Manufacturing Technology Training
An IMTMA initiative

Materials Management and Inventory Control
Date : 8 to 9 July, 2025
Venue : Indian Machine Tool Manufacturers Association, Chennai

INTRODUCTION

Material cost comprises of the biggest pie of the total cost for most manufacturing companies. Demand of the revenue stream is that – we maintain stock of all materials – Direct and Indirect, FG and RM and more. Limitations of scarce money available for running the business forces us to have as little inventory as possible. To be successful we need to understand the science of – how much is enough and how much is too much. The training session is designed to impart knowledge of most successfully used tools in procurement and manufacturing world. Armed with this knowledge, one can confidently order what needs to be and when needs to be.

This will also help the procurement team to significantly contribute towards improvement of ROCE.

Keeping this in view, Indian Machine Tool Manufacturers' Association along with AMTDC-Chennai is organising a training programme on **"Materials Management and Inventory Control"** at **Advanced Manufacturing Technology Development Centre (AMTDC),** Ground Floor Block 'B', IIT Madras Research Park, Kanagam Road, Taramani, Chennai - 600 113.

FOCUS AREAS

- Introduction
- Inventory Turnover Ratio / DSI
- Inventory management through ABC, FSN, VED analysis (Exercise)
- Strategy for optimum inventory management
- Safety stock – How to calculate (Exercise)
- JIT, KanBan, Supermarket, VMI
- How much to Order, EOQ (Exercise)
- Logistic Management
- Safety stock through KanBan loops
- Levelled production (Heijunka), levelled ordering
- Drum – Buffer Rope, Syncro ordering, Premium freight
- Supplier selection
- Pricing
- “Should” costing – Objective, Methodology, Advantages, Prioritisation

Exercises:

- Classroom analysis categorization of ABC, FSN & VED
- Calculation of Safety Stock
- Calculation of Order quantity & MOQ
- Prioritization matrix

KEY TAKE AWAYS

After undergoing the programme, the participants will be able to -

- Clarity on what to order and how much to order
- Understanding of various tools such as – ABC/FSN/VED, KanBan, Super Market, EOQ, etc
- Better contribution to the organisation through reduced working capital & pricing

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

Target functions: Purchase, PPC, Production, Stores, and Maintenance team

FACULTY

The program shall be delivered by **Mr. Shashiprakasha L S,**

Mr. Shashiprakasha L S, is a Mechanical Engineer & MBA with 40 years of experience in all manufacturing functions – across Automotive, Non-Automotive (Precision Engineering, Heavy Engineering, Capital Equipment Polymer Industries). He has been a Lean Practitioner since the year 2000. He has worked as COO & CEO in multiple organizations including MNCs and reputed Indian companies, for over a decade.

Having implemented Lean and ToC techniques across different Industries, he was featured in Business Today for effecting turnaround from a very difficult industry and was called ‘Josh Machine’. He has authored a book titled – ‘A Journey from Impossible to I’m Possible’ which is under release currently. He is a good orator and has a penchant for teaching concepts through stories and anecdotes.

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.