

On Advanced Robotics

Course Code: 2202

08th – 09th September
2025

Targeted Audience

- Industry professionals from MSME's
- Government & Private Industries
- Faculty/Students (above UG 3rd year) from Academic Institutes



CONTACT US



9449842686/78



training@cmti.res.in

About AEAMT

Centre for Skill Development, is a flagship initiative of CMTI, aims to enhance the knowledge and skills of practicing engineers, create job ready engineers to the Indian Manufacturing sector and to bridge the gap between industry and academia.

Focused Area / Objectives :

- Introduction to Collaborative robot
- Historical Development and Market Trends of Cobot
- Types of Collaborative Robots
- Key Components and Subsystems of Cobots
- Safety Features and Standards for Cobot
- Programming and Path Planning for Cobots
- Applications of Cobots in Industry
- Integration of Cobots in Smart Factories and Industry 4.0
- Challenges and Future of Cobots
- Hands-on Practical Training

Programme Co-Ordinator :

Mr. T Narendra Reddy is a Scientist specialised in the areas of system developments, machine developments, solution developments related to Smart Manufacturing & Industry 4.0/5.0, Ultra Precision Machine and subsystem Developments & Nanotechnology Equipment's.

He has contributed for the indigenous product developments ranging from TRL6 – TRL 8 such as

- Development of Intelligent Ultra Precision Turning Machines
- Development of Ultra Stiff Ultra Precision Turning Machines
- Development of Portable Scanning Tunnelling Microscopes (STM)
- Development of Closed Loop Nano Positioning Stage
- Development of Nano-Motion Systems (Hydrostatic Slides & Aerostatic Spindle)

Course Co-ordinator & Faculty member for training programmes on Smart Manufacturing & Industry 4.0/5.0 for Academic & Industry Participants

He has been guiding Graduate Internship Students, M.Tech Project Students & Project fellows for the development of IIoT solutions for Smart Manufacturing Demo & Development Cell (SMDDC) and he is a Life Member of the Metrology Society Of India (MSI), Active member for the Career Enlightenment Programme & Design Innovation Clinic (DIC) to the Engineering UG Students.

Programme Schedule :

It is a **02 days** Non – Residential Training Programme scheduled during **08th –09th September 2025**. 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, 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**

For further enquiries/registration / nominations, please contact:

Mr. Arun Kumar J .G, Joint Director & Centre Head – AEAMT,

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E-mail: training@cmti.res.in