



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
- **Tool Room Visit with Live Demo on Design process for various type of Dies for a sample part**

KEY TAKE AWAYS

- **Session on Autoform Simulation**
- **Session on Modular Die Aggregates from Fibro**
- 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. Pravin Deore**.

Mr. Pravin Deore has completed his MS from Warwick University, UK. He has more than 23 years of experience in press tool industry, which includes 17 years in press tool design and rest is in manufacturing & try-out. He has worked with Mahindra & Mahindra for 13 years at the position of Deputy Manager Design. At Godrej Tooling, he is working as Head of Press Tool Engineering. During his tenure of 9 years, Godrej Tooling has successfully included HSS parts & Skin parts into their portfolio

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.