Manufacturing Technology Training
An IMTMA initiative

Value Stream Mapping – Real time implementation – Hands on workshop
Date : 17 to 19 June, 2025
Venue : IMTMA Technology Centre, Bengaluru

INTRODUCTION

The first step to enhance the process efficiency and quality of a Value Stream is to identify the waste in the process. Identification and elimination of Waste is the main objective of the Toyota Production System.

Value Stream mapping aims to see flow of material and information across value stream, identify both Value added / Non-Value added activities and wastes in the flow. It enables the organization to focus on main priorities to achieve its goals.

Elimination of waste requires a stepwise approach, in synchronization with the guidelines for creating a Lean Value Stream. It enables to begin the journey towards waste reduction. Then by implementing various guidelines and tools of Lean Manufacturing we design, develop and achieve much better Value stream.

Keeping this in view, IMTMA is organizing a training program on **Value Stream Mapping with case studies and examples**.

FOCUS AREAS

- Essential Elements of the Toyota Production System.
- Concept of Waste, Seven Types of Waste.
- Value Add/Non-Value Add and Essential Non-value Add
- Five Lean Principles.
- Guidelines to create a Lean Value Stream.
- Numerical examples on VA/NVA, FTT, Takt Time and single piece flow
- Three case studies from different industry sectors
- Creating “AS IS” mapping
- Creating “TO BE” Value Stream Mapping
- Assignments to create AS IS and TO BE for specific projects
- Discussion on assignments

KEY TAKE AWAYS

At the end of this program, the participants shall be able to:

- Understand the TPS Operational Excellence Framework.
- Guidelines to create a Lean Value Stream.
- Learn tool kit and develop skills to make a current state “AS IS” VSM
- Learn tool kit and develop skills to draw the desired state “TO BE” VSM
- Learn to draw the “AS IS” and the “TO BE” Maps.
- Ask pertinent key questions on the “AS IS” state before visioning the “TO BE” State.
- Product Family Matrix.
- Material and Information flow VSM icons.

PARTICIPATION FEE

Rs. 13750/-
+18% GST
IMTMA Members/ Micro Companies/ Individuals/ Educational Institutions / Students/ IMTMA Non Members/ Others

USD 550/-
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 targeted for Managers and Engineers from Design, R&D, NPD, Manufacturing Engineering, Production and those who would like to implement Operational Excellence. It will also benefit managers and quality supervisors from machine tool, automobile and auto ancillaries, toolrooms, aerospace and general engineering.

FACULTY

This program will be delivered by Mr Anand Deshpande

He is an experienced Operational excellence professional with:

- A degree in Production engineering and an MBA from HULT International business school
- Total 30 years of experience, including 14 years of global experience and 11 years of consulting experience.
- Global experience in Operational Excellence and leading practitioner of LEAN.
- Work experience with the likes of Ford Motor Company, Dell, Philips and Deutsche Bank Operations International.
- Author of the book: ‘Making Apparel Manufacturing Lean’.

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.