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. The hallmark of the campus is the good facilities which caters to the academic and extracurricular interests of the students. Apart from this, the campus provides ample opportunities for developing extracurricular skills which include NCC, NSS, Students Chapters of IEEE, social clubs, and sports & games. The Alumni of this institution have excelled in various spheres and are positioned very well globally in a number of leading Government, Public Sector & Private Organizations.

ABOUT IEI
The Institution of Engineers (India) [IEI] is a statutory body to promote and advance the engineering and technology, established in 1920 and incorporated by Royal Charter in 1935. It is the largest multi-disciplinary professional body of engineers encompassing 15 (fifteen) engineering disciplines with a membership of more than 820 thousand, and serving the nation for more than 9 decades. The IEI has its headquarters located in Kolkata with national presence through more than hundred Centres and several Overseas Chapters, Foras and Organ. IEI, in collaboration with Springer, regularly publishes peer-reviewed international journal in five series, covering fifteen engineering disciplines.

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

Advisors:
Dr. N. Kumareshan, FIE, Chairman IEI/TLC
Er. A. Anand, MIE, Hon. Sec. IEI/TLC
Dr. S. Dharmalingam FIE, Past Chairman IEI/TLC

COURSE OBJECTIVES:
The objective of course is to provide knowledge of the latest art of technology in the field of Wireless/IoT/Cloud based industrial automation. Technical talk session shall be handled by the experts from Gantner Instruments India Pvt. Limited. Hands on training in subjects of Industrial IoT, PLC, DCS as well as process test rigs shall be provided.

COURSE COVERAGE
The topics proposed to be covered are as follows:
- Introduction and recent trends in Industrial automation
- PLC/SCADA/DCS/HMI
- HART/Field bus/Profibus/Wireless protocols for Industrial Automation
- Industrial IOT for Process automation
- Cloud based architecture of Industrial Automation.
- Simulation software based training on design of classical and advanced controller design for linear/non-linear processes

Industrial visit
Industrial visit to reputed firm and Seimens COE, NITT may be arranged during the workshop

Course material
The course material will be provided in CD format for the benefit of participants.
SPONSORSHIP CERTIFICATE
Dr./Mr./Mrs./Ms.------------------------------------
-------------------------------------- is an employee
of our institute and is hereby sponsored to
participate in the “RECENT TRENDS IN
INDUSTRIAL PROCESS AUTOMATION”
(RTIPA - 2019)” Workshop.

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

REGISTRATION

<table>
<thead>
<tr>
<th>Workshop</th>
<th>Academic Participants</th>
<th>R&amp;D And Industrial Participants</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 Days (01-02-2019 to 02-02-2019)</td>
<td>Rs. 1500 + 18% GST</td>
<td>IEI Member Rs. 2000+ 18% GST</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Non IEI Member Rs 2500+ 18% GST</td>
</tr>
<tr>
<td>5 Days (1-02-2019 to 05-02-2019)</td>
<td>Rs. 2500 + 18% GST</td>
<td>Rs. 4000+ 18% GST</td>
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</tbody>
</table>

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 course 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
Experts can be from NLC India Limited, Gantner Instruments India Pvt. Ltd., Yokogawa India Limited, Siemens Centre of Excellence (CoE), BHEL Trichy etc. and faculty members of NIT

IMPORTANT DATES

Last date for Receipt of application: **25-01-2019**
Acceptance Notification : **28-01-2019**

Application and Sponsorship certificate shall be neatly typed and sent to

**Dr. K. Srinivasan**
Co-ordinator – RTIPA 2019
Department of Instrumentation and Control Engineering
National Institute of Technology
Tiruchirappalli - 620 015
Tamil Nadu, India
Email: srinikkn@nitt.edu
Phone: 0431-25033 63

Please visit website for further updates.
URL: http://www.nitt.edu