



Engineering Staff College of India

Autonomous Organ of The Institution of Engineers (India)

Old Bombay Road, Gachibowli, Hyderabad – 500 032. TS, India

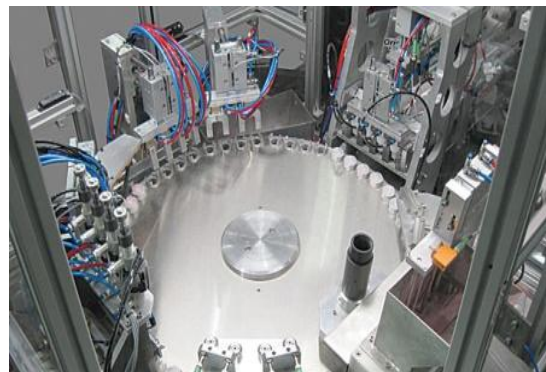


TECHNOLOGY & AUTOMATION DIVISION

Continuing Professional Development Programme on

Current Trends in Industrial Automation & Robotics

10 – 13 December, 2018



(An ISO 9001:2015 Certified, AICTE & CEA Recognized Institution)

Centre for Promotion of Professional Excellence

INTRODUCTION

Modern technology is unfolding by leaps and bounds – new innovations which make life more sophisticated both at the workplace and at home are compelling individuals to get continually updated. The subject of “Automation and Robotics” is a vital component of this modern technology. While automation in the fields of power generation, process industries, medical, mass manufacturing, utilities, services sector, etc is improving efficiency the same in nuclear and such other hazardous fields is inescapable.

A knowledge of the basics of automation and robotics together with the current trends is essential for identifying ripe areas in respective industries and implementing in a well concerted manner.

This programme takes the participants through an overview of evolution of automation, technological breakthroughs, control systems, live demonstration, case studies etc.

OBJECTIVE

- To provide an insight into the practical aspects of developing automation systems
- To sensitize the participants in the intricacies of implementing automation projects.

COURSE COVERAGE

- Automation - Basics & Evolution
- Technological Breakthroughs that facilitated Automation
- Basics and Evolution of Robotics
- PLC/DCS Control systems, Input / Output devices – An overview
- Low Cost Automation
- Live Demonstration of Automation
- Field Visit
- Case Studies
- Recommendations for Satisfactory Implementation

COURSE OUTCOME

The participants would gain ability to identify areas in their respective fields, where automation would be feasible leading to higher productivity. They would also be able to appreciate the quantum of preparatory/supplementary work that goes into successful implementation of automation projects.

METHODOLOGY

The programme will be conducted in an interactive environment providing greater scope for discussions. Emphasis will be on a highly participative style of learning. The classrooms are provided with latest audio – visual teaching aids. The ambience in the campus and classrooms facilitate effective learning by participants.

FACULTY

Apart from Core Internal Faculty, Consulting Firms, Government Organisations, Manufacturing, Academic and Research Institutions, etc will share the sessions.

TARGET PARTICIPANTS

Engineers, engineering managers, professors / technical staff from engineering colleges / institutes and supervisors of industries that involve high speed machinery,

who are responsible for design, new technology development, operation, production, automation, R&D and maintenance functions and play key roles in equipment upgradation and cost savings in their functional areas.

PROGRAMME VENUE, DATES & TIMINGS

Engineering Staff College of India (ESCI) Campus, Old Bombay Road, Gachi Bowli, Hyderabad - 500032, Telangana, India.

DATES

10 – 13 December, 2018

TIMINGS

On the first day registration will commence at 09:00 Hrs. On all other days the programme timings will be from 09:45 to 17:15 hrs with breaks in between for tea and lunch.

COURSE DIRECTOR

A Rameshwar Rao

Dy. Chief (A&P), ESCI

Retd. General Manager, NFC

COURSE ADVISOR

B Prahlad

Advisor, P&E Division, ESCI

Retd. Dy. CE, NFC

RESOURCE PERSON

V Sivananda Sastry

Sr. Consultant -Technology & Automation Division, ESCI

Ex Dy Chief Executive (New Equipment Development & Automation),

Nuclear Fuel Complex, Dept. of Atomic Energy, Hyderabad.

COURSE FEE

The course is essentially of “Residential” type and the fee is Rs 20,000/- (Rupees twenty thousand only) plus GST @ 18% payable per participant.

Group Discount: 10% discount for three or more participants if sponsored by the same organization.

(All discounts are applicable only if fee is received at ESCI a week before the commencement of the programme)

GST @18% (as applicable) is to be paid extra over and above the training fee. ESCI's **Provisional ID No. 36AAATT3439Q1ZV.PAN Card No. AAATT3439Q**;The course fee is to be paid in favour of “**IE (I) – ENGINEERING STAFF COLLEGE OF INDIA**” in the form of demand draft payable at Hyderabad.

Alternatively the payment may be made by **Electronic Fund Transfer (EFT) to ESCI – SB A/c No. 33705165550** with The SBI, Manikonda Branch, Gachibowli, Hyderabad – 500 032 by **NEFT / RTGS / IFSC Code No: SBIN0011076 – MICR No: 500002107**. While using EFT method of payment, please ensure to communicate us your company name, ESCI invoice reference and programme title.

Online registration is available on ESCI website, www.escihyd.org. To register manually, please send your nominations (**10 days prior to date of commencement of the programme**) giving details of name, designation, contact address, email address, mobile number, telephone and fax number of the participant along with the details of mode of payment of fee, addressed to:

Head, P&E Division

Engineering Staff College of India
Gachi Bowli, Hyderabad – 500 032
Phone: 040–66304155, Fax: 040 – 66304103
Email: ta@escihyd.org Website: www.escihyd.org

For registration please contact Smt. K Satya Lakshmi, Prog. Officer, Land Line No.040-66304155, Mob : 9966013930

CERTIFICATE: A certificate of participation will be awarded to each participant on conclusion of the programme.

GENERAL INSTRUCTIONS

- ESCI encourages participants to present case studies from their respective organizations.
- For the convenience of the outstation participants ESCI will arrange pickup and drop from Airport / Railway Station / Bus Stations, on chargeable basis, if travel plans are received by fax or email at least 3 days in advance along with mobile number. The charges shall be paid by the participants directly to the cab driver.
- ESCI provides complimentary accommodation to participants a day prior to the commencement and after the conclusion of the programme. (Check in at 12:00 hrs a day prior to the commencement & check out at 12:00 hrs a day after completion of the programme)
- Overstay charges of @ Rs.990/- per day / per head including hospitality (Bed Tea / Coffee & Dinner) will be charged.
- Well developed Information Centre and Internet facilities are available to the participants free of cost.