

Course fees

Category	Course fees
PG Students	Rs. 10000.00
Research Scholars / Faculty members / Scientists from R & D	RS. 20000.00
People from Industries	Rs. 25000.00
Foreign Participants	USD 300.00

*The course fee include registration kit, snacks, lunch and lodging.

Nomination and payments

Please fill-up the registration form and deposit the registration fee online to A/C No. 0986101009746 of Canara Bank, IFSC Code: CNRB0000986, Name of A/C holder: Registrar, Indian Institute of Technology, Indian School of Mines, Dhanbad and email the filled up registration form (specifying amount paid, date of payment and the online transaction ID) to the course coordinator by 17th July, 2017. Participants can also send the hard copy of the registration form along with the Demand Draft (DD) drawn in favor of "Registrar, Indian Institute of Technology (Indian School of Mines, Dhanbad- 826004" payable at Dhanbad.

Contact Details

Dr. Swapan Dey

Course Coordinator

Mob. 09430191732; Office: 03262235607

Email: deyswapan77@yahoo.com

Department of Applied Chemistry

IIT-ISM, Dhanbad-826004

Short-Term course

on
Pollutions in Industrial Environment, Analysis and their Remediation with Green Techniques

24th – 26nd July, 2017

REGISTRATION FORM

Name:

Designation:

Organization:

Gender:

Educational qualification:

Address for Correspondence:

Mobile No:

E-mail ID:

Accommodation Required: (Yes/No?):

Experience:

Teaching:

Others (Specify):

Details of Demand Draft (DD)/online payment:

Amount:

DD Number/Online Transaction ID with date:

Date:

Signature of Applicant

A short term course

on

Pollutions in Industrial Environment, Analysis and their Remediation with Green Techniques

24th - 26th July 2017

Venue



IIT-ISM Industry Institute Interaction Facility
NBCC Shopping Centre (2nd Floor),
New Town, Rajarhat, Kolkata



Organised by



Department of Applied Chemistry
Indian Institute of Technology
(Indian School of Mines)
Dhanbad, Jharkhand
www.iitism.ac.in

Introduction

The Department of Applied Chemistry is actively involved in inter-department collaborative work in terms of R & D, consultancy and also in joint Ph D guidance. We conduct qualitative and quantitative analysis based on industry related environmental work. From this point of view, a course is now being organized to create awareness to the people when people are taking part in Swachh Bharat Mission. A big part of the course is based on interaction, which is very attractive for students and scientists and also for the industry people. This course introduces the fundamentals of pollution in industrial areas, its analysis and abatement technologies. It would also make the participants aware about pollution prevention in daily life.

Think globally at locally

Course content

- ❖ Information about major pollutants in Industrial areas, their sources, and effects in environment, economic and health.
- ❖ An introduction to the methods to estimate pollution emission from different sources.
- ❖ The consideration of the major approaches for pollution modeling.
- ❖ The consideration of the issues of pollution and personal exposure to the pollution.
- ❖ A demonstration of methods of estimating disease burden or health impacts of pollution.
- ❖ Identification of toxic metal ions upto ppb level on employing organic sensors.
- ❖ Development of biopolymeric nano composite and application towards removal of toxic heavy metal ions.
- ❖ CO₂ sequestration of flue gas through micro algae.

Target Participants

Academicians, Industry Officials, Mining Personnel, Scientists from R & D and industries, PG Students, Research scholar, NGO and Interested persons.

About IIT-ISM

IIT-ISM Dhanbad, a fully residential university is situated in Jharkhand, India and it was established in 1926 on the model of Royal School of Mines, London. Apart from earth and mineral science departments of national and international reputation, the institute has expanded with diverse branches in engineering including Computer Science and Engineering, Electronics Engineering, Electrical Engineering, Mechanical Engineering, Mining Engineering, Petroleum Engineering, Chemical Engineering, Civil Engineering etc. and also MBA. The institute has 18 Departments and 4 Centers to educate more than 8000 students and hundreds of executives along with foreign nationals every year. The school has collaborations with many reputed universities worldwide.

About the Department



The Department of Applied Chemistry was established as a separate department in 1989. The Chemistry section was as a part of the Department of Chemistry Fuel & Metallurgy since 1926. The department offered few academic programmes like 2 years M. Sc in Chemistry (started in 2006) admission for which is through ISM Entrance Examination. The department also offers Ph. D programme, for which candidates are selected through NET/GATE or IIT-ISM Entrance Test. Besides these department also offers a number of courses in various B. Tech and M. Tech programmes in different department. The Department has well equipped laboratories and qualified faculty to make it an ideal Department for carrying out academic activities like Teaching, Research, HRD and Consultancy. A large number of students are also absorbed by renowned institutes in doing Ph D in India and also in aboard for higher studies. The department of Applied Chemistry is maintaining a high quality of teaching and research in the field of Chemistry.

About Kolkata & IIIF

In 1690, Job Chamok, an agent of the East India Company selected this place for a British trade settlement. The site was strategically selected, being protected by the Hooghly River on the west, a creek to the north, and by salt lakes about two and a half miles to the east. In 1772, it became the capital of British India and continued till 1912. At present it is the capital of West Bengal. There are many important offices like Coal India Ltd, Steel Authority of India Ltd, Hindustan Copper Ltd, Damodar Valley Corporation, Tata Centre, Haldia Petrochemicals, etc. The place is also the biggest education hub of Eastern India. There are many renowned institutes like Calcutta University, Jadavpur University, Presidency University, Indian Association for the cultivation Science, Indian Institute of Chemical Technology, Indian Statistical Institute, ISWBM, and many other engineering and medical colleges. The modern Kolkata has a unique combination of urban and rural life and is also known as "The City of Joy". There are many places to see like Science City, Indian Museums, Birla Planetarium, Temples, Churches, historical buildings like Tagore's house, stadiums and sports complexes. Kolkata is well connected by international airport and railway links.

IIT-ISM has put a dent in this City by opening an Industry-Institute-Interaction Facility at Kolkata in order to facilitate executives from industries, scientists, academicians, students for undergoing executive academic programmes like M.Tech and MBA, training, workshop, seminars, conferences, interactive sessions, interviews, etc from India and abroad.

