

Course code VA-BTI 02

Course title Basic Automation – 2 (Network and SCADA) in coordination with Siemens

Target Group : Engineers in Electrical/ Mechanical/Electronics/Instrumentation/ENTC/Biomedical Engineering.

Course Duration: 40 hours

Prerequisite: Basic course on Automation with PLC programming knowledge is essential.

Course Objectives:

1. To understand networking and SCADA

Course outcome:

1. Students will be able to know the networking and SCADA with hands on practice.

Course Contents:

Module	Details
1	System overview of SIMATICW in CC, Creating a project , Configuring connections to the SIMATIC S7
2	How to link Digital and Analog address in Scada software, Tag management
3	Graphics Designer and graphics displays for human machine interfacing
4	Alarm logging for message representation, message archiving
5	Tag logging for curve representation, measured value archiving
	Practical exercises for the above

