



PROCESS INSTRUMENTATION LABORATORY

About Laboratory:

- Process Instrumentation lab has an array of instruments for temperature, pressure, volumetric and mass flow measurements, level detection, etc.
- This lab has unique scalable architecture with powerful engineering tools and a wide variety of additional functions such as alarm management, process safety and asset management.
- The entire production process from goods receipt to goods issue in both manufacturing and process plants can be automated using these instruments.

Laboratory Equipments/Instruments:

Sr. No.	Name of Equipment/Instrument	Specifications	Qty.	Figure
1	Instrumentation Rack (Mass 6000, Sitrans P300, Sitrans FU060 & FUS3300 (Transmitter), Sitrans P, Mass 2100 & Mag 5000 (Transmitter), Prob LU, Pointec, Position Actuator).	These Instruments are used for measuring flow rate, pressure measurement, temperature, Volumetric & Mass flow measurement, Level measurement, level measurement using Ultrasonic, point level measurement, Position control respectively.	1	
2	PCS-7 kit	SIMATIC PCS 7 combines a unique scalable architecture with powerful engineering tools and a wide variety of additional functions such as alarm management, process safety and asset management, all of which can be integrated seamlessly into your existing environment. SIMATIC PCS 7 has everything you need to completely and safely automate your entire production process,	2	



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		from goods receipt to goods issue, in both manufacturing and process plants.		
3	Dell Precision T1700 Work Station	Intel(R) Xenon(R) CPU E3-1226 v3 @3.30 GHz, 16 GB RAM	7	