

Workshop on "Emerging trends in Materials research- a National perspective"

Department of Metallurgical Engineering
NIT Raipur

REGISTRATION FORM

Name:

Designation:

Organization:

Qualification:

Correspondence Address:

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Tel. (O) (R)

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E-Mail:

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Registration Fee
Paid herewith in the form of Cash/

Amount

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Cheque/DDNo.....Date:.....

Name of the

Bank.....

Accommodation Required: Yes / No

Date:

Place:

Chief Patron

Dr. S. Tiwari, Director, NIT Raipur

Patron

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

Chairman

Prof. A.P. Rajimwale

Dean (Students' Welfare), NIT Raipur

Coordinators

Dr. Sudip K. Sinha

Dr. Subhas Ganguly

Convener

Prof. M K Chopkar

Organizing Committee Members

Metallurgical Society (METSO), NIT Raipur

Important Dates

Registration: September 12th, 2016

Workshop date : September 23rd -24th, 2016

Address for Correspondence

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Department of Metallurgical Engineering,

National Institute of Technology, Raipur

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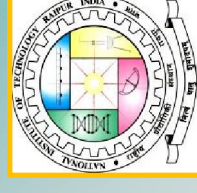
Website: www.nitrr.ac.in

Workshop on
“Emerging trends in
Materials research- a
National perspective”

Technical Education
Quality Improvement
Programme (TEQIP-II)
sponsored on 23rd- 24th
September 2016

Organized by

Department of Metallurgical
Engineering, NIT Raipur



National Institute of Technology
Raipur-492 010 (Chhattisgarh)

Department of Metallurgical Engineering NIT Raipur

About Raipur

Raipur is the capital of one of the newly established Indian states, Chhattisgarh. One of the richest cities and the biggest iron market in India, Raipur is a major commercial hub for trade and commerce. Situated in the fertile plains of Chhattisgarh, Raipur is spread over 226 square kilometers. Apart from a vast development in industries, Raipur is equally growing in tourism. It is well connected by air and railways with the major cities in India. The most popular and visited places include, Energy Park, Gandhi Udyan, Purkhouti Mukhtangan, Burha Sarowar, Doodhadhari Monastery, Nandanwan Zoo, Mahamaya Temple, Vivekananda Ashram *etc.* These places offer a great understanding of Raipur's tremendous history and marvellous culture.

NIT Raipur

NIT Raipur started its journey as Govt. Engineering College; Raipur in the year 1956



achieved the NIT status, an Institute of National Importation, in the year of 2005. The Institute offers graduate and undergraduate programs in various engineering discipline.

Metallurgical Engineering Department

The Department of Metallurgical Engineering is one of the premier branches of the Institute serving to cater the need of trained manpower to the metallurgical industries located in and around central part of India since the time of its inception.

How to reach

The institute is 7 km from Raipur railway station and about 20 km from airport and is situated at GE road. Raipur city is well connected to major cities by air, train as well as by road.

Background about the workshop

The aim of this workshop is to give the attendees valuable tools to unravel the structural and micro or nanostructural parameters of samples and/or devices. Leading experts from various fields will share their noesis on diverse techniques, starting from the basic principles and including practical examples. The proposed program would attempt to explore various aspects of materials synthesis and characterization in various fields including but not limited to: the phase and compositional identification/quantification, crystallographic structure, crystallite size and distribution, defect types, defect density, texture, residual stress, layer thickness, interface roughness, particle size distribution, electronic and optical properties of functional materials *etc.* Academics, industrial laboratory staff, engineers, researchers, scientists, educators and leading professionals in the field of metals and alloys, ceramics and glasses, semiconductors, nanomaterials, thin film, solar cells, batteries and advanced materials are encouraged to attend and learn how classical and novel structural, mechanical, opto-electronic methods can help in their work.

Key Speakers

Dr. T. A. Abinandanan (IISc.Bangalore), Dr. Debalay Chakrabarti (IIT Kharagpur), Dr. Amritendu Roy (IIT Bhubaneswar), Dr. Partha Sarathi Dey (IIT Bhubaneswar), Dr. Somnath Bhattacharya (NIT Raipur)

Who can attend

Final year UG/PG students, Research Scholars and Faculty Members, Industry people, with background in Metallurgical, Ceramics, Mechanical, and Chemical Engineering and also basic sciences (Physics, Chemistry and Bioscience *etc.*).

Registration Fee Details (in INR)

Participants	September 12 th , 2016
Students UG/PG/PhD	500
Faculty	750
Participants from Industry /Others	2000

Number of participants is limited to 50. Applications in prescribed format with registration fee in the form of Demand Draft drawn in favour of “**Director, NIT-Raipur**” should reach the convener on or before **September 12th 2016**. Registration fee includes workshop materials, tea and lunch on event days. Accommodation may be provided in the institute's guest house /visitor's house / student hotels on payment and availability basis.

All the participants are requested to carry their own laptops for hands on training during the program.