Electronics and Automation Lab

The objective of this lab is to provide practical knowledge on working of various smart sensors and control of process parameters used in automation industries. Distributed control systems trainer (DCS) is used to control various process parameters like liquid level, liquid flow and furnace temperature. Control valves are used to regulate the flow rate in a pipeline. Analog to Digital and Digital to Analog converters are used in the interfacing of process parameters to the personal computer.

Programmable logic controllers are used to controlling more process parameters at a time. Following are the major equipment used in the electronics and Automation Lab.

- Distributed control systems trainer (DCS)
- Programmable logic controllers
- Multi process trainer
- Temperature control System trainer

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