Manufacturing Technology Training
An IMTMA initiative

Adopting Agentic AI in Manufacturing
Date : 3 to 4 September, 2026
Venue : IMTMA Technology Centre, Bengaluru

INTRODUCTION

Enabling Manufacturing Leaders to Harness AI—Without Coding or Statistics

Artificial Intelligence is rapidly reshaping manufacturing, but its true value lies not in replacing people—it lies in empowering domain experts to make faster, smarter, and more confident decisions. The next generation of Agentic AI enables production and manufacturing leaders to solve complex business problems using natural language, process knowledge, and data, without requiring expertise in programming, statistics or data science.

FOCUS AREAS

The D2P2 Framework: A Practical Approach to AI

Traditional reports and dashboards tell us what we already know. Agentic AI goes much further by following the D2P2 approach:

- Discover – Identify hidden patterns, anomalies, correlations, and opportunities that are not visible through conventional reports.
- Diagnose – Validate discoveries, investigate root causes, and distinguish meaningful insights from noise to support informed decisions.
- Predict – Forecast future outcomes such as equipment failures, quality issues, production delays, demand changes, or inventory requirements before they occur.
- Prescribe – Recommend the best course of action by suggesting process improvements, operational interventions, and optimized decisions to achieve desired business outcomes.

The D2P2 framework transforms AI from a reporting tool into a decision intelligence partner.

KEY TAKE AWAYS

Participants will learn how to:

- Apply the D2P2 **(Discover-Diagnose-Predict-Prescribe)** framework to real manufacturing challenges.
- Identify high-value AI use cases across manufacturing operations.
- Leverage an Agentic AI platform with zero knowledge of coding or statistics.
- Build confidence in using AI as a trusted partner for operational and strategic decision-making.

PARTICIPATION FEE

Rs. 4999/-	Rs. 2500/-	Rs. 999/-	USD 200/-
+18% GST	+18% GST	+18% GST	
IMTMA Members/ Micro Companies/ Individuals/ IMTMA Non Members/ Others	**Professors**	**Student**	**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 program is designed exclusively for functional and domain professionals, including:

- Production Heads
- Manufacturing Heads
- Plant Managers
- Quality Leaders
- Operations Managers
- Supply Chain Leaders
- Maintenance Managers
- Business Decision Makers

An Agentic AI platform understands both business processes and manufacturing domain knowledge. It enables users to interact with AI in business language, automatically perform sophisticated analysis, and deliver recommendations that are practical and actionable.

The future of manufacturing belongs to organizations where domain expertise and Agentic AI work together—turning data into decisions and decisions into measurable business value.

FACULTY

This programme will be conducted by, IMTMA Subject Matter Expert.

He is AI implementation advisor at Numentrix Consulting. He is a Post Graduate in Maintenance Engineering and his PhD is in building Decision Support systems for Manufacturing. He is recognized as one of the top 10 experts in Data Science by Analytics Magazine, India. He has more than 25 years of experience in the development of AI based systems for manufacturing, telecom, health care and Process industries.

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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.