Manufacturing Technology Training
An IMTMA initiative

Advanced Technologies in Sheet Metal Forming
Date : 12 to 14 March, 2024
Time : 1340 Hrs to 1700 Hrs (Online Mode)

INTRODUCTION

The multiple facets of modern sheet metal forming techniques are applied throughout a wide spectrum of economy, ranging from the automotive industry and machine manufacturing to electrical engineering and electronics. Comparing to conventional manufacturing, advanced sheet metal forming methods offer several advantages, such as decrease in sheet part cost, tool cost and product weight, improvement of structural stability and increase of the strength and stiffness of the formed parts, more uniform thickness distribution, fewer secondary operations, etc.

The automotive industry is the main impetus worldwide for new developments as is seen in its efforts to optimize lightweight constructions coupled with high strength. Now a days, Simulation / CAE Tools are increasingly used to develop the product and process, replacing lengthy trial and error processes on real prototypes.

This programme will introduce and provide overview of host of advanced and future technologies that are available and are being developed in the area of sheet metal forming.

Keeping this in view, IMTMA is organising an online training on Advanced Technologies in Sheet Metal Forming.

***Note: Participants may consider either of the following options to register:**

Option 1: Entire module (**Advanced Technologies in Sheet Metal Forming**) of 09 Hrs duration (12,13,14 March 2024). **Click here** to register

Option 2: Individual Modules of Sheet Metal Forming:-

Module 1: Manufacturing Technologies with Advanced High Strength Steels (AHSS) (12 March 2024), Click here to register

Module 2: Fluid Forming Technologies (13 March 2024), Click here to register

Module 3: Incremental Forming (14 March 2024), Click here to register

FOCUS AREAS

- Update on Material Technology
- Challenges of AHSS and Hybrids
- Hydroforming of Sheets and Tubes
- Superplastic Forming and Diffusion Bonding
- Electro Magnetic Forming and Laser Assisted Forming
- Hot Stamping
- Incremental Forming
- Spinning, Flow Forming and Roll Forming

KEY TAKE AWAYS

- Insight about newer possibilities of sheet metal forming
- Understanding about types of hydroforming and its applications
- Knowledge about role of hot forming in automotive applications

FEE PER PARTICIPANT (PER LOGIN)

Rs. 8500/-
+18% GST
IMTMA Members/ Micro Companies/ Individuals/ Educational Institutions / Students/ IMTMA Non Members/ Others

USD 340/-
Overseas Participants

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

FACULTY

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

Mr. Avinash Khare is presently working as a Consultant and 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.

For Registration Contact

Preetham
Programme Coordinator
9845648940
preetham@imtma.in
Back End Operations
9742626488
enquiry@imtmablr.com

Contact Address

INDIAN MACHINE TOOL MANUFACTURERS' ASSOCIATION
Plot 249F, Phase IV, Udyog vihar,Sector - 18,
Gurgaon - 122015
Tata no- +91-124-6463101
Tel : 0124 4014101 - 04
Fax : +91-124-4014108

imtmatrainning.67038796@hdfcbank

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.