

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 IFIX SCADA software (Kalki Tech & GE Fanuc)	8.0	2005
2.	PLC (Allen Bradley) based AC Servo Motor Speed Control Trainer	2.50	2006
3.	PLC (Allen Bradley) based Lift Control System	3.15	2006
4.	PLC (Allen Bradley) based Batch Process Reactor Trainer	3.50	2006
5.	PLC (Allen Bradley) based Star Delta Starter Trainer	1.25	2010
6.	FPGA Trainer kit (XILINX – SPARTEN 3E) (3Nos)	0.45	2013
7.	FPGA Trainer kit (XILINX – VIRTEX 5)	0.45	2013
8.	FPGA Trainer kit (XILINX –NEXYS 3) (3Nos)	0.45	2013
9.	DC Regulated Power Supply-30V,2A	0.05	2013
10.	Function Generator 2 MHz	0.08	2014
11.	Function Generator 3 MHz (Scientific)	0.08	2014
12.	dSPACE DS 1104 R&D Controller (DynaFusion Technologies)	6.85	2015
13.	Digital Storage Oscilloscope 200MHz (Tektronix TDS 2024C)	0.88	2015
14.	Digital Storage Oscilloscope 500MHz (Agilent Technologies DSO-X 3054A)	5.14	2015
15.	SCADA Data gateway with interface (Kalki Tech)	1.44	2015

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