

**Short Term Training Program (STTP) on
Advances in Analytical Techniques in
Chemistry and Material Science
(AATCMS-2016)
February 08-12, 2016**

REGISTRATION FORM

Name:

Designation:

Organization:

Qualification:

Correspondence Address:

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Tel. (O) (R)

(M)

E-Mail:

Registration Fee is paid in the form of
Cash/DD

Amount

No.....Date

Name of the
Bank.....

Accommodation Required: Yes / No

Date: Place:

Signature

Note:

- Demand draft should be made in favour of Director, National Institute of Technology Raipur, payable at Raipur.
- Photocopies of registration form may be used.

Patron/ Chairman

Prof. Sudarshan Tiwari,
Director, NIT Raipur

Chairperson

Prof. S Sanyal
Dean Research and Consultancy, NIT
Raipur

Principal Coordinator

Prof. Fahmida Khan

Coordinators

Dr Kavita Tapadia
Dr Tungabidya Maharana
Assistant Professor
Department of Chemistry, NIT Raipur

Organizing Committee Members

Dr SP Mahapatra
Dr S Penta
Dr K A Siddiqui
Dr S Agrawal
Dr Arti Rastogi
Dr SB Singh
Dr S K Pattanayak

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**One Week
Short Term Training Program
on**

**“Advances in Analytical Techniques in
Chemistry and Material Science”
(AATCMS-2016)**

February 08-12, 2016



Organized by

Department of Chemistry



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

About the Institute:

National Institute of Technology Raipur situated in the capital of Chhattisgarh, has proven to be 'avant-grade' in the field of science and technology over past few decades in this region. With sweet memory of foundation ceremony by our president Hon'ble Dr. Rajendra Prasad on 14th September 1956. the institute started with two departments namely Metallurgical and Mining Engineering. Later the inauguration of the Institute building was done by our Prime Minister Hon'ble Pt. Jawahar Lal Nehru on 14th March 1963. From 1st December 2005, the institute has become the National Institute of Technology. It is well connected with Mumbai, Delhi and all metro cities by regular flights and is on the main Howrah-Mumbai railway route. The institute is 5 km from the Raipur railways station and 18 km from airport on NH-6, the Great Eastern Road.

About Department:

Department of Chemistry came in existence since 1956. The department provides an outstanding research environment and offers academic program leading to the award of Ph.D. degree. Apart from this, department taking care of all 1st year B.Tech branches and training them in basic fundamentals of applied chemistry, Environment & Ecology, Physical & organic chemistry (IV Sem) and Geochemistry practicals (M.Tech).

Venue:

**Department of Chemistry
NIT Raipur (CG) – 492 010, INDIA**

Objectives:

The objective of this programme is to train the faculty members, research scholars, young scientists, and postgraduate students of various organizations. The objectives of the workshop are to provide a platform for interaction and exchange of ideas on advancements in the field of different analytical techniques in Chemistry and Material Science. This workshop involves invited lectures by distinguished experts in the field of Analytical techniques. The workshop also involves hands-on experience of Analytical Techniques available at NIT Raipur viz. FTIR, UV-Vis, Fluorescence, PGSTAT, XRD, SEM etc. The objectives of the workshop are:

1. To highlight the current analytical techniques in various fields of Chemistry
2. To provide a platform to the researchers with recent advances in the area of Analytical techniques
3. To provide some hand-on experience of analytical techniques like UV-Vis, FTIR, Fluorescence spectroscopy.
4. To provide a common platform for the interaction of academic and industrial researchers.

Theme/Scope:

Participants can upgrade their knowledge on Advanced Analytical Techniques. They will have opportunity to learn the basic and new ideas about real world problems (i.e. problems related to Science and Engineering).

Topics to be covered:

- FTIR spectroscopy
- Fluorescence Spectroscopy
- Atomic Absorption Spectroscopy
- Potentiostat Galvanostat
- Polymer Characterization Techniques
- Chromatographic Techniques
- And more Analytical Techniques

Targeted Participants:

- Persons working in different industries such as chemical, polymer, pharmaceutical, rubber industry etc.
- Researchers from academic institutes and industries
- Faculties from NIT Raipur and nearby institutes
- Research Scholars from Department of chemistry, Chemical, Biotech/ Biomed etc and other institutes

Registration Fee Details (in INR):

Participants	Amount (in Rs)
Students	1000
Faculty	1500
Industry Delegates	3000

Application in the prescribed format with registration fee in the form of Demand Draft drawn in favor of "**Director, NIT Raipur**" must reach the coordinator on or before **31st January, 2016**. Registration fee includes registration kit, tea and lunch during the program. Fee is non-refundable. Selected candidate will be informed by email as per the schedule. Certificates will be issued to the participants only after attending the complete course.