



Online Industry Internship on "Industrial Automation Solution Through Fluid Sim, Codesys and Ciros - A Modular Production Approach"

Date : 2 to 14 November, 2020

Time :1430 Hrs to 1700 Hrs

INTRODUCTION

Industrial Automation business offers a range of solutions for process and hybrid industries, including our industry-specific integrated automation, electrification and digital solutions, control technologies, software and advanced services, as well as measurement. Industrial Automation is 2nd in the market globally. Knowledge of Industrial Automation solutions is a key skill what industries look for in a candidate. Keeping this in view, Indian Machine Tool Manufacturers' Association (IMTMA) is organizing an Online programme on "Online Industry Internship on "Industrial Automation Solution Through Fluid Sim, Codesys and Ciros - A Modular Production Approach"

This course provides an overall exposure to the technology of Industrial Automation and Controls as widely seen in factories of all types both for discrete and continuous manufacturing. The course also discusses a wide range of Industrial Automation topics like architecture of automation systems, measurement systems including sensors and signal conditioning, discrete and continuous variable control systems, pneumatic and electric actuators and industrial communication. Also this program will give an overview to handle an industrial automation project through virtual practice.

FOCUS AREAS

- Mechanical aspects of Industrial Automation
- Overview of Industrial control system
- Pneumatics and its Application
- Electrical Drawings and Switchgears
- Power & Signal Connections
- PLC and Display technologies (HMI)
- Variable Frequency Drive (VFD)
- Virtual Live Project on Modular Production system

KEY TAKE AWAYS

- Macro Level Understanding of Industrial Automation Technology
- Automation Configuration & Programming
- Configure suitable automation for given process requirement
- Comprehensive Knowledge and Proficiency with building blocks of industrial automation
- Process and standard practices to plan/build/commission an automation project
- Control logic development and system integration
- Practical approach to come up with appropriate technology solution
- Ciros Software will be provided during the training

FEE PER PARTICIPANT (PER LOGIN)

Rs. 15000/-

IMTMA Members/ Micro Companies/
IMTMA Non Members/ Others

Rs. 6000/-

Individuals

+ 18% GST

Rs. 3000/-

Educational Institutions / Students

FACULTY

Mr. H V Rajashekara, Advisor IMTMA

He has over 27 years' experience on Machine design and development from HMT Bangalore and Johnson Electric Group, Hongkong along with 7 years' experience from training at IMTMA.

Mr. Avinash Khare, Consultant, IMTMA

Presently working as a Consultant Head for IMTMA Pune Technology Centre for last 5 years; he has been designing, developing content and delivering a wide range of Training Courses as a Faculty. He is Electrical Engineer by Qualification and he has worked for over 33 years at Tata Motors Pune in various capacities ranging from R&D in Industrial Electronics, Machine Maintenance, Technology Procurement, Head of Machine Shops, Tool Room Shop Head, Head of Die Design and Champion in Business Excellence. He has taught Instrumentation and Bio-Medical Instrumentation at Pune University as part-time faculty.

M. Maheswaran, Senior Executive Officer, IMTMA

He is having more than 12 years of experience in Technical Training and has acquired expertise in CNC manufacturing and Automation in the precision manufacturing of components as well as experience in conducting training programs. Prior to working at IMTMA, he has worked at NTT

Mr. Anil Kumar Meti, Executive Officer IMTMA

He is having more than 08 years of experience in Configuring Automation to various Process industries and SPMs. Prior to working at IMTMA, he has worked at Hunet, CS Aerotherm and RR Steels as Automation Engineer.

For Registration Contact

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