

FINISHING SCHOOL

Bridging the gap between
Academics and Industry.



FOR MORE INFORMATION

CLICK BELOW TO APPLY



Apply via Website: drishti.cmti.res.in

For any queries: 9449842686/78

VISION

To bridge the gap between academics and industry by equipping graduates with hands-on skills, soft skills, and real-world experience for career readiness.

MISSION

- ✓ To equip aspiring graduates with hands-on technical and soft skills that align with modern industry needs.
- ✓ To transform graduates into confident, job-ready professionals through immersive, real-world training.

Who Should Attend?

Engineering and Diploma Graduates in Mechanical and allied branches, Electrical and Electronics, Modern Manufacturing & Mechatronics and Industry 4.0 & Automation (Common to all disciplines)

Course Duration and Structure:

Streams	Course Format	Training Structure	Admission Fees	Stipend Per Month
 Engineering	Part-I (1 - 6 months)	 Classroom Instruction + Practical Manufacturing Training + Lab Practices	Rs.40,000	Nil
	Part-II (7 - 12 months)	 On-the-Job Training with Stipend	Nil	Rs.15,000
 Diploma	Part-I (1 - 6 months)	 Classroom Instruction + Practical Manufacturing Training + Lab Practices	Rs.30,000	Nil
	Part-II (7 - 12 months)	 On-the-Job Training with Stipend	Nil	Rs.12,000

- Hands-on skills and soft skill training.
- On successful completion of finishing school training, candidates may be considered for temporary project staff roles, subject to the requirements.

CENTRAL MANUFACTURING TECHNOLOGY INSTITUTE
TUMKUR ROAD, BENGALURU - 560022



OUR PROGRAMS

Mechanical/Production/Industrial Engineering

Core Modules: Machine Design & Components (Gears, Bearings, Safety Factors), Engineering Drawing & Standards (GD&T, CAD like SolidWorks, NX) Manufacturing Technologies (CNC Programming - G/M-code, Assembly Techniques) Fluid Systems (Hydraulics, Pneumatics, Pascal's Law) Heat Treatment (Annealing, Tempering, Hardening) and Testing (NDT/Destructive Testing).

Electrical/Electronics

Core Modules: Electrical and Electronics Systems (Ohm's/Kirchhoff's Laws, Passive/Active components) ⁹, Electrical Drawings (Schematic Symbols, Control Panel Design)

Industry 4.0 & Automation (Common to all disciplines)

Learn core concepts: IoT, Smart Sensors, Cloud Computing, Digital Twins, AI/ML in manufacturing. Explore automation types (Fixed, Programmable, Flexible), Automated Material Handling, and Robotics

Modern Manufacturing & Mechatronics

Smart Manufacturing: Additive Manufacturing (3D Printing), Lean Manufacturing, Smart Factories, Predictive Maintenance, and AR/VR in manufacturing. **Mechatronics:** Integration of mechanical, electrical, and control systems, and various Sensors (Proximity, Pressure, Temperature)



Eligibility Criteria

- Minimum 50% aggregate marks in qualifying exams.
- Diploma in Mechanical Engineering or allied branches.
- B.E./B.Tech in Mechanical Engineering or allied branches, Electrical & Electronics Engineering or allied branches.

Key Info

- Working hours: 8:30 am to 5:00 pm.
- No hostel facility; 85% attendance mandatory.
- Selection: Based on written test/ interview.
- Certificates will be issued after successful completion of part-I (1-6 month)



ABOUT CMTI

CMTI is an autonomous R&D institute under the Ministry of Heavy Industries, Govt. of India, driving innovation in manufacturing. It develops advanced manufacturing technologies & machines, custom automation solutions, offers skill development, and promotes tech incubation to boost industry productivity and growth.



“ CMTI is not just a technology provider—it’s a catalyst for industrial transformation through innovation, skill, and collaboration.

– Dr. Nagahanumaiah,
Director, CMTI



Drishti

Drishti is an online platform developed by CMTI that provides a synergy between industries and young innovators to solve complex challenges.

(Design, Research and Innovation by Harvesting Science and Technology for Industries)



Our Resources Hub

CMTI provides advanced R&D facilities for nanotechnology, precision engineering, and laser processing, alongside NABL-accredited metrology labs and high-end design software. It also offers extensive intellectual resources through its specialized technical library and industry-focused training programs at the Academy of Excellence.

Advanced Manufacturing and Laboratory Facilities



Advanced R&D hubs for smart manufacturing, automation, and nano-tech empowering startups, skilling engineers & diploma graduates, and driving indigenous innovation.

Advanced library

The CMTI Library (NICMAP) is India's premier manufacturing resource hub, providing over 30,000 specialized technical materials and publishing the Machine Tool Design Handbook to support industry R&D and engineering.

