



Last date for registration 16 April 2026

INTRODUCTION

In order to comply with ever-tightening emission norms and to provide higher mileage, higher pickup and higher payload Light-Weighting of vehicles have become inevitable.

Light-weighting is done for: Body-In-White (BIW), substructure, engine & transmission elements, bought out aggregates right down to fasteners. Diverse Technologies and choice of materials ranging from sheet metal to cast and forged items are used in Light-Weighting.

In order to present a holistic overview of new technologies and materials which have become current and near-future industry trend. Keeping this in view Indian Machine Tool Manufacturers' Association (IMTMA) is organising a Training programme on **Light-Weighting of Automobiles**.

FOCUS AREAS

- Use of AHSS
- Tailor Welded Blanks
- Use of Aluminium and Magnesium Forming
- Hot Forming of AHSS, Aluminium and Titanium
- Tube Hydroforming
- Use of Composites
- Cold Forging
- Rotary Swaging & Axial Forming

KEY TAKE AWAYS

- Light-weighting with better crashworthy structure
- Challenges and solutions of manufacturing with Higher Strength Material
- Hollow drive trains
- Weight reduction in fasteners
- Use of Additive Manufacturing for Light-Weighting Engine

PARTICIPATION FEE

Rs. 4999/-

+18% GST

**IMTMA Members/ Micro Companies/ Individuals/
Educational Institutions / Students/ IMTMA Non
Members/ Others**

USD 200/-

Overseas Participants

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

FACULTY

This programme will be addressed by **Mr. S K Gupta**,

Mr. S K Gupta, is a Former Asst. General Manager, Machine Design & Business Development, Tata Motors Machine tools division, Pune. Mr. Gupta is an industry expert with over 37 years of rich experience in Design & Development of General purpose Machine & SPMs.

The programme will be highly interactive where participants can solicit feedback on specific technical issues from the expert faculty.

For Registration Contact

Santosh Singh
Programme Coordinator
9021442692
santosh@imtma.in
Back End Operations
9742626488
enquiry@imtmablr.com

Contact Address

INDIAN MACHINE TOOL MANUFACTURERS' ASSOCIATION
12/5, D-1 Block, MIDC, Chinchwad,
Pune-411019
Board Line : +91 7066030531 / 532



imtmatraining.67038796@hdfcbank

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.