Greetings from CMTI

We are pleased to inform you that we are conducting a 02 day Non-Residential Training programme on **"Gear Engineering – Spur, Helical, Bevel, Worm & Gear Box", course code: 1101**

Highlights / Overview of the Program:

- Overview of various types of gears, gear design principles, standards, classification and applications.
- Gear Design, including the design of spur and helical gears, gear correction techniques, and case studies
- Understanding gear inspection methods.
- Selection of materials and heat treatment methods.
- Exploration of gear manufacturing processes, machinery, quality assurance, general maintenance, and troubleshooting techniques.

Target Participants:

Practicing Engineers, Scientists, Design Engineers, Manufacturing Engineers, Industry Professionals and Faculty Members.

Programme Schedule

It is 02 day Non Residential Training Programme scheduled during **17th – 18th November 2026.** The Programme will be held at Central Manufacturing Technology Institute, Bengaluru.

Participation Fees

Rs. 7,800/- plus GST @ 18%, per participant. This includes Course Kit, working 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 Bangalore 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:

1. 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.
2. Individuals/ Companies interested in participation are requested to fill in the enclosed Enrollment Form and submit at the earliest.
3. Participants are advised to proceed for the programme only after the nominations / Programme confirmed by us (by Fax / Letter / Phone / E-Mail).
4. Participants should report at CMTI on the day of commencement of the course. Participants are advised to reach Bangalore the previous day evening/ night.
5. Course will be conducted from 09:00 to17:00 hrs. Participants may plan their return journey accordingly.
6. Participants will be given Certificate after the completion of the Training Programme
7. Enclosed are the tentative programme contents for ready reference
8. GST No. to be shared while sending your nomination / Registration (If a company is exempted from GST they have to provide GST Exemption certificate).
9. 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**

For further enquiries / registration / nominations, please contact:
Mr. Arun Kumar J G, Joint Director & Centre Head – AEAMT,
09449842686 / 78 Fax: (080) 2337 0428
E-mail– training@cmti.res.in, aravinda@cmti.res.in

CENTRAL MANUFACTURING TECHNOLOGY INSTITUTE

Tumkur Road, Bengaluru 560 022

Training Programme
On
"Gear Engineering – Spur, Helical, Bevel, Worm & Gear Box"

Tentative Programme Schedule

Days	Particulars
Day-1	Introduction to different types of gears, Gear Design and Standards, Classification & Application of Gears
	Design of Spur/Helical/Worm gears with examples
	Design of Gear box with an example
	Gear correction methods with example
	Material Selection and Heat Treatment
	Demo on Kisssoft (Gear module)
Day-2	Visit to metrology Lab
	Manufacturing of Gears
	Quality Assurance
	Service: General maintenance of Gear box, trouble shooting, Installation and commissioning of gears
	Visit to Gear Manufacturing Unit

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