About CRISP

CRISP is established under Indo-German Cooperation agreement as an autonomous organisation of the Dept. of Technical Education and Skill Development, Govt. of M.P.

CRISP provides technical training and consultancy services for Industry Personnel, Government Officers, Faculties of academic and teaching institutions, Students and Jobseekers. CRISP is equipped with the state-of-the-art equipment and technology, latest software, qualified, trained and experienced trainers in the relevant fields.

CRISP has its head office in Bhopal and training centres at several national and international locations.

Other training programmes in Electrical and Electronics offered at CRISP are :

- Embedded System Design
- Electronics Maintenance
- VLSI Design
- RS View 32 SCADA
- Industrial Automation
- PLC Programming & Application
- Field Instrumentation & Control
- PLC Networking
- Electrical Control & Relay Logic Application
- AC/DC Drive
- MATLAB
- Fiber Optic Networking

Patron Clients of CRISP

Contact :

Course Co-ordinator
Mr. Sharad Kumar Saxena

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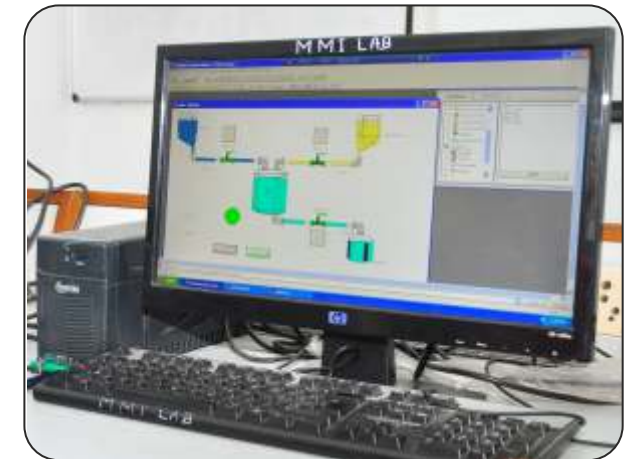email : sharad@crispindia.com

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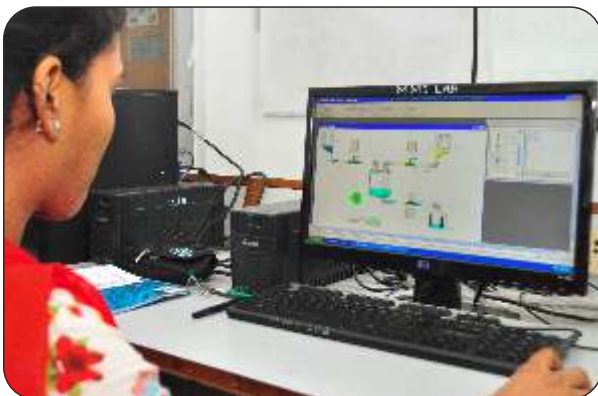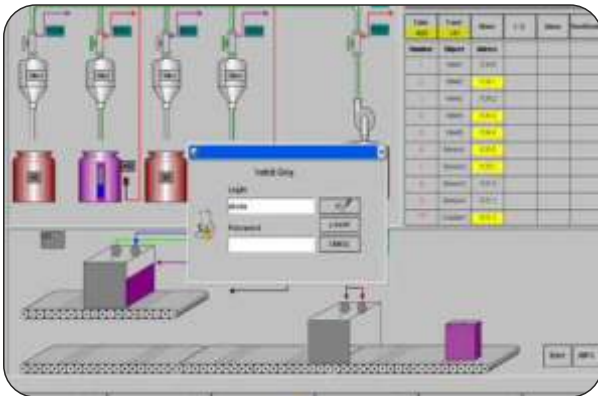## Centre for Research and Industrial Staff Performance

(Established under Indo-German Technical Co-operation)
Opp. Manas Bhawan, Shyamla Hills, Bhopal – 462 002
Phone : **+91 755 2661401, 4223702** Fax : **4220022**

www.crispindia.com

WinCC SCADA

...unleashing the full potential of men & machines

WinCC SCADA

Introduction of Course

Sophistication & complexity in manufacturing industries and process plants have necessitated new technologies for Automation and process control.

PC-based operator control and monitoring systems have experienced rapid development. Today, various SCADA systems (using Man Machine-Interface) are available in the market for controlling and monitoring the process and plants. Therefore, now there is a greater need to understand these systems, develop applications using these systems and maintain them for better productivity and efficiency. With these aims a short term course is being offered on WinCC SCADA.

Course Contents

- • **Need of SCADA**
- • **Selection criteria**
- • **Communication Hardware requirement**
- • **Creating New Project**
- • **Tag Management**

  Internal and External Tags

  Creating & linking tags with PLC

- • **Designing of Graphic Screens**

  Graphic Object Pallets and Library

  Creating Process Pictures

  Methods of making Picture Objects dynamic

- • **Tag Logging**

  Configuration of Tag logging Archives

  Trend and Table display

- • **Alarm Message Archiving and Message Display**
- • **Data Connectivity between WinCC and Standard Interfaces**

Methodology

The programme consists of a mix of :
- • Lectures & presentations
- • Demonstrations
- • Interactive discussions
- • Hands-on practice

Pre-requisite

- • Industry personnel with relevant experience.
- • Passouts or students pursuing Degree /Diploma in Electronics / Electrical/ Instrumentation Engineering or equivalent.

Duration

Full time: 5 working days (7 hours/day)
Part time: Three weeks (15 working days, 2 hours/day)

Course Fee

Kindly refer to our training calendar at www.crispindia.com or can be obtaind from CRISP counselling desk

Mode of Payment

Cash / Online/ Debit/ Credit Card