

**ACADEMY OF EXCELLENCE FOR ADVANCED MANUFACTURING TECHNOLOGY (AEAMT) at CMTI
AND**

KARUNYA UNIVERSITY ANNOUNCE THE LAUNCH OF

Post Graduate Diploma in Advanced Manufacturing Technology (PGDAMT)

The above course is proposed to be jointly offered by CMTI and Karunya University under the AEAMT. The details are as follows:

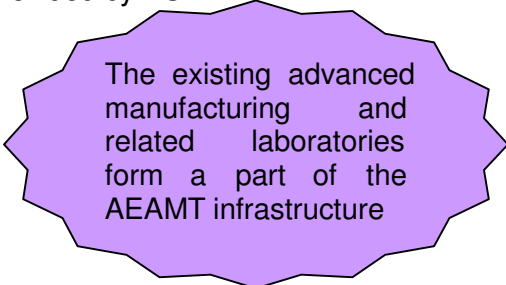
1. **Course: Post Graduate Diploma in Advanced Manufacturing Technology (PGDAMT)**
 - a. One-year (Two Semester) program.
 - b. Jointly offered by CMTI and Karunya University under the AEAMT
 - c. Co-branded Certificate will be issued at the end of the course to the successful candidates

2. Course format:

- a. **First Semester** – at Karunya University campus, Coimbatore (31 credits)

Theoretical inputs for the topics mentioned below will be provided by KU.

- TM Metal cutting theory and practice
- TM Computer Integrated Manufacturing Systems
- TM Industrial Robotics
- TM Mechatronics and Machine controls
- TM Metrology and Measurements systems
- TM Advanced managerial skills
- TM Modeling and Analysis

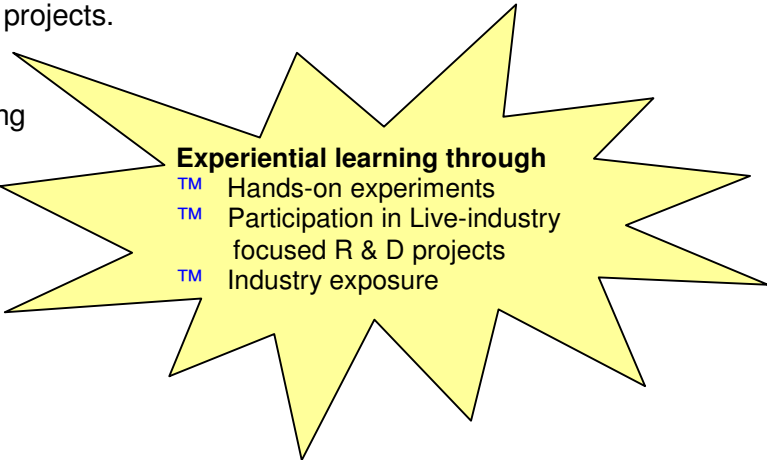


The existing advanced manufacturing and related laboratories form a part of the AEAMT infrastructure

- b. **Second Semester** – At CMTI, Bangalore (20 Credits)

The students will be exposed to advanced technology areas (mentioned below) through appropriate theoretical background, Laboratory demonstrations, hands-on and participation in live industry focused R&D projects.

- TM Metal Cutting
- TM Methods Engineering
- TM CAD/CAM Systems and CNC Programming
- TM Flexible Manufacturing Systems and High Speed Machining
- TM Rapid Prototyping and Tooling
- TM Micromachining
- TM Metrology and Measurement Systems
- TM Mechatronics and Control Systems Lab



Experiential learning through

- TM Hands-on experiments
- TM Participation in Live-industry focused R & D projects
- TM Industry exposure

3. Anticipated intake: 20 per course

4. Course is open to:

Students who have completed BE / BTech in Mechanical Engineering, Production Technology, Industrial Engineering, etc; Faculty from Academia from Manufacturing related areas and Practicing Engineers from Industry

Interested students, faculty, industry representatives are invited to participate in the awareness programme

For details and registration visit www.cmti-india.net, www.karunya.edu or contact Shri M A Ravindra, Joint Director, CMTI on ☎0-9449842679 or

E- aeamt@cmti-india.net , mar@cmti-india.net

Course commencing from shortly