	Year of Procurement
1.	SCADA Distribution (11kV) and load module with SIEMENS SCADA software (Siemens & Proficient Automation)	16.2	2016
2.	PLC (Allen Bradley) based AC Servo Motor Speed Control Trainer	2.50	2006
3.	PLC (Siemens) based Lift Control System	3.15	2006
4.	PLC (Allen Bradley) based Batch Process Reactor Trainer	3.50	2006
5.	LABVIEW software(5 Licences)	11.0	2009
6.	PLC (Allen Bradley) based Star Delta Starter Trainer	1.25	2010
7.	FPGA Trainer kit ( XILINX – SPARTEN 3E) (3Nos)	0.45	2013
8.	FPGA Trainer kit (XILINX – VIRTEX 5)	0.45	2013
9.	FPGA Trainer kit ( XILINX –NEXYS 3) ( 3Nos)	0.45	2013
10.	DC Regulated Power Supply-30V,2A	0.05	2013
11.	NI-myDAQ	1.53	2013
12.	Function Generator 2 MHz	0.08	2014
13.	Function Generator 3 MHz (Scientific)	0.08	2014
14.	NI cRIO -9082	6.04	2014
15.	NI-PCI 6602	0.90	2014
16.	NI myRIO	1.20	2015
17.	Digital Storage Oscilloscope 200MHz (Tektronix TDS 2024C)	0.88	2015
18.	Digital Storage Oscilloscope 500MHz (Agilent Technologies DSO-X 3054A)	5.14	2015

Faculty I/C: Dr. Ashok S

Technical staff: Mr. Anoop (project staff)

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