

ABOUT THE INSTITUTE

National Institute of Technology, Tiruchirappalli is a deemed university under the control of Ministry of Human Resource Development, Government of India. It is located above 22 kms from Tiruchirappalli on the Thanjavur National Highway. The institution offers Under Graduate Courses in ten branches and Post Graduate Courses in twenty three disciplines of Science, Engineering & Technology besides Ph.D in all the Departments.

ABOUT THE DEPARTMENT

Instrumentation and Control Engineering Department was established in the year 1993. The department currently offers a B.Tech. Program in Instrumentation and Control Engineering, P.G Program in Process Control and Instrumentation in collaboration with the Chemical Engineering Department, M.S. (By research) and Ph.D. Programme. The department was accredited by N.B.A and sponsored under DST-FIST. We aim at producing talented instrumentation and control specialists who cater to the needs of the modern industries. We have highly modernized laboratory facilities for the academic and research activities. The faculty members are having sponsored research projects from DST, MHRD, United Kingdom India Education and Research Initiative (UKIERI), ISRO, ARDB etc. The department has full fledged laboratories to carry out undergraduate, postgraduate and doctoral programmes in the field of Instrumentation and Control Engineering. The state-of-the-art facilities provided enable students to carry out research in the areas of MEMS, Smart Structures, Control of Electromechanical systems and Process Control. The recently the

Industrial automation lab was established recently for worth of 50 Lakhs funded by DST, FIST and MHRD. The facility includes different process test rigs, PLC and DCS.

COURSE OBJECTIVES:

The objective of course is to provide knowledge of the latest of art of technology in the field of industrial automation. The most of the course is handled by the experts from M/s. Yokogawa India limited. They are providing hands on training in PLC, DCS as well as process test rigs.

COURSE COVERAGE

The topics proposed to be covered are as follows:

- Over view of Industrial automation
- Programmable Logic Controller
- Distributed Control System
- SCADA system concept
- Hands on training in DCS and PLC of M/s. Yokogawa India Limited.
- Test and calibration instrument.

Course material:

The course material will be provided in CD format for the benefit of participants.

DEPARTMENT OF INSTRUMENTATION AND CONTROL ENGINEERING NATIONAL INSTITUTE OF TECHNOLOGY TIRUCHIRAPPALLI - 620 015

WORKSHOP REGISTRATION FORM

“INDUSTRIAL AUTOMATION (IA-2015)”

(17-8-2015 TO 19-8-2015)

1. Name:
2. Date of Birth:
3. Designation:
4. Institution:
5. Address for correspondence:

Phone:

E-mail:

6. Educational qualifications:
7. Experience (in years):

8. Demand Draft Details:

9. Accommodation Required: Yes/ No

Declaration

The information provided is true to the best of my knowledge. If, selected, I agree to abide by the rules and regulations of the course and shall attend the course for the entire duration. I also undertake the responsibility to inform the Coordinator in case, I am unable to attend the course.

Place:

Date:

Signature

SPONSORSHIP CERTIFICATE

Dr./Mr./Mrs./Ms.-----
----- is an employee of
our institute and is hereby sponsored to participate
in the **Industrial Automation (IA – 2015)**
Workshop.

Place: Signature of Head of Institute
Date: (With Seal)

REGISTRATION

Participants from
Academic Institutions: Rs.1000/-
Industries/R&D Organization: Rs 2500/-

The registration fee must be paid by DD in favour of
“The Director, NIT, Tiruchirappalli-620015” and
payable at SBI, NIT, Tiruchirappalli.
(Registration fee includes courser material in CD,
Working lunch, Tea and snacks in morning and
evening)

ACCOMMODATION AND TRAVEL

Accommodation and boarding if required will be
provided in the institute campus on twin sharing
and chargeable basis. (Rs. 300/- per day per
person)

ELIGIBILITY

The programme is open to the Engineering
faculty and Industry persons.

RESOURCE PERSONS

The experts from M/s. Yokogawa India Limited.
Dr. K. Srinivasan and Dr. N. Sivakumaran from
NIT Trichy.



IMPORTANT DATES

Last date for Receipt of application: **10-08-2015**
Acceptance Notification : **12-08-2015**

Application and Sponsorship certificate is neatly
typed & dully filled and send to

Dr. K. Srinivasan

Co-ordinator – IA 2015

Department of Instrumentation and Control
Engineering

National Institute of Technology

Tiruchirappalli - 620 015

Tamil Nadu, India

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URL: <http://www.nitt.edu>

**NATIONAL INSTITUTE OF TECHNOLOGY
TIRUCHIRAPPALLI - 620 015
TAMILNADU**

&

M/S. YOKOGAWA INDIA LIMITED

**“INDUSTRIAL AUTOMATION
(IA -2015)”**

(17-8-2015 TO 19-8-2015)



Coordinators

Dr.N.Sivakumaran

Dr.K.Srinivasan

**DEPARTMENT OF INSTRUMENTATION &
CONTROL ENGINEERING**