CSIR Sponsored
A Two-Day Workshop on
"INTELLIGENT AUTOMATION USING INDUSTRY 4.0"
13 & 14 June 2018
Registration Form
(To be filled in block letter)

Name : ……………..

Department: ………………………………………………………

Gender : Male / Female

Designation :……………………………………………………

Organization :…………………………………………………

Address for Communication : ……....…………………………

……………………………………………………………………………

……………………………………………………………………………

Phone :…………………………………………........……………

Email id :……………………………......……...……………

Accommodation Required : Yes / No

Demand Draft Details :

DD No & Date :………………………….........…………...

Amount :……………………………………......…..

Bank Name :……………………...........……................

Date: Signature

DATES TO REMEMBER

Last Date for Registration : 05-06-2018
Notification for Acceptance : 06-06-2018

REGISTRATION FEE

PG Students/ Faculty : Rs. 250
Research scholars : Rs. 300

The registration form duly filled must be submitted along with DD in favor of "The Principal, Dr. Mahalingam College of Engineering and Technology" Payable at Pollachi.

ORGANIZING COMMITTEE

Dr. V. Lakshmi Narayanan, Prof, EIE
Dr. T. Gopalakrishnan, AP(SS), EIE
Mr. P. E. Kamalakkannan, AP(SS),EIE
Mr. K. Faisal, AP(SS), EIE
Ms. M. Deeparani, AP, EIE
Mr. P. Kathirvel, AP,EIE
Ms. V. Karpagam, AP,EIE
Ms. R. Baby Janagam, AP,EIE
Mr. L. Jayaraman, AP,EIE
Mr. U. Rajakanna, AP,EIE
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COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH
(CSIR)
Sponsored

NATIONAL LEVEL WORKSHOP
ON
"INTELLIGENT AUTOMATION USING INDUSTRY 4.0"

13.06.18 & 14.06.18

Convener
Dr. K.Vijayakumar
Co – convener
Mr. S. Anthony Jesudurai

Organized by

DEPARTMENT OF ELECTRONICS AND INSTRUMENTATION ENGINEERING

Dr. MAHALINGAM COLLEGE OF ENGINEERING AND TECHNOLOGY

Udumalai Road, Pollachi - 642 003, Tamil Nadu

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Fax : 04259 - 236070
E-mail : hod_ei@drmcet.ac.in
Website : www.mcet.in

ABOUT THE INSTITUTION

Dr. Mahalingam College of Engineering and Technology (MCET) was established in the year 1998 with a mission to impart high quality competency based education in Engineering and Technology to the younger generation to equip them with the required skills and abilities to face the challenging needs of the industry around the globe. MCET is an Autonomous Self-financing, Coeducational Engineering College and it is approved by the All India Council for Technical Education (AICTE), New Delhi and affiliated to Anna University, Chennai. The Institute has been accredited by the National Board of Accreditation (NBA) and NAAC with 'A' grade and is ISO 9001:2008 certified by TUV. The MCET currently offers 10 UG, 6 PG and 5 Doctoral programs in Engineering and Technology.

ABOUT THE DEPARTMENT

The Department of Electronics and Instrumentation Engineering started in the year 2011 is aiming to produce quality engineers with the knowledge of the latest trends and developments in Industrial Automation. The department provides a platform for the learners to equip themselves with the knowledge transferred from the faculty expertise, state of-the-art laboratory facilities and software. To meet the industrial requirements of future engineers, students are enriched with industry driven curriculum, Extra credit courses conducted by industry experts and value added programmes such as PCB Design, PLC, DCS, SCADA, HMI, LabVIEW, MATLAB, Embedded systems and Smart Sensors are offered.

OBJECTIVE OF THE WORKSHOP

The fourth industrial revolution (Industry 4.0) is in full swing, with innovative technological developments opening up exciting new opportunities virtually every day. And if you look under the hood, you'll see that the engine driving it all is automation technology, which is making industrial production a lot more efficient. Since the key to utilizing this technology will be highly trained technically skilled manpower, training and education in industrial automation technologies has become a critical issue in many fields of Engineering.

Keeping in view this requirement, we have designed a unique training program for the professional development of faculty of engineering colleges in our Nation. The major focus of the Automation with Industry 4.0 is on enhancing the practical knowledge and functional area expertise of the participants through intensive, focused, hands-on, and highly interactive training methodologies.

PROGRAMME EXPERTS

Sessions will be handled by Experts from reputed Institutions and hands on training will be done by Trainers from Bosch Rexroth, Bangalore and Germany.

CONTENTS

The workshop focuses on recent trends in Industrial Automation with Industry 4.0 and hands on practices in PLC, HMI and SCADA. This workshop gives complete idea for the following topic.

- Introduction to Industrial Automation
- Automation system with Industry 4.0
- Bosch Rexroth L25 PLC with Open core Engineering and Industry 4.0
- Hands on practices using L25 PLC
- Programming on IIoT
- Cyber physical system with data analytics
- Real time monitoring and control through remote monitoring systems

ELIGIBILITY

Faculty from AICTE approved Institutions and Industries with relevant background in ECE/EEE/EIE/ICE/MECH/Mechatronics branches are eligible for the programme.

BOARDING AND LODGING

Boarding and lodging will be provided to the participants in the college campus. Accommodation is free.