

Greetings from CMTI

We are pleased to inform you that we are conducting a 01 day Non-Residential Training programme on "**Laser Micro Machining**", course code **0315**

Highlights / Overview of the Program:

There is a lot of demand for higher-performing and miniaturized devices which require high-precision, tight-tolerance parts and features in a wide-range of industries including semiconductor, electronic, medical, life sciences, and automotive. From R&D samples to production volume parts, CMTI offers a complete flexible, cost-effective laser processing service by high precision, micro and nano-machining of components made of metals, polymers, glass and semiconductors etc. The course includes lectures on laser micromachining and its applications with practical exposure to Femtosecond and Excimer laser micromachining facility.

Target Participants:

Scientists / Engineers / R & D Labs / Researchers involved in development MEMS devices ,micro/Nano products, micro-fluidic devices, micro/Nano surface texturing etc

Programme Schedule

It is 01 day Non Residential Training Programme scheduled On **20th January 2025**. The Programme will be held at Central Manufacturing Technology Institute, Bangalore

Participation Fees

Rs. 3,900/- plus GST @ 18%*, per participant. This includes Course Kit, working veg lunch, midsession 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 to 17:00 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

CENTRAL MANUFACTURING TECHNOLOGY INSTITUTE
Tumkur Road, Bangalore 560 022

Training Programme On
'Laser Micro Machining'
Tentative Programme Schedule

Day	Particulars
Day 1	Introduction
	Laser Fundamentals: Basic Principles of Lasers, Laser Construction, Types of Lasers
	Lasers Used for Micromachining: Ultrafast Lasers - Femtosecond Laser Micromachining: Applications, Examples/Case studies of Material/Work processed in CMTI using Femtosecond Laser
	Excimer Lasers - Applications, Examples/Case Studies of Material/Work processed in CMTI using Excimer Lasers
	Training/Demo on Operation and Working Principle of <ul style="list-style-type: none">• Femtosecond Laser Micromachining System• Excimer Laser Micromachining System
	Concluding Session