Manufacturing Technology Training
An IMTMA initiative

Hot Forging Technology - Processes, DFM, Quality and Cost Considerations
Date : 2 to 3 September, 2026
Venue : IMTMA Technology Centre, Pune

INTRODUCTION

Forging is in a transition from black smithy to modern technology led manufacturing. Forging finds its use in various industries and has several applications using different metals and alloys. Forging cannot be substituted due to its strength properties. Since Forging is energy and cost intensive process it is important to understand the basics and modern methods to make forging a very competitive technology.

This program covers the basics of forging technology to modern manufacturing , engineering and quality aspects and modern concepts of CAE and IOT also will be dealt with as the new generation forging is about complex shapes , complex practices which eventually make forging competitive.

Indian forging Industry is fragmented into the top 5 companies which are technology led and the rest which are not at par with world class practices. This program shall be an eve opener for many agencies and associates of forging products and technology.

Keeping this in view IMTMA is organising a two day exhaustive program on **"Hot Forging Technology-Processes, DFM, Quality and Cost considerations".**

FOCUS AREAS

- Application of forging
- Metallurgy of forging
- Different processes and equipment – warm, hot and cold forging
- Design considerations
- Quality considerations
- Cost considerations
- Modern configurations and technologies
- Use of CAE and Digitisation (IOT) tools to reduce waste of all kind
- Automation and robotics
- Light weighting concepts

KEY TAKE AWAYS

After undergoing the programme, the participants will be able to -

- Understanding the basics of forging technology
- Understanding various manufacturing methods and classification and their practical applications
- Understanding the challenges of industry in the emerging disruptive environment
- Understanding the selection of right equipment, processes and practices to be globally competitive.

PARTICIPATION FEE

Rs. 4999/-
+18% GST
IMTMA Members/ Micro Companies/ Individuals/ IMTMA Non Members/ Others

Rs. 2500/-
+18% GST
Professors

Rs. 999/-
+18% GST
Student

USD 200/-
Overseas Participants

Group Concession : 10% for 3 to 5 and 20% for 6 and more delegates being nominated from the same company

PARTICIPANT PROFILE

- Top and middle management of forging companies
- Marketing and purchasing functions of Forgers, auto part manufacturers using forgings
- Buyers and engineers of OEM
- Researchers and faculties and students of educational institutes

FACULTY

This programme will be conducted by, IMTMA Subject Matter Expert.

He is a technologist with expertise in Forging Technology and drive line systems. He has more than 45 years' experience in manufacturing and application of forgings. He has done his research on global competitiveness of auto component industry and his contribution to auto and construction equipment's is immense. He has been associated with IMTMA as a trainer and has conducted training all over India.

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.