

**STTP on "Advanced Techniques
in Multiscale Materials Modelling
2017 (ATMMM-17)"**

Department of Metallurgical Engineering
NIT Raipur

REGISTRATION FORM

Name:

Designation:

Organization:

Qualification:

Correspondence Address:

Tel. (O) (R)

(M)

E-Mail:

Registration Fee

Paid herewith in the form of Cash/

Amount

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

Name of the

Bank.....

Accommodation Required: Yes / No

Date:

Place:

Chief Patron

Dr. A.M.Rawani, Director, NIT Raipur

Patron

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

Chairman

Prof. A.P. Rajimwale

Dean (Faculty Welfare), NIT Raipur

Coordinators

Dr. S. Bhattacharya; Dr. S K Sinha

Convener

Dr. Subhas Ganguly

Important Dates

Registration start: Oct. 25th, 2017

STTP date : November 09th - 13th, 2017

Address for Correspondence

Dr. S. Bhattacharya, Dr. Subhas Ganguly

*E-mail: somnabhattach.me@nitrr.ac.in ;
sganguly.met@nitrr.ac.in*

Mob: 9752069677; 09433396665

Department of Metallurgical and Mechanical
Engineering,

National Institute of Technology, Raipur

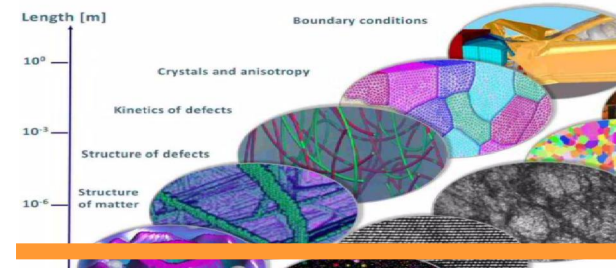
G.E. Road Raipur (C.G), Pin – 492010

Website: www.nitrr.ac.in

**TEQIP-III sponsored
Short Term Training
Program on**

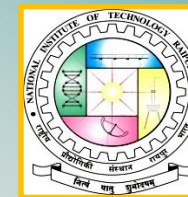
**“Advanced Techniques in Multiscale
Materials Modelling 2017 (ATMMM-
17)”**

09th -13th Nov. - 2017



Organized by

**Departments of Metallurgical and
Mechanical Engineering, NIT Raipur**



**National Institute of Technology
Raipur-492 010 (Chhattisgarh)**

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.

Mechanical Engineering Department

The **Department of Mechanical Engineering** came into existence in 1958. The department aims at imparting the state of the art knowledge and skills to the students. The department provides an outstanding research environment and offers academic program leading to the award of B.Tech and M.Tech. degree. Department also offers Ph.D. program in all relevant discipline of Mechanical Engineering including Design, Production, Thermal and Industrial Management.

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

Modeling based studies are becoming increasingly important in all areas of science and engineering. Applications of Materials Science and Engineering ranges from the theoretical prediction of the electronic and structural properties of materials to kinetics & equilibria, or modeling in materials processing and manufacturing operation. The aim of this workshop is to give the attendees valuable tools to unravel the various advanced modelling and simulation techniques for engineering materials and their synthesis methods. 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 modeling/simulation on engineering property aspect as well as their fundamental behavior. Academics, industrial laboratory staff, engineers, researchers, scientists, educators and leading professionals in the field of metals and alloys, ceramics and glasses, thin film, and advanced materials are encouraged to attend and learn how classical and novel modelling simulation methods can help in their work.

Key Speakers

Dr. Snehanshu Pal (NIT Rourkela), **Dr. Amritendu Roy** (IIT Bhubaneswar), **Dr. S. Sanyal** (NIT Raipur) **Dr. Subhas Ganguly** (NIT Raipur), **Dr. Somnath Bhattacharya** (NIT Raipur), **Dr. S. Bhowmick** (NIT Raipur), **Dr. S K Sinha** (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	November 06 th , 2017
Students UG/PG/PhD	500 /-
Faculty	1000 /-
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 favor of “**Director, NIT-Raipur**” should reach the convener on or before **November 9, 2017**. 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. *Registration fee will be waived for limited number of students of NIT Raipur only on first come basis.*

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