

INTRODUCTION

Several different methods such as casting, powder metallurgy, forging and machining are available to shape metals into useful products. One of the oldest process is metal casting which basically involves pouring molten metal into a mould cavity, where upon solidification it takes the shape of the cavity. Beauty of this process is, any complicated shape in any metal can be casted.

Knowledge of metal casting is very important to design engineers and casting buyers. Design engineers have to decide on the type of casting process to be adopted to manufacture the part and also to incorporate DFM requirements of casting without compromising his design intent. Buyers have to identify right foundry and negotiate with them to get competitive price. Under these circumstance, knowledge of casting processes, capability and limitations of processes, cost estimation and casting inspection will come handy.

Keeping this in view, Indian Machine Tool Manufacturers' Association (IMTMA) is organizing a 6 Hrs online programme on **“Metal Casting Technology- processes and quality considerations”**

FOCUS AREAS

- Important casting processes:
 - Sand casting
 - Investment casting
 - GDC
 - HPDC
- Capabilities and limitations of all casting processes
- Casting defects and remedies

KEY TAKE AWAYS

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

- Understand importance of casting
- Understand various casting processes
- Understand capabilities and limitations of casting processes
- Understand casting defects and its remedies

FEE PER PARTICIPANT (PER LOGIN)

Rs. 7500/-
+18% GST

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

USD 300/-
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 will be conducted by **Mr. Ganapathi K N.**

Mr. Ganapathi K N, is presently working as Advisor at IMTMA, having 16 years of industrial and 16 years of academic and training experience. He is a mechanical engineer with post graduate in metal casting science and engineering. Prior to IMTMA, Ganapathi has worked at various capacity in manufacturing companies. He has thorough knowledge of Materials, Metallurgy, Metal casting and heat treatment processes. He has carried out many specialised programmes on metal casting technologies, Metallurgy and heat treatment for industries. He has also taught these topics to post graduate engineering students. At IMTMA his role is to develop and introduce new programmes for enhancing competitiveness of Industries.

For Registration Contact

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