ENSOLT

Engineering Solutions and Training

More than engineering...

SCADA Training ET- 12
HMI Training   ET- 13

SCADA / HMI Training

This course covers both Supervisory Control and Data Acquisition system and Human Machine Interface system.

In this course students will be introduced to SCADA and HMI hardware and software.

In the first part, basic of SCADA system in industrial automation is introduced and their design is elaborated. Students will design of Graphical User Interface, Real time and Historical trend panel and Alarm panel.

The second part of the course covers HMI. The purpose of the course is to design displays the real-time operational information. Visual process graphics like motor and valve status, tank levels, pressure, vibration, and other process parameters will also be designed.

Reliable Solution providers in Electronics, Electrical and Instrumentation Engineering.
Office : No 167, Patel road, Perambur, Chennai – 600011.
Mobile : 7358275323, 8608309001   Web : www.ensolt.com   E-mail : info@ensolt.com

SCADA / HMI Training

Duration : 3 Weeks, 6 Hours / Week

Week	Title	Coverage
1	Intro	Introduction, Summary, Features of Industrial Computing Applications, Prototype View of SCADA Systems, Piping and instrumentation diagram/drawing (P&ID)
2	SCADA Hardware	SCADA, PLC and DCS Compared, Types of SCADA Networks, Communications Media and Signals.
3	SCADA Software	Data , Communications, Addressing , Project creation, Graphical User Interface design, Read data, Write data, Trends, Alarm design.
4	HMI	Addressing , Graphical User Interface design, Read data, Write data, Trends, Alarm design.

Outcome : Students can able to understand, design and implement industrial SCADA / HMI Monitoring and Control.

Hands on experience on Renu and Astra SCADA.

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