RESEARCH METHODOLOGY IN ENGINEERING
A PRACTICAL INSIGHT FOR RESEARCHERS

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

For details about this course please visit https://tinyurl.com/rme-2022
RESEARCH METHODOLOGY IN ENGINEERING
A PRACTICAL INSIGHT FOR RESEARCHERS
23-27 July 2022

In hybrid mode (Both online & off-line)

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RESEARCH METHODOLOGY IN ENGINEERING
A PRACTICAL INSIGHT FOR RESEARCHERS

Principal Coordinator: Prof. Manoj Kumar Moharana
Coordinators: Prof. B. Kiran Naik
Prof. Kishore Singh Patel

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About NIT Rourkela
Where everyone strives to attain their potential

NIT Rourkela is one of the premier national level institutions for technical education in India. It is an institute of national importance created under the act of the parliament of India. It provides quality education in a diverse and multi-cultural environment. The Institute aspires to be among the internationally highly acclaimed institution of higher learning that will serve as a source of knowledge and expertise for society and be a globally preferred destination for undergraduate and graduate studies.

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Course Content
This course will provide a practical insight to researchers doing their master’s or doctoral degree or pursuing research at any research institute.

The main objective of this program is to impart practical knowledge on research methodology which is very essential for successfully conducting research and disseminate the same for the welfare of the society as a whole. The course content include understanding need of research, finding a suitable research problem through literature review, preparing manuscript post research work, communicating manuscript to suitable journal and conferences, submitting research funding proposals and international travel grant application, stress management etc. to name a few.

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Course Content
Other topics include but not limited to

- Preparing plots, and diagrams for manuscript preparation
- Library resource management
- Salesmanship in research
- Ethical and copyright Issues in research
- SCI Index, impact factor, the half-life of journal
- Plagiarism and ethics
- Preparing manuscript for conferences
- Preparing manuscript for referred journals
- English for research writing
- Writing research proposal for research funding
- Making poster and PPT for conferences
- Stress management etc.

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The knowledge imparted in this course will make the life of a researcher comfortable.

The imparted knowledge can help in preparing quality research and quality thesis.

Who can attend?
- Undergraduate/post graduate students
- Research scholars
- Teachers
- Practising engineers

Target Audience
Individuals aspiring to be an expert in CFD

This course is meant for individuals planning to pursue their master’s / doctoral program or are pursuing their master’s / doctoral program at any education institute. This course will also be useful to industry personnel and research laboratory employees involved in any kind of research and development (R&D) activity.

Relevant branches
This course will be useful to all branches of science and engineering.

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Course Details

HYBRID MODE: BOTH ONLINE & OFF-LINE

The course will be organized in hybrid mode of both online and off-line. The course consists of approx 40 hours to be conducted during 09.00 AM to 06.00 PM (Indian Standard Time)

Dates: 23-27 July 2022

Venue:
PPA Auditorium, NIT Rourkela, Odisha and live on Microsoft Team

Course website link tinyurl.com/rme-2022

Course registration link tinyurl.com/2022-rme
Indian Nationals

**Attending online:**
- Rs 944 (Rs 800/- plus 18% GST)*
- Rs 1180 (Rs 1000/- plus 18% GST)**

**Attending in person:**
- Rs 1475 (Rs 1250/- plus 18% GST)

**Other than Indian Nationals**
- US$ 30/- (Online during 9.00 AM-6.00 PM Indian Standard Time)*

Course registration link: tinyurl.com/2022-rme

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**COURSE FEE**

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**MODE OF PAYMENT**

Online bank transfer to the following bank account

Bank account number: 10138951784
Account name (as per bank record): CONTINUING EDUCATION NIT ROURKELA
IFS Code: SBIN0002109
Name of Bank: State Bank of India
Bank Branch Address: NIT Campus, Rourkela, Odisha 769008 (India)
MICR No: 769002007, SWIFT Code: SBININBB137

*Digital participation certificate (PDF or TIFF) will be provided via email
**Printed participation certificate will be provided via speed-post