

About the Institute

Maulana Azad National Institute of Technology (M.A.N.I.T) is one of the pioneering engineering institutes of the country which contributed many outstanding engineers for India and abroad. It was named after the great scholar, educationist and the first education minister of Government of India, Maulana Abul Kalam Azad when it was established in the year 1960. Currently, the institute is conducting 13 UG, 29 PG programs and Ph.D programmes in all the disciplines of engineering and applied sciences and also conducting M.B.A programme with the help of about 200 competent faculty members.

About the Department

Department of Mechanical Engineering came into existence in the year 1960. The department has thirty qualified and dedicated faculty members with specializations in various areas of mechanical engineering. At present, the department is conducting one undergraduate courses, five post graduate courses and research programmes leading to Ph.Ds. Department has developed computer aided manufacturing laboratory recently to facilitate PG and PhD level research on high speed CNC machines for composites and super alloys developed by advanced processes.

About Bhopal

Bhopal is the capital of Madhya Pradesh state and well known worldwide as “The City of Lakes”. It is well connected to various parts of country by Road, Rail and Air. The institute is located at a distance of around seven kilometres from Bhopal railway station and three kilometres from Habibganj railway station.

About the Training Programme

In recent years, most of the researchers focussed their attention on high speed CNC machining and newer materials with significantly better mechanical and thermal characteristics. This may be due to increasing use of CNC and Non-conventional machines in the industry in order to increase productivity of the firms. This necessitates the PG and PhD students to learn CNC programming, to train on CNC machines and to learn about research areas of focus in this field. This short term training programme aims at imparting hands on training on CNC milling machine, Electric Discharge Machine and Coordinate Measuring Machine. Research areas will be discussed and preparation of machine for various set ups required by research activity will be explained. It is planned to have 70% practice sessions and 30% theory lectures in order to teach CNC programming to the participants. This STTP is

aimed at UG/PG students/research scholars/faculty of all engineering institutes who are pursuing research in relevant areas.

Course Content

- CNC programming fundamentals
- Hands on Practice on CNC EDM/Milling Machines
- Hands on Practice on Creo software
- Research Oriented Training on EDM/Milling Machines
- Practice on Setups for Research/dynamometers/thermocouples etc.

Program Faculty

Programme faculty include Experts from reputed Engineering Institutes and Industry, the coordinators, and the senior faculty members of MANIT Bhopal.

Eligibility for Participation

The training program is open to PhD research scholars and teachers reputed engineering institutions and industry professionals. Faculty members/research scholars from Production, Thermal, Design from Mechanical/ Production/MSM Engineering and other relevant disciplines may attend the programme.

REGISTRATION FORM

Full Name: _____

Designation: _____

Department: _____

Institution with address: _____

_____ Pin Code: _____

Institution approved by AICTE: Yes / No

Academic qualifications: _____

Experience (Yrs): (i) Teaching: ii) Industry:

Phones: Official: _____ Mobile: _____

E-mail : _____

Demand Draft No. _____ Date: _____

Signature of the applicant:

Signature of the Head of the Institution
with seal:

Correspondence Address

Dr.C.M.Krishna, Coordinator (ROTCNC)
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Registration Fee

The registration fee structure is as follows:

Participants	Fee(including Lunch + Tea)
Research scholars	Rs.2500/-
Faculty	Rs.3500/-
Industry professionals	Rs.7000/-

- Registration forms are available in Institute website www.manit.ac.in.
- Seats are limited to 45 and selection will be based on first come first basis.
- The completed registration form may be sent along with Demand Draft payable in favour of "Director, MANIT, Bhopal", payable at S.B.I, MANIT branch(code:1608) **on or before 30-11-2017**.
- Accommodation is limited and participant has to arrange his/her accommodation on his/her own if it is not provided.

Organizing Committee

Patron: Dr. N S Raghuvanshi, Director

Chairman: Dr. J L Bhagoria, H.O.D

Course Coordinators

Dr. C.M.Krishna, Associate Professor

Dr. K.R.Aharwal, Associate Professor

Dr. M.K.Pradhan, Assistant Professor

Department of Mechanical Engineering

Short Term Training Programme

On

**Research Oriented Training
on CNC Machines**

(Self-Sponsored)

14-18 December 2017

Call for Participation



Organized by

**DEPARTMENT OF
MECHANICAL ENGINEERING**

**MAULANA AZAD NATIONAL INSTITUTE OF
TECHNOLOGY, BHOPAL – 462003 (M.P)**