Workshop on

"SIEMENS TIA Basic Functions"
4-Days Program

About Us

We are the training providers and deals in Technical, HSEQ, Management and Soft Skills Training.

We have highly knowledgeable and experienced local & foreign subject matter experts. Our team is highly focused and provides the best support as per your requirements and needs.

We provide a platform from where you can add value in you teams. We are highly fascinated on the development of your Technical and Management Teams.

We can provide on-site and classroom training.

Trainer's Profile

Dr. Salama is our foreign freelance Trainer. He has done his PhD & Masters in Automatic Control Systems and did his Bachelors in Engineering in Electrical power & Machines. He is also an International EX Certified from Compex UK. Currently he is associated with Rasheid Petroleum-Egypt as their Sr. Control Systems Engineer. He has also worked with Rockwell Automation – Allen Bradley, Schneider Electric, Schumberger and Bureau Veritas.

He is a highly skilled in Automatic Controls like:

SCADA & HMI: ☐ SCADA (Vijeoc citect, , WINCC, Intouch,Rsview32, PCS7, Factory Talk, Wonderware, and Cimplicity).

☐ HMI (Panel builder, XBT, VIJEO DESIGNER, Factory Talk, & Wincc flex).

☐ Data Acquisition System (National Instrumental Card)

PLCs : Schneider (Twido, M340, Premium &Quantum)----- Allen Bradley (micro logix , SLC, Compact logix & Control logix), Siemens (S7-200.S7-300, S7-400H, PCS7, 1200 &1500), GE Fanuc (Series 90-30) , GE gas turbine controller Mark VIE, YOkogawa ESD system Prosafe) , Process Control Using PID (Foxboro).

He has conducted different training sessions in the industries in Dubai, Abu Dhabi and Egypt i.e.
☐ Siemens PLC S400
☐ Allen Bradley PLC
☐ PLC's & SCADA systems for both Siemens (S300,Wincc v4.0) & Allen Bradley(CLX L73, Factorytalk 8.2)
☐ Allen Bradley PLC, CLX 5000, and communication

Training Objective:

 • Understand the fundamentals of interaction of the TIA component
 • Reliably operate the "TIA Portal" engineering platform
 • Program simple plant functions with basic STEP 7 instructions predominantly in ladder diagram (LAD)
 • Perform simple commissioning of TIA components.

Training Content:

• The SIMATIC S7 System Family
• Introduction to TIA Portal
• Hardware configuration and create a project
• Devices and Networks
• PLC Tags
• Block Types for the SIMATIC- TIA
• Basic functions (Timer, Counter, Etc.)
• Analog Value Processing with SIMATIC- TIA
• Binary Operations
• Data Blocks
• Distributed I/O
• Create, Change, and Expand Small STEP 7 Programs

Contact Us
Phone: +92 310 265 8003
Email: training@hippocampusgroup.com
Web: www.hippocampusgroup.com