

ANNOUNCEMENT

10th SHORT TERM TRAINING PROGRAMME ON CNC Machining with Programming Practice

16-20 December' 2019



**ORGANIZED
By**



**Department of Mechanical
Engineering and Central Workshop
National Institute of Technology, Rourkela**
राष्ट्रीय प्रौद्योगिकी संस्थान, राउरकेला
<http://www.nitrkl.ac.in>

Introduction

Nation's economic strength can be predicted by its Metal Machining activities and skill of its operators at shop floors. Globalization and information revolution make the machining practices mandatory to achieve quality in order to stay competitive in the cutthroat market. In the recent years, there has been a healthy rise in the product quality in order to survive in the aggressive competition across the manufacturing sectors. The present short term training program is designed to provide the participants with an opportunity to self operate the different machines and be familiar with the advanced machining operations.

Objectives

- To be acquainted with CNC Machines, tools, job & tool holding devices.
- Exposing the participants to be conversant with different operations performed.
- Providing an opportunity to self-operate the machines, thereby increasing the confidence.
- Enhancing the capability of participants for CNC programming for the advanced machining operations.

Training contents

Introduction, Numerical Machines, Part programming, Coordinate systems, Array program, Tool setting, Offset setting, Instruction for CNC milling and Turning, Self-practice.

Duration (One Week)

16-20 December' 2019

Eligibility

Qualification in Mechanical/ Production/ Manufacturing/ Automobile or equivalent/ Experienced Machinist

Programme fee

Rs. 2,500/- per participant from educational institutes

Rs. 3,500/- per participant from industry and R&D organizations,

No TA/ DA or accommodation will be provided for attending the training program. Depending on the availability accommodation may be arranged at Guest house/Hostel on payment basis if available.

PAYMENT

The course fee should be sent in advance through a bank draft along with the duly filled Application form. The **DD** should be drawn in favor of '**Continuing Education, NIT Rourkela**' Payable at Rourkela and reach 7 days before the starting of the program.

Correspondence The application form should be sent to: Prof. S.K.Sahoo, Mechanical Engineering Department, **National Institute of Technology, Rourkela-769008.** : 0661 – 2462520 Fax : 0661 – 2472926, Email : sks@nitrkl.ac.in

Special note: Numbers of seats are limited and the admission will be done on first come

first serve basis. Selection of the candidate will be informed individually through **e-mail** only. Course fees once paid for selected candidates will not be returned/ cancelled in any case.

Application Dates:

Application should reach 7 days before the starting of the program.

About Central Workshop

The Central Workshop is functioning under the support and services of the Institute and its facilities are extended to various departments of the institute for conducting different project / research work at UG, PG and Doctoral level, under the guidance of the respective guides including regular sessional classes as a part of the curriculum for students at various levels. The Central Workshop facilitates to impart practical skills for the students in major fields of engineering and technology. In addition to housing many conventional machines and equipment it also has most modern fabrication and production units in tune with the recent technological developments. The Central Workshop has four sections, namely, Machine shop, Assembly (fitting and carpentry) shop, Electrical, Electronics & Computer shop, and Welding & Foundry shop.

COURSE COORDINATORS

Prof. S.K.Sahoo, Mechanical Engineering Department, **National Institute of Technology, Rourkela-769008.** : 0661 – 2462520 Fax : 0661 – 2472926, Email : sks@nitrkl.ac.in

Prof. S. Ghosh, Mechanical Engineering Department, **National Institute of Technology, Rourkela-769008.** : 0661 – 2462531 Fax : 0661 – 2472926, Email : ghoshs@nitrkl.ac.in

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Application FORM

(Please fill in capital letter)

Name: Mr. / Ms.....

(First Name) (Middle Name) (Last Name)

Mailing Address:

.....

.....

PIN..... Phone:

Mobile:.....E-mail:.....

Highest Qualification :

Expérience.....

Date: Signature:

Encl: DD No..... Dated.....

On(Bank).....Amount:

All Payments should be made by A/C Payee Demand Draft in favour of '**Continuing Education, NIT Rourkela**' payable at Rourkela.

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