

ORGANIZING COMMITTEE

CHIEF PATRON:

Prof. A. Kanagaraj
Chairman,
Jaya Educational Trust

Mrs. K. Vijaya Kumari
Secretary,
Jaya Educational Trust

PATRON:

Dr. Krishnan Vijayaragavan
Principal, JEC.

Dr. E. Kaliappan
Vice Principal,

CONVENOR

Prof. G. Kalarani
HoD/ EIE

CO-ORDINATOR:

Mrs. C. Chandravathanam
Assistant Professor / EIE
Jaya Engineering College
Chennai 602024
Mobile: 9965547224
Email: vathana_c@yahoo.com

Venue:

Important Dates:

Submission of Application : 20/08/16

Intimation of Selection : 22/08/16

Confirmation by Participants : 24/08/16

OBJECTIVE OF THE PROGRAMME

The objective of the workshop is to trigger the instrumentation engineering students by imparting the scope of plant automation using PLC in core industries. An instrumentation engineer supports industrial activities by designing, developing and testing a company's control and instrumentation systems. Instrumentation engineering primarily focuses on the principle and operation of measuring instruments used in the design and configuration of automated systems.

TOPICS

BWT and OWT – Knowledge of Plant automation – process measuring and control technology – Overview of Communication and routings – Basic concepts of Plant Engineering – Basic Concepts of Operator station – Working with PID control system. Introduction to PLC - architecture of PLC - Introduction and working with ladder logic – Basic example problems – Latches – Timers – Counters

ADDRESS FOR COMMUNICATION

Prof. G. Kalarani
HoD / EIE

Jaya Engineering College,
Thiruninravur- 602024.

Mobile: 9444436281

Office: 044-26390041

Website: www.jec.ac.in

HANDS ON TRAINING

IN

INDUSTRIAL AUTOMATION

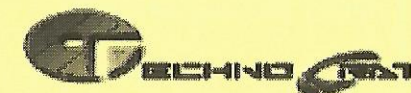
USING PLC

(27.08.2016)

Co-ordinator

Mrs. C. Chandravathanam
Mrs. R. Uma Maheshwari

Sponsored by



Technocrat Automation
Solutions Pvt .Ltd

Organized by



Department of Electronics
and Instrumentation
Engineering
Jaya Engineering College
Thiruninravur -602024

ABOUT THE COLLEGE

Jaya Engineering College a premier technical institution approved by AICTE and affiliated to Anna University was established in 1995 with a focus on technological innovation, entrepreneurship and character building in the students. The institution has been established by Jaya Educational Trust, imparting 12 excellent educations through 21 educational institutions offering courses in medicine, paramedical and arts & science besides running many schools, catering the needs of the society. The college management team consists of well experienced and committed Academicians and Administrators.

ABOUT THE DEPARTMENT

The Department of Electronics and Instrumentation Engineering is offering a full time four year B.E. degree programme in Electronics and Instrumentation Engineering. This field of engineering imparts technical knowledge in the areas of Electronics Engineering, Instrumentation, Control Systems, Embedded Systems, VLSI, Neural Networks, Fuzzy Logic and Bio Medical Instrumentation. Department has sound infrastructural facilities including separate laboratories like DSP Lab, PLC Lab, VLSI Lab and LABVIEW Lab.

ABOUT THE WORKSHOP

The phenomenal developments in the field of plant automation, control, instrumentation and automation are abundant in the last few years. These developments have forced a change in the control system architecture. The workshop will include lectures, demonstrations, and hands – on experiments.

RESOURCE PERSON

Session will be handled by Mr A Karthikeyan, Manager, Outstation & Campus Training, Technocrat Automation Center, Chennai

REGISTRATION

- **Participants will be selected on first come first serve basis**
Registration fees for participants is Rs.250
- **Selected candidates will be intimated through E- mail.**
- **The Registration Fees includes, Tea/Coffee, Lunch, Workshop Kit and Participation Certificate.**

WHO CAN ATTEND

- 1. Students from Engineering Colleges**
- 2. Students from Polytechnic College**
- 3. Industry persons**
- 4. Individuals who want through Knowledge and Hands on Training with certification.**

REGISTRATION FORM

HANDS ON TRAINING IN INDUSTRIAL AUTOMATION USING PLC

PERSONAL DETAILS

Name :
Department :
Qualification :
Gender :
Name of the Institution :
Address for Communication :
Phone :
Email :
Accommodation required : Y/N

Signature

Mr/Ms _____ is recommended to attend the *HANDS ON TRAINING IN INDUSTRIAL AUTOMATION USING PLC* to be conducted in your college.

Signature of Sponsoring Authority
With date and seal