

**Self Finance
Short Term Training Program (STTP) on
“CNC programming and practice”
From 10th October 2017 to 14th October 2017**

REGISTRATION FORM

Name:
Designation:
Organization:
Qualification:
Correspondence Address:
.....
.....
Tel. (O) (R)
(M)
E-Mail:

Registration Fee is paid in the form of
Cash/DD

Amount
No.....Date
Name of the
Bank.....
Accommodation Required: Yes / No

Date: Place:

Signature

- Note:
- Demand draft should be made in favour of Director, National Institute of Technology Raipur, payable at Raipur.
 - Photocopies of registration form may be used.

Chief Patron/ Chairmen
Prof. A. M. Rawani, Director, NIT, Raipur

Patron
Prof. S. Sanyal, Dean (R&C), NIT Raipur

Convener
Prof. Anil Tiwari, HoD, Department of
Mechanical Engineering

Coordinators
Dr. Mridul Singh Rajput, Department of
Mechanical Engineering
Dr. Binod Shaw, Department of Electrical
Engineering
Dr. H K Narang, Department of Mechanical
Engineering

Organizing Committee Members
Dr. S. K. Mukti, NIT, Raipur
Dr. S. Bhattacharya, NIT, Raipur
Dr. R. K. Sahu, NIT, Raipur
Dr. R. Suresh Kumar, NIT, Raipur

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Coordinators Name: Dr. Mridul S Rajput
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Coordinator Name: Dr. Binod Shaw
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**One Week Self Financed
Short Term Training Program
on**

**CNC programming and
practice**

From 10th Oct 2017 to 14th Oct 2017



Organized by

Mechanical Engineering Department



**National Institute of Technology
Raipur-492 010 (Chhattisgarh)**

About the Institute:

National Institute of Technology Raipur situated in the capital of Chhattisgarh, has proven to be 'avant-grade' in the field of science and technology over past few decades in this region. With sweet memory of foundation ceremony by our president Hon'ble Dr. Rajendra Prasad on 14th September 1956. the institute started with two departments namely Metallurgical and Mining Engineering. Later the inauguration of the Institute building was done by our Prime Minister Hon'ble Pt. Jawahar Lal Nehru on 14th March 1963. From 1st December 2005, the institute has become the National Institute of Technology. It is well connected with Mumbai, Delhi and all metro cities by regular flights and is on the main Howrah-Mumbai railway route. The institute is 5 km from the Raipur railways station and 18 km from airport on NH-6, the Great Eastern Road.

About Department:

The **Department of Mechanical Engineering** came into existence in 1958. The department aims at imparting the state of the art knowledge and skills to the students. The department provides an outstanding research environment and offers academic program leading to the award of B.Tech and M.Tech. degree. Department also offers Ph.D. program in all relevant discipline of Mechanical Engineering including Design, Production, Thermal and Industrial Management.

Venue:

**Department of Mechanical Engineering,
NIT Raipur (CG) – 492 010, INDIA**

Objectives:

Aim of this STTP is to provide hands on training and up-gradation of knowledge and skills for technicians, students, research scholars, faculties, scientists involved in handling work in CNC machines and research in the area of CNC machines. The course will provide a national and state level forum to be familiar with the advanced machining operations and an opportunity to self operate the different CNC machines for interested researchers, students, technicians, and practitioners. The lectures will be delivered by distinguished experts in their field. This one week short term course will include lectures, special case studies **in the areas of CNC programming and practice** as well as **hands-on experiments using CNC machine tools**, etc.

Theme/Scope:

One-week STTP on “**CNC programming and practice**” will bring together a group of experts in the field of **Machining, CNC programming, Robotics, and CAD Modeling** in NIT Raipur. This is a scientific and technological event and aim to bring together professionals working in, NIT, GECs, AICTE approved engineering colleges and persons working in industries and R & D organizations, students and researchers of Mechanical/ Production/Manufacturing/Automobile/Metallurgical or equivalent/experienced machinist and related areas. We have significantly expanded the scope of the workshop, including talks and tutorials on modern and cutting edge topics related to the **CNC programming and practices**.

Topics to be covered:

1. Basics of Machining Operations
2. CNC Lathe & Milling Machining
3. Fundamentals of Electrical Machines, Stepper Motor & Servo Motor
4. Robotic manipulator
5. CNC Programming
6. CAD-CAM Integration
7. Technologies in CNC machines
8. CNC/Robotic Welding
9. CNC Practice

Targeted Participants:

- UG and PG Students
- Professionals working in NIT, GECs & AICTE approved colleges
- Persons working in industries and R&D organizations
- Experienced machinists and technicians

Registration Fee Details (in INR):

Participants	Amount (in Rs)
Students	2200/-
Faculty	2500/-
Industry Delegates	2500/-

Application in the prescribed format with registration fee in the form of Demand Draft drawn in favor of “**Director, NIT Raipur**” must reach the coordinator on or before 06 Oct, 2017. Registration fee includes registration kit, tea and lunch during the program. Fee is non-refundable. Selected candidate will be informed by email as per the schedule. Certificates will be issued to the participants only after attending the complete course.