One Week
Short Term Training Programme
On

"Industrial Automation Using PLC & SCADA"

(11th Feb-15st Feb 2019)

Registration Form

1. Full Name (in Block Letters):.....
.....
2. Designation:.....
3. Organisation Address:.....
.....
.....
.....
4. Contact No:.....
5.E-mail Id:.....
.....
6. Registration Details:
DD No./Cash.....
Date Withdrawn.....
Name of Bank.....
.....
7. Accommodation Required: YES/NO

Applicant's Signature

Signature of Authority with Seal

REGISTRATION FEES:

UG/PG Student Participant =1000/- INR
Faculty Participant =1500/- INR
Industry Participant=2000/-INR

Note:
No TA DA will be provided to the participants for attending the course. Limited accommodation available on payment basis.

IMPORTANT DATES:

Last Date of Registration: 6th Feb 2019
Date of Confirmation: 8th Feb 2019.

DATE AND VENUE:

The Short Term Training Programme will be held during **11-15st Feb, 2019** at Computer lab, Mechanical Engineering Department, Dr. Daulatrao Aher College of Engineering,Karad.

ADDRESS TO COMMUNICATIONS:

Prof.Vinayak D. Yadav
Co-ordinator,
Prof. Sarafraj J. Mulani
Co-coordinator,
Department of Mechanical Engineering
AGTI's Dr. Daulatrao Aher College of Engineering,
Vidyanagar Extn. Banawadi,
415124, Karad, Dist: Satara, Maharashtra, INDIA
Phone: (02164) 272701/02; Fax: (02164) 272703

G.K. Gujar Memorial Charitable Trust's
Dr.Ashok Gujar Technical Institute's
DR. DAULATRAO AHER COLLEGE OF ENGINEERING, KARAD

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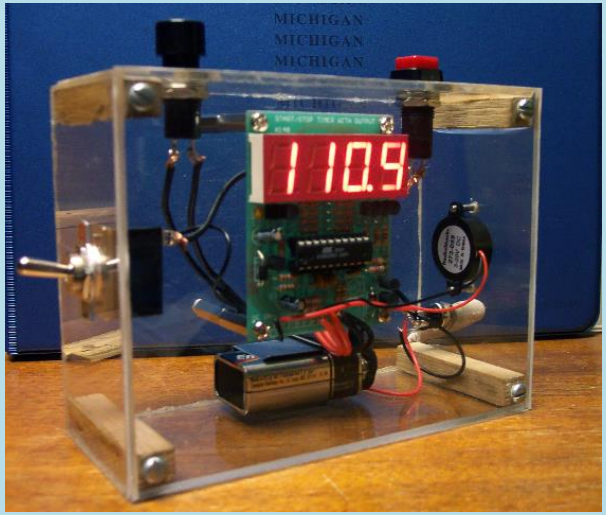

Organized by,
Department of Mechanical Engineering,
Dr. Daulatrao Aher College of Engineering,
Vidyanagar Extension,
Banwadi, Karad, Maharashtra, India
Contact – (02164) 272701 / 02
Website – www.dacoe.ac.in

ABOUT INSTITUTION:

Dr. Daulatrao Aher College of Engineering, Karad was established in 2008 by Dr. Ashok G. Gujar, as part of Shri G. K. Gujar Memorial Charitable Trust's activities at Karad. The Institute is approved by the All India Council for Technical Education (AICTE) New Delhi, Directorate of Technical Education (DTE) Mumbai and Government of Maharashtra and is affiliated to Shivaji University Kolhapur. The Institute offers Undergraduate Engineering Programs in Mechanical Engineering, Electronics & Telecommunication Engineering, Civil Engineering and Computer Science & Engineering leading to B.E. Degree as per Shivaji University Curriculum.

ABOUT DEPARTMENT:

Mechanical Engineering Department was established in the year 2008. The Department has a team of highly qualified and experienced faculty. Research activities at the department are progressing in the areas of feature based design, design optimization of Mechanical systems, Flexible Mechanisms, alternative fuels for IC engines, thermal energy storage and material technology. Mechanical Engineering envisaged the development, design, manufacturing and maintenance of machinery. The present age demands Mechanical Engineering specialists who have the capacity of adaptability and creativity in the new technical areas. Mechanical engineers should have knowledge not only in their own specialized fields but also in wide inter disciplinary fields as well to meet the above requirements.

HOW TO APPLY:

Interested participants are requested to send, filled and duly signed Registration form along with Demand Draft of course fees as applicable in favor of **"MECH AGTI DACOE"** payable at Karad. to the said address. This fee will cover refreshment. **There are only limited no of participants for the course on first come first serve basis.**

CHIEF PATRONS

Hon. Dr. Ashok G. Gujar
Chairman, G. K. Gujar Memorial Charitable Trust, Karad

Shri. Indrajit A. Gujar
Vice Chairman, G. K. Gujar Memorial Charitable Trust,Karad

Dr. Madhuri I. Gujar
Secretary, Dr. Daulatrao Aher College of Engineering, Karad

PATRON

Dr. Anwar M. Mulla
Principal, Dr. Daulatrao Aher College of Engineering, Karad (Maharashtra)

CONVENER

Prof. Hanmant M. Kumbhar, Vice Principal

ORGANIZING SECTRETARY

Prof. Hemant K. Shete
Head, Department of Mechanical Engineering
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COURSE COORDINATOR

Prof.Vinayak D. Yadav -Mb.9766532789
Prof. Sarafraj J. Mulani -Mb. 9922813970
Department of Mechanical Engineering,
E-mail: vdyadav.mech@dacoe.ac.in
sjmulani.mech@dacoe.ac.in

ORGANIZING COMMITTEE

Mr.V.M.Jamadar	Mr.V.N.Gandhe	Mr.V.V.Rangate
Mr.G.S.Jadhav	Mr.S.J.Patil	Mr. S.D. Bagade
Mr.P.S.Gunvant	Mr.D.S.Chinchkar	Mr. G.V.Shinde
Mr.A.S.Suryawanshi	Mr.P.S.Mohite	Miss.S.V.Janugade
Mr. N. S. Bagal	Mr.K.K.Bhosale	Mr.A.D.Awasare
Mr.S.A.Lawate	Mr.R.T.Waghmare	

ABOUT PLC-SCADA:

Industrial automation incorporates programmable logic controllers in the manufacturing process. Programmable logic controllers (PLCs) use a processing system which allows for variation of controls of inputs and outputs using simple programming. PLCs make use of programmable memory, storing instructions and functions like logic, sequencing, timing, counting, etc. Using a logic based language, a PLC can receive a variety of inputs and return a variety of logical outputs, the input devices being sensors and output devices being motors, valves, etc. The greatest advantage PLCs offer is their flexibility. SCADA systems use other peripheral devices such as programmable logic controller (PLC) to interface with the process plant or machinery. The use of SCADA has been also considered for management and operations of project-driven-process in construction

COURSE OBJECTIVES:

- To provide knowledge needed for PLC programming and operating.
- Mode of operation and programming of a Programmable Logic Controller (Allen Bradley PLC).
- Exposure to industrial and process automation, latest technologies of PLC and SCADA.

COURSE CONTENT:

- Introduction to Industrial Automation.
- Role of PLC in Automation.
- Various systems used in automation.
- Introduction to PLC Hardware.
- PLC Fundamentals and Components.
- Hands-on training on Allen Bradley PLC system
- RS Logix PLC Programming.
- Creating a new SCADA application
- Creating and editing graphical display with animation.
- Writing logic through script

RESOURCE PERSONS:

Resource Persons from reputed institutions and Professional trainers from Prolific Systems & Technologies