Manufacturing Technology Training
An IMTMA initiative

INDUSTRY 4.0 CHAMPIONSHIP PROGRAM
Date : 11 to 12 September, 2025
Venue : IMTMA Technology Centre, Bengaluru

INTRODUCTION

The focus on modernizing manufacturing operations has accelerated with the availability of several technologies. Prominent among them are additive manufacturing, autonomous robots, augmented reality, big data analytics, cloud computing, industrial internet of things, solid-state sensors etc. This has enabled opportunities for automation, remote & self-monitoring, and the development of systems that sense, diagnose, and predict manufacturing issues.

This learning intervention will help companies to explore, identify and drive innovations in manufacturing by developing a cadre of Industry 4.0 Champions. These Champions would design, develop, and demonstrate an implementable solution to an opportunity identified by their company or the business / plant head.

Keeping this in view, Indian Machine Tool Manufacturers' Association is organising a training programme on **"INDUSTRY 4.0 CHAMPIONSHIP PROGRAM".**

FOCUS AREAS

- OT Infrastructure and OT - IT Integration
- IT Infrastructure and Cloud Computing
- IIoT Platforms
- Data Driven Enterprise Architecture
- Industrial Data Science Essentials and Application
- Digital Twin
- Immersive Technologies / Extended Reality
- Autonomous Mobile Robots
- IIOT Operations, Maintenance and Change Management
- Data Governance and Cyber Physical Security
- Digital Job Card Management
- OEE Monitoring & Downtime Management
- OLE Monitoring
- Digital Quality
- Product Traceability
- Smart Asset Maintenance-1
- Smart Asset Maintenance-2
- Energy and Utility Monitoring & Analytics
- Data Driven Knowledge Based Engineering
- Smart Connected Product
- Assessments &
- Industry 4.0 Transformation Readiness Report Preparation

KEY TAKE AWAYS

After undergoing the programme, the participants will be able to understand and decide the following:

- Awareness and experiential learning of Industry 4.0 use cases & technologies
- Live and interactive demonstrations with user flow, benefits & outcomes
- Digital Readiness Check
- Machine Assessment & Skill Assessment
- Discover possible areas of digital and robotics implementation.
- Work hands-on to prepare roadmap for Industry4.0 transformation.
- Develop confidence to implement Industry4.0 principles in manufacturing operations.

PARTICIPATION FEE

Rs. 10450/-
+18% GST
IMTMA Members/ Micro Companies/ Individuals/ Educational Institutions / Students/ IMTMA Non Members/ Others

USD 415/-
Overseas Participants

Group Concession : 10% for 3 to 5 and 20% for 6 and more delegates being nominated from the same company

PARTICIPANT PROFILE

This course is ideal for those who are responsible for the implementation of industry digitization and maintenance.

- Managers/ Senior Managers of Manufacturing industries
- Managers/ Senior Managers from Operations, Quality, Supply Chain, IT, etc.
- Engineers who have the role of Enabling Industry4.0 in manufacturing industries.
- Production Engineers/ R&D Engineers/ Shop-floor Supervisors
- Professors/ HOD

FACULTY

This program will be conducted by Mr. Surendran D, Mr. Gift Selvin T, Mr. Jeno Rex Antony S & Mr. Madhusudan G.

Mr. Surendran D, Director for India Operations Maxbyte Technologies. An expert in PLM, Design Automation and Industrial IoT. Key focus areas include industry 4.0 maturity transformation, implementation methodologies, knowledge-based engineering, adaption strategies, risk management, success management and talent capability building.

Mr. Gift Selvin T, Director for Learning Maxbyte Technologies. Expert in Modbus and MQTT protocol connectivity and troubleshooting. Experienced in middle-ware and field connectivity and also in communication protocol driver creations like python and JavaScript.

Mr. Jeno Rex Antony S, Sales Director Maxbyte Technologies. Expert in Discrete and process automation, solution designing, business analysis, costing structure. He is the Sales Director at Maxbyte and helps customer by effectively designing Industry 4.0 solutions, providing systematic guidance, and developing a roadmap to create incremental business value across the customer journey in digital.

Mr. Madhusudan G, Product Owner - byteFACTORY Maxbyte Technologies. Expert in product development and skilled in manual software testing, project management and client-people handling. Engaged with Industry Digital Transformation Maturity Assessment for industries.

For Registration Contact

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REGISTRATION : Prior registration for participation is necessary. Number of participants is limited and will be accepted on 'First Come First Serve' basis. A Certificate of participation will be issued to participants.
Important Information : Participation fee includes, course material, working lunch and tea / coffee. Interested companies are requested to register online by clicking on 'REGISTER' button and by filling up the nomination authority and participant's details in specified form.