INDUSTRY 4.0 CHAMPIONSHIP PROGRAM
Date : 19 to 20 June, 2025
Venue : Indian Machine Tool Manufacturers Association, Chennai

Manufacturing Technology Training
An IMTMA initiative

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 along with AMTDC-Chennai is organising a training programme on **"INDUSTRY 4.0 CHAMPIONSHIP PROGRAM"** at **Advanced Manufacturing Technology Development Centre (AMTDC),** Ground Floor Block 'B', IIT Madras Research Park, Kanagam Road, Taramani, Chennai - 600 113.

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/-	**USD 415/-**
+18% GST	**Overseas Participants**
IMTMA Members/ Micro Companies/ Individuals/ Educational Institutions / Students/ IMTMA Non Members/ Others	

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. Jeno Rex Antony S, Mr. Vikram Govardhanan & Mr. Kannapiran Eswaran.**

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. Vikram Govardhanan, Principal Architect - Smart Manufacturing Maxbyte Technologies. A Passionate Digital Transformation Professional with over 15 years of Experience in the Manufacturing Domain Empowering Companies with Solutions through Customer Focused Strategy at Maxbyte.

Mr. Kannapiran Eswaran, Digital Transformation Trainer Maxbyte Technologies Pvt Ltd, Expert in providing training on Discrete and process automation, Industry 4 0 digitization applications and their associated solutions, Renewable energy systems, EV chargers, and sustainability He also provides a comprehensive strategy to enhance business value across the digital landscape.

For Registration Contact	**Contact Address**
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