Manufacturing Technology Training
An IMTMA initiative

Design of Stamping Dies for Sheet Metal Parts
Date : 27 to 28 May, 2025
Venue : IMTMA Technology Centre, Pune

INTRODUCTION

Set of Stamping Dies or Press Tools forms a vital, costly and time consuming element in the entire sheet part manufacturing process chain. Die Design defines the product quality, operating economics and productivity of mass manufacturing organization.

Not only Stamping Die Design is being inadequately covered in most academic curricula; the coverage is too simplistic, academic and focused on specific CAD tool, making it largely a desktop event. It is generally not possible to cover the practical industrial part complexity, desired quality level and performance requirements.

Keeping this in view, IMTMA is organising a training program on "**Design of stamping dies for sheet metal parts".**

FOCUS AREAS

- Formability properties of sheets
- Defects and their acceptance standards
- Die Designer Inputs from Presses and Press Lines
- Sheet Metal Component Production Method Plan & Constraints
- Type of Dies for various operations
- Component / Elements which go in a Die –
- Die Design Standards
- Die Design Process

KEY TAKE AWAYS

- Holistic end to end view of total Die Design process chain
- Know the required design inputs
- Get a feel of “DIY (do it yourself)” Die Design for various type of Dies
- Know the constraints and performance requirement
- Know the defects and design refinement loop
- Get an idea of Die manufacturing process and DFM for Dies
- Know how the Dies are checked

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

FACULTY

This program will be conducted 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.

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.