

ADVISORY COMMITTEE

Dr. Vijay V. Bedekar
Chairman VPM, Thane

Dr. Kamlakar Desai
Director, VPMPCOE

Mr. J. N. Kayal
Ex. Scientist BARC

Prof. Prakash Nakade
Associate Professor
KGCE, Karjat

Dr. Sudhakar Agarkar
Dean
VPM's AIER, Thane

Prof. D. K. Nayak
Principal, VPM's Poly. Thane

Prof. D. S. Karanjkar
HOD. Instru. DBATU, Lonere

Mrs. V. A. Joshi
HOD. Instru.
VPM's Poly. Thane

Prof. S. G. Hingmire
Ex. HOD. Instru.
DBATU, Lonere

ORGANIZING COMMITTEE

Dr. Shilpa Kamat
Principal, VPMPCOE,
Velneswar

Prof. B. A. Patil
HOD
Department of Mechanical Engineering

Prof. Avadhut Apte
HOD
Department of EXTC Engineering

Prof. Satish Ghorpade
HOD
Department of Electrical Engineering

EXECUTIVE COMMITTEE

Prof. Santosh Shinde
Faculty Co-ordinator
ISOI Student Chapter
Mob : 09860550803

Mr. Omkar Kulkarni
Technical Head
Technicrafters, Karad
Mob : 09890080350

Prof. Mayuresh Patil
Mob : 09021682395

Prof. Gaurav Rajwade
Mob : 09820742505

Prof. Bhagyashree Mahale
Mob : 09762828173

Prof. Onkareshwar Kulkarni
Mob. 08975852936

Mr. Sukumar Birje
Mob : 7774991948

Mr. Parshuram More
Mob : 8806283137

Note : All Participants will get certificate recognized by ISOI, ISTE & MPCOE

NATIONAL WORKSHOP ON "PLC AND AUTOMATION" (13TH – 15TH FEBRUARY 2015)

Application Form

- Name of the applicant
 - Gender: Male/Female
 - Date of Birth
 - Name of your College/
Organization
 - Correspondence address
 - Phone No. (Off. & Resi) :
Fax & Mobile
 - E-Mail
 - Educational Qualifications
 - Present Position
 - Teaching: UG/PG-
Subject & Responsibility
 - Work experience
- Certified that I have filled up the above form truthfully

(Signature of the applicant with date)

- Forwarding note of Head of the Department/Principal regarding candidates suitability and benefit of this training to his/her own institution (for employees only)

Date :

Place:

(Signature Name & Seal of Head of Institution)

REGISTRATION FEE :

Available seats - 80 only

Amount of Rs. 1000/- per participant in cash will be accepted at the time of Registration.

Vidya Prasarak Mandal's Maharshi Parshuram College Of Engineering, Velneswar

Hedvi Guhagar Road, At : Velneswar, Taluka : Guhagar
Dist : Ratnagiri, 415729



NATIONAL WORKSHOP ON "PLC AND AUTOMATION" (13TH – 15TH FEBRUARY 2015) in association with



TECHNICRAFTERS

IN THE SERVICE OF
THE INSTRUMENTS WORLD

ISOI Student Chapter
Department of Instrumentation Engineering

Prof. Avinash Pawar
CO-ORDINATOR

HOD, Department of Instrumentation
VPM's MPCOE, Velneswar

Tel.No. : 02359 - 205237

E-mail : info@vpmpcoe.org

Website: www.vpmpcoe.org

**NATIONAL WORKSHOP
ON
"PLC AND AUTOMATION "
(13TH – 15TH FEBRUARY 2015)**

ABOUT VPMPCOE :

VPM Thane has started a state of art engineering college namely Maharshi Parshuram College of Engineering, Velneshwar. The college is spread on the shore of an Arabian sea. The college is affiliated to University of Mumbai and is recognized by AICTE, New Delhi & DTE. It offers degree courses in Mechanical, Electrical, Computer, Instrumentation, Civil & EXTC Engineering.

BACKGROUND :

A **Programmable Logic Controller (PLC)** is an industrial computer control system that continuously monitors the state of input devices and makes decisions based upon a custom program to control the state of output devices.

Almost any production line, machine function, or process can be greatly enhanced using this type of control system. However, the biggest benefit in using a PLC is the ability to change and replicate the operation or process while collecting and communicating vital information.

Another advantage of a PLC system is that it is modular. That is, you can mix and match the types of Input and Output devices to best suit your application.

OBJECTIVES :

1. This program will help to get campus placement.
2. Define automation, it's importance, expectations from automation and applications in industry.
3. Design relay logic for any industrial application.
4. Write PLC program in ladder logic.
5. Download the program to real time PLC.
6. Study the hardware connection and hands on practice to real time PLC.

RESOURCE PERSON :

"TECHNICRAFTERS" is one of the Advance PLC Training provider. They also provide engineering consultancy and system integration service. Their training programs are specially designed for the students and professionals to gain practical & working experience on leading brands of PLCs.

Their Center in Karad holds regular batches for college students, fresher and industry professionals. They impart quality training which is effective in upgrading the knowledge and skill set of their participant. They also provide trained manpower.

ACCOMMODATION :

Accommodation & food can be arranged on request from participants on additional charges of Rs. 1000/- per student for 3 days.

VENUE :

Vidya Prasarak Mandal's
**Maharshi Parshuram College Of
Engineering, Velneshwar**

Hedvi Guhagar Road, At : Velneshwar, Taluka : Guhagar
Dist : Ratnagiri, 415729
Computer Center, Shripati Building,
Ground Floor,

STRUCTURE OF WORKSHOP:

Day	Contents
Day 1 13/02/2015	<ul style="list-style-type: none"> • Intruduction to Automation • Basic Concepts of Automation • Relay logics theory • PLC Basics & Hardware • PLC Programming types
Day 2 14/02/2015	<ul style="list-style-type: none"> • Concept of Ladder Programming • Real-time execution of Ladder Programming • Practice session on Real time applic ations of PLC • Concept of PLC Inetructions & its relevance in programming
Day 3 15/02/2015	<ul style="list-style-type: none"> • Control Panel Demo • Revision of all concepts learnt so far • Hands On PLC programming & its correlation with Hardware • Felicitation program