

INTRODUCTION

Modular Articulating Arm type Robots are often treated as a commodity which could be just bought, programmed and deployed into just about any Automation application. While this is partly true; it severely restricts the application of Robots into mostly “Pick and Place” kind of fixed automation. But then automation is not just “material handling” ; there is vast range of “process automation” for welding, painting, laser cutting etc. each with very special requirements, which must be implemented through customized Robotic Automation. Engineers who deal with Robots generally do not know the process requirements and engineers who know process are not Robot savvy.

In order to bridge this knowledge gap; IMTMA is organising an online training on Manufacturing Automation using Robots.

FOCUS AREAS

- Robotic vs Non-Robotic Automation
- Material Handling Automation
- Press Line Automation
- Sheet Bending and Cutting Automation
- Robotic Applications in Laser Cutting / Welding / Hardening / Cladding Processes
- Robotic Welding & Joining Automation
- Warehouse Automation
- Assembly Line Tending
- Machining with Robots
- Robotic Inspection & Metrology
- Painting Robots

KEY TAKE AWAYS

- Specific requirements of various processes
- Concept of Ride-ON axis
- Fixed vs Adaptive Control
- Types of Robots
- Application Examples

FEE PER PARTICIPANT (PER LOGIN)

Rs. 5500/-
+18% GST
**IMTMA Members/ Micro Companies/ Individuals/
Educational Institutions / Students/ IMTMA Non
Members/ Others**

USD 220/-
Overseas Participants

Group Concession : 10% for 3 to 5 and 30% for 6 and more delegates being nominated from the same company

FACULTY

This programme will be conducted by **Mr. Avinash Khare, Mr.Yogesh Kumar** and **Mr. Ghosh**.

Mr. Avinash Khare is presently working as a Consultant Head for IMTMA Pune Technology Centre for last 5 years ; he has been designing, developing content and delivering 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.

Mr Yogesh Kumar has over two decades of hands-on experience with robotic automation, having worked with Fanuc India - Indian subsidiary of Fanuc Japan, renowned for their product line up in CNCs, Robots and Robomachines. He started his career as a freshman at Fanuc India and at the end of his tenure here he was managing the Robot System Engineering Business Unit. Later he co-founded DIFACTO ROBOTICS AND AUTOMATION in the year 2007 to offer the industrial robotics and automation solutions to manufacturing industries based out of India and globally offering industrial robot to the Automotive, railway, construction equipment, pharma and energy sector. As the Chief Operations Officer of DiFACTO, Yogesh is responsible for successful and profitable running of the business and handles, Sales, Domestic Operations and Overseas Projects.

Mr Yogesh Kumar holds a Diploma in Tool and Die Making from NTTF. He is a BITS - Pilani (Birla Institute of Technology and Science) Alumnus and holds a Bachelor's degree in Engineering Technology. He is currently pursuing his MBA in Business Analytics from BITS-Pilani.

Mr. Ghosh has over two decades of experience He currently works in the capacity of DGM in the Production department at TVS Motor Co, Hosur, He carries expertise in Design and development of all kind of SPM’s and GPM’s, primarily for IN- house requirement, Robotic Automation (Machining cell, Assembly, Material handling), Low cost Automation and Factory Digitalization. Prior to TVS, he was associated with BIESSE Manufacturing Bangalore, Italian MNC, 2nd largest Wood working Machine Co as a Technical head for a period of 4 years.

Mr. Ghosh holds a BS in Engineering Technology (BITS Pilani) and a Post diploma In Tool & Die making (NTTF, Bangalore)

For Registration Contact

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