

Training Programme On Materials, Metallurgy & Heat Treatment of Metals and Alloys

Course Code : 1307

07th – 09th January 2026

Targeted Audience :

- **Engineers, Production Engineers, Quality Engineers, Mechanical Engineers, and other Professionals who need to work with metals and alloys in their roles to work with metals and alloys in their roles**

Contact Us :



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CENTRAL MANUFACTURING TECHNOLOGY INSTITUTE

Tumkur Road, Bengaluru – 560 022

Greetings From CMTI !

We are pleased to inform you that we are conducting a **03 days** Non-Residential Training Programme on “Materials Metallurgy & Heat Treatment of Metals and Alloys” , course code : 1307.

Focused Areas :

- Fundamentals & Purpose
- Selection of Materials based on Heat Treatment Process
- Risk Management in Heat Treatment Process(FMEA)
- Design of Heat Treatment cycle based on the design requirement
- Advance Techniques of Surface Heat Treatment
- Techniques of Distortion Control
- Successful Drawing Requirements
- General Quality plan of Heat Treatment for Acceptance/Rejection
- Industry Practices
- Common Failures & Remedies
- Understanding of Case Depth Determination
- Basic Heat Treatment Processes.

Key Takeaways :

- Learn about Various Heat Treatment methods and Specific applications of each process
- Develop Quality plan for critical heat-treated components

- Understand how to calculate and control case depth in surface hardening
- Understand common problems encountered in heat treatment and remedies.

Programme Co-Ordinator :

- **Mr. Srinivasa Rao C,**

He is currently working as Scientist- D at the Group for Materials And Metallurgy and having 15 years of Professional experience in the field of Uncertainty Measurement.

- **Dr. Kavithaa S,**

She is currently working as Scientist- E at the Group for Materials And Metallurgy and having 15 years of Professional experience in the field of Uncertainty Measurement.

Programme Schedule :

- It is a **Three (03) days** Non – Residential Training Programme scheduled during **07th – 09th January 2026**. The Programme will be held at Central Manufacturing Technology Institute, Bengaluru.

Participation Fees :

Rs. 11,700/- plus GST @ 18%***, per Participant. This includes Course Kit, Veg lunch, Mid-session tea.

Course Fee can be paid through NEFT / RTGS / Demand Draft. Demand Draft to be drawn in favor of "Central Manufacturing Technology Institute", payable at Bengaluru and should reach CMTI one week before the actual date of commencement of the course.

Beneficiary for RTGS/NEFT

- | | |
|----------------------|--|
| a)Name | : Central Manufacturing Technology Institute |
| b)GST No | : 29AAATC2085K1ZJ |
| c)Account No | : 10521862015 |
| d)Bank Name & Branch | : State Bank of India, Yeshwanthpur Branch |
| e)IFSC Code | : SBIN0003297 |
| f)MICR Code | : 560002055 |

Additional Information :

- A 10% rebate on Course fee will be given to organizations nominating 3 or more participants for each Programme, only if payment is made in advance, ten days before the commencement of the course.
- Individuals/Companies interested in participation are requested to fill in the enclosed Enrollment Form and submit at the earliest.

- Participants are advised to proceed for the Programme only after the nominations / Programme confirmed by us (by fax/Letter/Phone/E-mail.)
- Participants should report at CMTI on the day of commencement of the course. Participants are advised to reach Bangalore the previous day, evening/night.
- Course will be conducted from 09:00 to 17:00 hrs. Participants may plan their return journey accordingly
- Participants will be given Certificate after the completion of the Training Programme.
- Enclosed are the tentative Programme contents for ready reference
- GST No. to be shared while sending your nomination / Registration (If a company is exempted from GST they have to provide GST Exemption Certificate).
- Please note that Course Fee once paid will not be refunded. However, change in nomination will be permitted

*Note: ***Taxes and other levies will be charged as per the prevailing rates at the time of Billing****