

REGISTRATION FORM

A two day short term training program on
RESEARCH METHODOLOGY IN ENGINEERING
(RME-2013)

23-24 December 2013, NIT Rourkela

Name:
Designation:
Department:
Specialization:
Organization:
Mailing Address:
.....
Mobile:
Email:
Accommodation Required (Yes/No):
Payment Details: Amount: Rs/-
Demand Draft No.: Date:/...../2013
Bank:
Demand Draft should be drawn in favour of
“**Continuing Education, NIT Rourkela**” payable at NIT
Rourkela.

Signature of Applicant Date:/...../2013

Note:

- ❖ Incomplete registration form/ without demand draft shall be rejected.
- ❖ Registration fee is non-refundable.
- ❖ No TA/DA will be provided for attending the course.
- ❖ Only limited number of participants will be selected on **first-cum-first serve basis.**

ORGANIZING COMMITTEE

Patron: Prof Sunil K. Sarangi
Director, NIT Rourkela

Coordinator: Dr. Manoj K. Moharana

IMPORTANT DATES

Last date for receipt of application: 01 Dec 2013
Notification about selection : 05 Dec 2013

Only limited number of participants will be selected on **first-cum-first serve basis.** Selected candidates will be informed by email. Complete information for communication must be necessarily provided in the registration form.

ACCOMMODATION

Accommodation will be arranged for outside participants at NIT guest houses on prior request on standard tariff.

CONTACT

For application form or for any other clarification please contact

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TWO DAY

SHORT TERM TRAINING PROGRAM

ON

RESEARCH METHODOLOGY IN ENGINEERING

(RME-2013)

23-24 Dec 2013



Department of Mechanical Engineering
National Institute of Technology Rourkela
Rourkela 769008 (Odisha)

ABOUT NIT ROURKELA

National Institute of Technology Rourkela was founded as “Regional Engineering College Rourkela” on 15th August 1961. The institute was declared as “National Institute of Technology” with “Deemed to be University” status on 26th June 2002 and subsequently “Institute of national importance” under the act of parliament on 15th August 2007. NIT Rourkela provides quality education in a diverse and multi-cultural environment. The mission of the institute is to meet the needs of the industry and commerce by providing human resource with the required knowledge and skill and also by promoting, dissemination, developing and transferring technology. The institute strives hard to become an internationally acclaimed institution of higher learning that will serve as a source of knowledge and expertise for the society and be a preferred destination for undergraduate and post graduate students.

NIT Rourkela is a residential campus offering accommodation to the faculty, staff and students. The campus has all the amenities for developing personal, social and academic skills of the student community.

The Department of Mechanical Engineering is the largest among all of its departments at NIT Rourkela with about 180 students doing their master’s degree and another 150 students are pursuing their doctoral program in different fields of cutting edge technology of the present time.

The location of the institute is about 8 kilometres from Rourkela Railway station and 2 kilometres from central bus-stand. It is well connected to major cities of India by direct rail link. The nearest airports are Bhubaneswar, Ranchi, Raipur and Kolkata.

INTRODUCTION TO THE PROGRAM

The main objectives of postgraduate education, e.g. M.Tech and Ph.D are to prepare intellectual leaders who will do the groundwork to create new paradigms and products for tomorrow. Postgraduate education needs to provide deeper experience in the values, norms, and practices of the chosen profession while also developing the skills, tools, and habits of inquiry within a discipline. Hence, when it comes to postgraduate education, the quality concerns are much more important than quantity concerns.

According to a 2010 Nasscom report, India’s fast growing engineering R&D services industry has reached \$10 billion and employing about 85,000 engineers and it is still growing. In this background there is a greater demand for PhD qualified personnel who have acquired research experience at least in academic environment.

The main objective of this program is to impart practical knowledge on research methodology which is very essential for successful completion of PhD. Research methodology is vital for PG students especially those pursuing or planning to pursue their master and/or doctorate degree.

COURSE CONTENT

- ❖ Importance of research
- ❖ How to find a Research Problem; effective literature review
- ❖ Design of experiments
- ❖ Data processing
- ❖ Preparing enduring images and diagrams
- ❖ How to Prepare a journal manuscript
- ❖ Selection of journal for possible publication
- ❖ How to increase chances of manuscript acceptance

- ❖ Ethical and copyright Issues in research
- ❖ SCI Index, impact factor, half-life of journal
- ❖ Salesmanship in research

WHO SHOULD ATTEND?

This program is intended for research scholars pursuing M.Tech or Ph.D at any academic institute/ research laboratory. This program will also be helpful to students/faculties planning to pursue M.Tech/Ph.D in near future in the field of engineering. Engineers from industries engaged in research activity will also be benefitted by attending this course. The successful participants will be given participation certificate.

COURSE FEE

- a. Student/research scholars: 1000/-
- b. Faculty: 2500/-
- c. Delegates from industry: 4000/-

The course fee includes course material, working lunch, and refreshment during the program days. Accommodation at NIT guest house can be provided at a nominal cost (to be paid by the participant) as per institute rule on '**first cum first serve**' basis.

PAYMENT

Registration fee has to be paid through Demand Draft in favour of "**Continuing Education, NIT Rourkela**" payable at **NIT Rourkela**. Demand draft along with completely filled in application form should reach Dr. M.K. Moharana, Department of Mechanical Engineering, National Institute of Technology Rourkela, Rourkela-769008 (Odisha) on or before **01st December 2013**. The registration form is also available at www.nitrkl.ac.in for downloading.