Manufacturing Technology Training
An IMTMA initiative

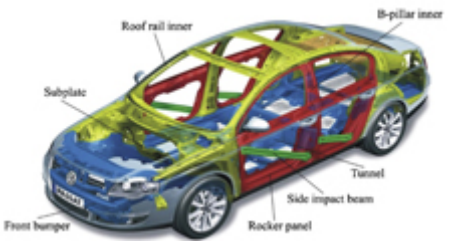
Primer Course on Sheet Metal Forming Technology
Date : 12 to 13 March, 2025
Venue : IMTMA Technology Centre, Pune

INTRODUCTION

Metal forming technology, over the last few decades has gradually revolutionised and redefined concepts of manufacturing quality products at lower cost, both in high and low volumes, leading to greater flexibility in manufacturing of finished goods. Recent processes have stretched the technology frontier to greater lengths, providing a competitive edge to corporations in the business of manufacturing.

Sheet Metal Forming Technology plays a crucial role in a variety of product segments like automobiles, auto-components, consumer durables and other sheet metal products for delivering high quality products.

FOCUS AREAS



- Mechanics of Sheet Metal Forming
- Description & Measurement of Sheet Metal Properties
- Forming grade steel sheets: Properties and Applications
- Sheet Metal Formability
- Overview of Die Design
- Common Sheet Metal Forming defects, causes & remedies
- Hydro forming and applications
- Simulation and Analysis of Sheet Metal Forming

KEY TAKE AWAYS

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

- Learn about the fundamentals of Mechanics of Sheet Metal Forming.
- Understand the concepts of forming limit diagram and its applications.
- Learn about the properties and applications of Forming grade steel sheets used in industries.
- Identify common defects encountered in sheet metal forming and remedies.
- Go through Demo and Realise the benefits of using software for simulation / analysis of sheet metal forming.

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

This programme will benefit Designers of sheet metal parts, Tooling and Machines, Process Engineers, R&D specialists and others involved in sheet metal working, users and manufacturers, from Machine Tool, Automobile & Auto Ancillaries, Consumer durables, White goods, Tool Rooms, Aerospace, Defence & Railway establishments, General Engineering.

The course will also help manufacturing personnel to enhance their knowledge base and awareness about the metal forming technology.

FACULTY

This programme will be conducted by **Mr. Avinash Khare.**

Mr. Avinash Khare is Former Asst. General Manager at Tata Motors, Pune. He has 33 years of experience in various functions involving Technology Development, Maintenance, Capex and resource management, Die Design and Business Excellence. Now he is working with IMTMA as a Consultant & Head of Technology Centre on Metal-forming.

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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.