

Greetings from CMTI

We are pleased to inform you that we are conducting a 05 days Non-Residential Training programme on "**Part Programming of CNC Machines**", course code **0110**.

### **Highlights / Overview of the Program:**

The course is intended to provide the basic knowledge about CNC programming manually. The Course is about learning Part Programming for 2 axis lathe & 3-Axis Milling machine. Participants are required to write CNC Programs (Turning & Milling) and prove the programs of simple components on the machines available at CMTI. Systems like FANUC, SINUMERIK, HEIDENHAIN are dealt with. The course will be useful to organization who have NC or CNC machines and intend to program their parts manually.

**Target Participants:**Engineers / Supervisors with shop floor knowledge (Operators likely to be shifted to CNC Machine with knowledge of English Language)

### **Programme Schedule**

It is 05 days Non Residential Training Programme scheduled during **19<sup>th</sup> – 23<sup>rd</sup> August 2024**. The Programme will be held at Central Manufacturing Technology Institute, Bangalore

### **Participation Fees**

**Rs. 19,500/- 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 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:  
**Mrs.Asha R Upadhyaya, 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

**"Part Programming of CNC Machines."**

Tentative programme Schedule

Day	Topic
Day 1	NC Programming Concepts
	Programming for TOS HMC (Siemens 840D)
	Visit to CMTI Facilities
	Programming for STC-25 Lathe (SINUMERIK System)
Day 2	Programming for Stallion CNC Lathe -- FANUC System
	Programming for Mitsubishi VMC (Fanuc System)
	Hands on Exercise - Lathes
Day 3	Program Writing and Part Cutting on Lathes
	Program Writing and Part Cutting on VMC & HMC
Day 4	CNC Tooling
	Program Writing & Part Cutting on VMC & HMC contd..
Day 5	Program Writing and Part Cutting on Lathe, VMC & HMC contd..
	Demo on CMM, CAD/CAM