Manufacturing Technology Training
An IMTMA initiative

Design and Processing Techniques for Plastic Parts
Date : 21 to 22 December, 2021
Time : 1340 Hrs to 1700 Hrs (Online Mode)

INTRODUCTION

Plastic parts are found in a wide range of products such as Automobiles, Electronics, Consumer goods and many other products.
Plastic parts can be manufactured in extremely high volumes depending on their usage and there are different types of processing techniques to meet such requirements. Hence a plastic part designer has to keep in mind operational and manufacturing considerations while designing plastic parts. Knowledge of different material formulations alongwith efficient processing techniques helps designers to design plastic parts to meet functional and aesthetic requirements.

FOCUS AREAS

- Types of plastic materials and selection of the right materials
- Types of moulds used for producing plastic parts
- Plastic processing techniques
- Equipment required for plastic part processing
- Defects and ways to overcome defects

KEY TAKE AWAYS

- Gives product designers an insight into manufacturability considerations to be followed during product design
- Understand plastic part defects due to design issues
- Ways to optimize part designs from production point of view

FEE PER PARTICIPANT (PER LOGIN)

Rs. 4500/-
+18% GST
IMTMA Members/ Micro Companies/ Individuals/ Educational Institutions / Students/ IMTMA Non Members/ Others

USD 180/-
Overseas Participants

Group Concession : 20% for 3 to 5 and 30% for 6 and more delegates being nominated from the same company

FACULTY

The program shall be delivered by Mr Joseph Abraham, a professional with more than 38 years of experience in Tool Designing & Manufacturing, Plastic injection Moulding, Training, Quality Management and Product design & Development.

He worked as a Vice-Principal with NTTF. He has worked as a Tool Room Manager with several organizations such Balda Solutons,Malaysia, BPL Tool room, Bangalore and Tool Product Singapore. He currently provided training and tooling consultancy to several small scale industries.

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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.