

Registration and General Information.

Candidates can register for the course by paying course fee deposit amount of **200 Rs (refundable)** to the organizing committee up to **20 January 2017**.

The candidates would be informed regarding their selection **by 23 January 2017 through E-mail/SVNIT website**. Limited seats are available in this course.

Selected and not-selected applicant can collect their course fee back from the organizing committee on **06 February between 4 to 5 P.M**

Address for Communications

**Organizing committee
(Finishing School On Recent trends in Industrial Automation),**

Department of Electrical Engineering,
S.V.National Institute of Technology,
Ichchhanath, SURAT- 395 007.

Tel : 0261-2201666,2201561,9924204844

E-mail : hgp@eed.svnit.ac.in

About the Institute

The institute was established as Sardar Vallabhbhai Regional College of Engineering & Technology in 1961 at Surat in State of Gujarat and was upgraded by Government of India as a National Institute of Technology on 4th October, 2002.

The Institute offers six under graduate, 18 post graduate and doctoral research programmes of very high standard in various disciplines of engineering and applied sciences. The institute has an excellent placement record with a number of top ranking companies visiting the campus every year.

About the Department

The department is one of the pioneering departments of the Institute. Over the years, the department has progressed at a rapid pace with development in both the spheres of infrastructure facilities and academic programmes. The department has highly qualified faculty members engaged in teaching and research with the aim of achieving excellence in the field of Electrical Engineering. The department offers Under Graduate course in Electrical Engineering and Post Graduate programmes in Power Electronics & Electrical Drives and Power System.

The department offers Ph.D. programme to promote basic research activities in the various areas of Electrical Engineering. The consultancy and testing services are also rendered by the department.

Sardar Vallabhbhai

National Institute of Technology, Surat.

Electrical Engineering Department

Presents

TEQIP-II Sponsored

Finishing School

On

Industrial Automation

(28-29 January and 04-05 February 2017)

Organizing Committee

Prof. M. N. Bhusavalwala

Dr. S. N. Sharma

Dr. Hiren Patel



Organized by

Department of Electrical Engineering.

S. V. National Institute of Technology,

Surat-395007, Gujarat, India.

Objective of the Programme

The proposed finishing school is organized to provide much needed hands on training on PLC (Programmable Logic Controllers), VFD (Variable Frequency drive), SCADA (Supervisory Control and Data Acquisition) and various sensors, actuators along with extensive lab sessions.

This will be greatly beneficial to the B.Tech pre-Final/final final year students to fill the gap between Institute's curriculum and requirement of industries.

About the Program

Most of the today's industries use industrial automation extensively involving various automation devices like sensors, Actuators, PLC, SCADA and VFD etc. Hence, this program is mainly designed for the final year students to increase their employability by providing hands on training on various automation Devices like sensors, Actuators, PLC, SCADA and VFD with extensive lab sessions. Similar program was done previously which received very good feedback.

Course Content

Need for Industrial Automation

Overview of various automation Devices

1. Sensors & Transmitters
2. Actuators and final control element: Pneumatic / Hydraulic / Electric
3. PLC,HMI,SCADA,VFD,DCS
4. Working with various automation devices

Introduction to PLC programming

1. PLC Programming Instructions
2. Working with Industrial PLC

Speed control of motor using VFD

1. Configuration of VFD for various application

Introduction to SCADA

1. Working with Industrial SCADA

Who can apply:

- B.Tech pre-Final/final year students of Electrical/Electronic Branch of **SVNIT** Only

Speakers:

- Experienced professionals from Industries
- Established faculty members on the related topics

Course fee:

Course registration fee **deposit:** Rs. 200. **(Refundable)**

For all applicants, course registration fee will be considered as deposit and will be refunded after attending the course.

Application form (please filled with Capital)

Name (as required on certificate) and Address of the applicant:

Branch: _____

Year: _____

CGPA _____

Mobile: _____

Email: _____

Signature of the Applicant

The applicant will be permitted to participate in the above program if selected. Further I have personally talked with the applicant and the applicant seemed to be sure to attend the course, if selected.

Signature of Head of the Department with Seal