

Course code VA- BTI03

Course Title: Basics of Process Instrumentation in coordination with **Siemens**

Target group :: Engineers in Electrical / lectronics/Instrumentation/ENTC/Biomedical Engineering.

Course Duration: 40 hours

Prerequisite : Basic relay logic knowledge and academics information is essential

Course Objectives:

To understand methods of measurement of different signals

Course Outcome:

Student will be able to understand and use various technologies for measurement of parameters.

Course Contents:

Module	Details
1	FLOW measurement : Magnetic Flow meter technology, Mass Flow meter technology , Ultrasonic Flow meter technology (Inline & Clamp On)
2	LEVEL measurement Ultrasonic Level Technology, Radar Level Technology, Capacitance Level Technology
3	PRESSURE Measurement
4	TEMPERATURE Measurement
5	ELECTROPNEUMATIC POSITIONER
	Topics for all above Measurements. <ul style="list-style-type: none">· Various Technology· Working Principles· Product over view· Live demo & Hands on trial for Pressure, Temperature & Positioners, etc