

Short Term Training Programme (STTP)
on “Environmental Challenges and
Remedies” (ECR-15)

25th - 29th May 2015

REGISTRATION FORM

Name:

Designation:

Organization:

Qualification:

Correspondence Address:

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Tel. (O) (R)

(M)

Fax. No.....

E-Mail:

Registration Fee: Paid herewith in the
form of Cash/Cheque/DD

Amount

No.....Date

Name of the

Bank.....

Accommodation Required: Yes / No

Date: Place:

Signature

Note:

- Cheque/DD should be in favour of Director,
National Institute of Technology Raipur,
payable at Raipur.
- Photocopies of registration form may be
used.

Patron

Dr. S. Tiwari, Director, NIT Raipur

Coordinators

Dr. P. K. Chaudhari, Associate Professor,
Dept of Chemical Engineering., NIT Raipur

Dr. B. Mazumdar, Associate Professor,
Dept of Chemical Engineering., NIT Raipur

Co-coordinators

Dr. Kavita Tapadia, Assistant Professor,
Dept of Chemistry, NIT Raipur

Dr. Tungabidya Maharana , Asstt. Professor,
Dept of Chemistry, NIT Raipur

Organizing Committee Members

Mr. A. K. Poonia
Mr. V. K. Singh
Dr. Amit Keshav
Mr. Dharm Pal
Dr. Prabir Ghosh
Dr. R. Manivanan
Dr. J. AnandKumar

Address for Correspondence

STTP Coordinator,

Environmental Challenges and
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Short Term Training Programme
on

Environmental Challenges and
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Organized by

Department of Chemical Engineering
and Chemistry



Continue Education Cell

National Institute of Technology
Raipur-492 010 (Chhattisgarh)

About Raipur

Raipur, capital of Chhattisgarh is a historical city of India. Energy Park, Gandhi Udyan, Purkhouti Mukangan, Burha Sarowar, Guru Ghasidas Museum, Nandanwan Zoo, Mahamaya Temple etc. are some of the interesting places to visit in Raipur. Raipur is a fast developing city and emerging as education hub of India. Many institutions like National Law University, AIIMS, IIM, Engineering and Medical Colleges have been established here. Since, Chhattisgarh is rich in mineral, agriculture and forest, many public sector, private sector and multinational companies are situated around Raipur.

About NIT Raipur

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, was founded in 1956. Presently, the institute offers 12 undergraduate and 6 postgraduate courses & Ph.D.

About Chemical Engineering and Chemistry Department

Department of Chemistry started in 1955 and Chemical Engg. in 1963. Chemical Engg. Deptt. offers undergraduate course in Chemical Engineering, post graduate course in Chemical Process Design. Both the Deptt. offers Ph.D. program. The departments have well established laboratories.

Background of the course

Due to urbanization and industrialization the amount of fresh air and portable water is decreasing. Ground water is also being polluted by various chemicals. Solid waste is increasing day by day. Three strategic are employed in waste minimization: refuse, reduction and recycling. Solid waste quantities are presently reduced by separating usable materials, incineration/composting of organics and land filling of unusable materials. Similarly the wastewater is being treated by multi step processes. After the treatment, the treated water is recycled. Air pollutants are also removed by various techniques. New method for removal of pollutants are coming into picture that are focused on minimal waste and zero discharge technology so that International Standard can be met.

In present short term course, the original researchers from academics (NITs, IITs and Universities) and research institutes will be invited to deliver lectures in field of Environmental issues. It will be surely beneficial for participants to increase their knowledge and apply this in class room teaching as well as research and application

Targeted Participants

- Academicians
- Scientists
- Industry Professionals
- Students and research scholars

Focus Areas

The purpose of this course is to provide knowledge to students, engineers, industrial chemists, academics to environmental problems and various techniques to solve these.. The course covers a very wide range of topics:

- Zero discharge and waste minimization
- Recent trends in cleaner technologies
- Wastewater treatment technologies
- Air pollution minimization and removal of air pollutants
- Treatment of solid waste and its minimization
- Environmental management
- Modelling and simulation of environmental problems
- Alternate energy sources
- Green technologies
- Monitoring of pollutants and its analysis

Registration Fee Details (in INR)

Participants	Amount (in Rs)
UG Students	1000
PG / PhD Scholar	1500/2000
Faculty	3000
Industry Delegates	4000

Applications in prescribed format with registration fee in the form of Demand Draft/Cheque (SBI) drawn in favour of "Director, NIT-Raipur" must reach the coordinator before 20 May, 2015. Registration fee includes conference materials, tea and lunch on event days. Boarding, lodging and travel expenses should be borne by the participants. However, limited accommodation in hostel / guest house may be arranged on nominal charge.