

REGISTRATION FORM

National workshop

On

Tribology for Equipment Reliability (NWTER-2022)

On

12-16 September 2022

Department of Mechanical engineering,
NIT Rourkela

Name:

Designation:.....Department:

Organization:

Mailing Address:

.....

Mobile:

Email:

Accommodation Required (Yes/No):

Payment Details: Amount: Rs/-

Demand Draft No.: Date:/...../2022

Bank:

Date:/...../2022

Signature of Applicant

The registration fee can be paid by account transfer or in the form of crossed Demand Draft drawn in favor of , CONFERENCE NIT ROURKELA Payable at SBI NIT campus Rourkela.

IMPORTANT DATES

For the registration, application form can be down loaded from the link given below and the filled form need to be send on or before **31st August-2022**.Registration can also be done off line by sending the hard copy of the form by post.

<https://www.nitrkl.ac.in/Academics/Events/Workshops/>

REGISTRATION FEE

- a. Students/research scholars: 2000/-
- b. Faculty from Academia : 3500/-
- c. Delegates from Industry &R&D units : 20000/-

* The workshop fee includes workshop kit, course material, working lunch, and refreshment during the program days. Accommodation can be arranged for outside participants at NIT guest houses on a payment basis.

The registration fees can also be paid directly by account transfer.

Branch Name: SBI, NIT Campus, Rourkela.

IFSC code: SBIN0002109

Account Name: CONFERENCE NIT ROURKELA

Account Number: 36734418111

CONTACT

For application form or for any other clarification please contact

Prof. S. K. Acharya Or Prof S.K.Behera

Mob: +91-9437248460, 9040893760

Email ID: skacharya@nitrkl.ac.in

beherask@nitrkl.ac.in

National Workshop

On

Tribology for Equipment Reliability (NWTER-2022)

On

12-16 September 2022

Department of Mechanical engineering.



Organised by



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

ABOUT NIT ROURKELA

National Institute of Technology Rourkela is an Institute of National importance for technical education established by the Government of India. The institute is an internationally acclaimed institution of higher learning that serves as a source of knowledge and expertise for the society and is a preferred destination for undergraduate, post graduate and research students. The institute research centers are engaged in several consultancy and research activities of DST, CSIR, DRDO, BARC, ISRO etc. The department of Mechanical engineering here is engaged in aggressive research in the field of tribology leading to development of a series of wear resistance coatings and composites in addition to research in the field of rotor dynamics and engine tribology.

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, Jharsuguda and Kolkata.

INTRODUCTION TO THE PROGRAM

The theme of the workshop “**Tribology for Equipment Reliability**” is very apt in the current industry context. The new generation of equipment and plants are very capital intensive and highest level of

uptime is required to realize reasonable returns on the investment. Under such circumstances achieving the highest level of equipment reliability has become a business imperative. Tribology, as understood today, has a substantial effect on the performance of equipment and the cost of maintenance of assets in manufacturing industries. Systematic application of tribology results in improved life of components and machinery. In this perspective, the theme of the conference is well suited for the need of the hour.

The programme is intended to provide a national platform for interaction between renowned tribologists of the country and senior academia and Tribology practising manager from Indian industry as participants.

WORKSHOP

The workshop will cover different aspects of tribology, such as:

- ❖ Lubricants and additives
- ❖ Condition monitoring and maintenance
- ❖ Friction wear and surface engineering
- ❖ Materials
- ❖ Tribotesting
- ❖ Rotor dynamics
- ❖ Engine tribology
- ❖ Simulation and modeling.

POTENTIAL ATTENDEES

- Undergraduates and post-graduate students
- Research scholars

- Faculty and scientists
- Industry personnel

RESOURCE PERSONS

- Prof. S. V. Kailash, IISc Bangalore.
- Prof. Satish. C. Sharma IIT,Roorkee
- Prof. Arun Kumar Pradhan, IIT Bhubaneswar
- Prof. Prasanta. K. Sahoo, Jadavpur University
- Prof.R.N.Rao NIT Warangal
- Prof.B.Suresh NIE Mysore.
- Prof. S. K. Acharya, NIT Rourkela
- Prof.S.C.Mohanty.NIT Rourkela.
- Prof. Suraj Kumar Behera, NIT Rourkela
- Prof.Tarapada Roy,NIT Rourkela
- Prof.R.K.Patel NIT Rourkela
- Prof.Shantanu Kumar Behera NIT Rourkela
- Samarendra Pattanaik SAIL RSP
- Dr S.Murali Balmer Lawrie & company Ltd
- Magnum Engineers Pvt Ltd, Bangalore

LOCAL ORGANIZING COMMITTEE

Chief Patron:

Prof. K. Umamaheshwar Rao , Director, NIT Rourkela

Conveynor:

Prof. Samir Kumar Acharya, Mechanical Engineering Department

Co-Conveynor:

Prof. Suraj Kumar Behera, Mechanical Engineering Department.

