

## INTRODUCTION

A big proportion of professionals working in Sheet forming have learn't the tricks of the trade and the do's & don'ts the hard way, through years of painstaking experiential learning. The onslaught of new technology and materials in this domain has been so rapid that there is a dire need for a short capsule covering the basics, new technologies along with practical aspects of meeting the taller demands on quality and process performance.

In order to address this requirement; Indian Machine Tool Manufacturers' Association (IMTMA) is organising a six hour online Primer course in Sheet metal forming.

## FOCUS AREAS

- Basics of Sheet Forming
- Formability properties of metal sheet, Simulation
- Cutting and Forming through Non-Stamping route
- DFM rules for sheet parts
- Type of Stamping Dies, their manufacturing process
- Sheet part joining techniques
- Role of sheet metal (BIW) Fixtures
- Basics of Presses and Press Automation
- Typical defects in sheet parts with root causes
- Inspection of sheet parts and acceptance norms

## KEY TAKE AWAYS

At the end of the program, the participants shall be able to understand:

- Sheet formability fundamentals
- New sheet metal materials
- Considerations of part design, process design and tool design
- New Technology trends in automotive industry
- Advantages and challenges in adopting new technology / materials

## FEE PER PARTICIPANT (PER LOGIN)

**Rs. 5500/-**  
+18% GST  
**IMTMA Members/ Micro Companies/ Individuals/  
Educational Institutions / Students/ IMTMA Non  
Members/ Others**

**USD 220/-**  
**Overseas Participants**

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

## FACULTY

This program shall be delivered by **Mr. Avinash Khare**.

**Mr. Avinash Khare** is presently working as a Consultant Head for IMTMA Pune Technology Centre for the last 5 years; he has been designing, developing content, and delivering a 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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