Manufacturing Technology Training
An IMTMA initiative

Demystifying Industry 5.0 and how it could affect manufacturing
Date : 23 to 24 September, 2025
Time : 0930 Hrs to 1330 Hrs (Online Mode)

INTRODUCTION

While Industry 4 / Smart Manufacturing and Digitalization has been around for some time and Indian Industry has understood and appreciated the related imperatives quite well. Industry 5.0 is there now on the horizon advocating synergy of men and automation; but it is lesser understood as regards what, why, how, what if ... so when also remains hazy. To bridge this gap of awareness IMTMA is planning a one-day course for brining clarity at concept level.

FOCUS AREAS

- How is Industry 4.0 different from Industry 5.0?
- What is holding back Industry 4.0 in the Indian context and what are the success stories?
- Main features of Industry 5.0 and why it is more suited for the Indian context?
- How could machines adapt to human instead of other way round?
- Why application of AI-ML is inevitable for Industry 5.0?
- Applications of AI-ML in manufacturing

KEY TAKE AWAYS

- Where Industry 5.0 is applicable with major advantage?
- Where do we stand at present and what are the gaps?
- Use of Augmented Reality, Virtual Reality and Mixed Reality
- Examples of synergy of men and automation from manufacturing industry
- Where AI-ML is falling short?
- Steps MSMEs can take to pull Industry 5.0

FEE PER PARTICIPANT (PER LOGIN)

Rs. 7500/-
+18% GST
IMTMA Members/ Micro Companies/ Individuals/ Educational Institutions / Students/ IMTMA Non Members/ Others

USD 300/-
Overseas Participants

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

PARTICIPANT PROFILE

CEOs, Decision Makers, Automation Buffs, Productivity champions, Equipment Planners, Academia, AI-ML fraternity , MSMEs where manual work is substantial, avid technocrats

FACULTY

This program shall be delivered by **Mr Avinash Khare.**

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.

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REGISTRATION : Prior registration with an online advance payment is must. Number of participants is limited and will be accepted on 'First Come First Serve' basis. A Certificate of participation will be issued to participants.