

SHORT TERM TRAINING PROGRAMME
"SYNTHESIS AND APPLICATIONS OF
ADVANCED MATERIALS"

April 15th -19th , 2016 (Under TEQIP Phase-II)

REGISTRATION FORM

Name :.....
Qualifications :.....
Designation :
Organization :.....
Experience (in years):.....
Correspondence Address :.....
.....
.....
Tel. : (O).....(R).....
(M)
Fax No. :.....
E-Mail :.....
Registration Fee.....
Paid herewith in the form of Cash

Amount :.....
DD No.:..... Date:.....
Name of the Bank:.....
Accommodation Required: Yes/No
Date :..... Place:.....
Signature:.....

Note: DD should be in favor of Director,
NIT Raipur, payable at Raipur.

Duly filled registration form (Hard
Copy) with DD should be sent to the
coordinators latest by 31st March 2016.

CHIEF PATRON

Dr. S. Tiwari, Director, NIT Raipur

PATRON

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

PRINCIPAL COORDINATOR

Prof. Sadhana Agrawal

COORDINATOR

Dr. Somnath Nag

ORGANIZING COMMITTEE

Prof. A. K. Shrivastav

Dr. A. Khare

Dr. B. K. Sahoo

Dr. S. M. Saini

Dr. K. S. Ojha

Dr. P. Mishra

Dr. O. N. Verma

ADDRESS FOR CORRESPONDENCE

Prof. Sadhana Agrawal

sagrawal.phy@nitrr.ac.in

(+91 9993885860)

Dr. Somnath Nag

snag.phy@nitrr.ac.in

(+91 9932584517)

Department of Physics
National Institute of Technology,
Raipur

G.E. Road, Raipur – 492010 (C.G.)

Website : www.nitrr.ac.in

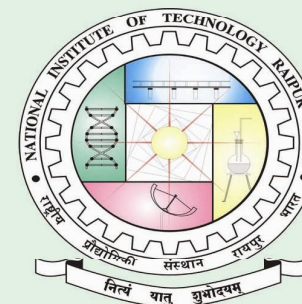
**National Level
SHORT TERM TRAINING
PROGRAMME**

ON

**SYNTHESIS AND
APPLICATIONS OF
ADVANCED MATERIALS**

April 15th -19th , 2016

(Under TEQIP Phase-II)



PRINCIPAL COORDINATOR

Prof. Sadhana Agrawal

COORDINATOR

Dr. Somnath Nag

ORGANIZED BY:

**Department of Physics
National Institute of Technology
Raipur (C.G.) - 492 010, INDIA**



NIT Raipur

NIT Raipur, earlier known as Govt. Engineering College, started in 1956. From 1st December 2005, the institute has become the National Institute of Technology, Raipur and provides courses for B.Tech, M.Tech and Ph.D. degree.

About Department

The Department of Physics came in existence since 1956. The Department caters to the needs of B.Tech first year students both in theory and practical. Apart from this, the department offers academic program leading to the award of Ph.D. degree.

How To Reach

The institute is 5 km from Raipur railway station and about 20 km from airport. Raipur is well connected to all parts of India through frequent railway and airway services.

Objectives of the Course

This course will highlight on the methods and techniques of synthesis of materials with potential of usage of their noble properties, some basic characterization techniques and application of such “new” and noble materials. The event will focus on optical materials, OLED, materials for energy storage, solid state ionic systems, materials for nuclear and solar energy applications with a motivation to educate the young researchers about the materials based devices and to disseminate practical knowledge about the field. The course includes by laboratory visit to demonstrate the various characterization techniques et XRD, SEM TEM, FTIR, UV Visible, TL and PL spectroscopy and other characterization techniques along with the lectures on above topics. The course also aims to discuss theory and application of Fourier Transformation in understanding the diffraction process, Scattering Data Analysis, Inversion by Maximum Entropy Method. and Rietveld Method.

Eligibility

Participation in this Short Term Training Programme (STTP) is open to the Research scholars, Young Faculties, PG and final year UG students of Science and Engineering streams.

Speakers :

- Prof. H. K.. Sahu, IGCAR Kalpakkam
- Prof. V. Natarajan, HBNI Mumbai
- Prof. R. C. Agrawal, RSU Raipur
- Prof. K.V.R. Murthy, MS University, Baroda
- Dr. S. Achary, BARC Mumbai
- Prof. D. P. Bisen, RSU, Raipur
- Prof. Dhoble, Nagpur University
- Dr. Vaidyanathan Sivakumar, NIT Roukela
- Speakers from NIT Raipur

Registration Fee Details

For Industrialists	Rs 3000/-
For Faculties	Rs 2000/-
For Research Scholars/PG	

Rs.1000/-

For UG	Rs. 500/-
--------	-----------

Number of seats is limited to 20, short-listing will be done on first cum first serve basis and intimation will be sent to the candidates by email as per the schedule. Certificates will be issued to the participants only after attending the complete course. No TA/DA will be paid to the participants. As per availability limited accommodation can be provided upon request and on payment basis.