

NOMINATION & PAYMENTS

Nomination & Payment: the nomination letter should reach the coordinator on or before November 30th, 2017(e-mail/post) along with course fee through DD/RTGS.

COURSE FEE

INR 30,000 (for Indian Nationals)

INR 8000 (for Students & Research Scholars of Indian Universities/Institutes)

INR 500 (for IIT (ISM) Students and Research Scholars)

The above fees are per participant inclusive of service taxes. This will include of course materials, tea & snacks and working lunch. **The participants have to make their own lodging arrangement at Kolkata.**

BANK DETAILS FOR ONLINE TRANSFER

Canara Bank; Branch: Saraidhela, Dhanbad; A/c No: 0986101009746; IFSC Code: CNRB0000986; RTGS: CNRB0000986; MICR 826015003.

A copy of e-payment transaction details is requested to be sent to the course coordinator.

IIT (ISM), Dhanbad, being an Educational Institute, is exempted from Income Tax. PAN No. of ISM: AAAI0686D; Service Tax Reg. No. DNB/05/ISM/2001

Course Coordinators

Dr. Prasoon Kumar Singh

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Indian Institute of Technology (ISM), Dhanbad
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Prof. A. K. Singh

Chair Professor & HOD, Former CMD, CMPDIL
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Indian Institute of Technology (ISM), Dhanbad, 826004
Mobile No: +919006553502, Email: singhashok0707@gmail.com

Three days Training Program

On

Environmental Management: Special Emphasis on Water Resources Near Industrial Areas

27th - 29th December 2017

Venue:

Industry Institute Interaction Facility (IIIF)
NBCC Shopping Complex, New Town, Rajarhat, Kolkata

To, _____



From:

Dr. Prasoon Kumar Singh

Associate Professor & Course Coordinator
Department of Environmental Science & Engineering
Centre of Mining Environment
Indian Institute of Technology (ISM), Dhanbad-826 004
Mobile: +91-9431711057; E-mail: pks0506@yahoo.co.in

Three days Training Program

On

Environmental Management: Special Emphasis on Water Resources Near Industrial Areas

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Organized by

Department of Environmental Science & Engineering
Centre of Mining Environment
Indian Institute of Technology (ISM)
Dhanbad - 826004 (Jharkhand)
India
URL: <http://www.iitism.ac.in>

ABOUT IIT (ISM)



Indian Institute of Technology (ISM), Dhanbad was formally opened on 9th December, 1926, by Lord Irwin, the then Viceroy of India to address the need for trained manpower related to mining activities in the country with disciplines of Mining and Applied Geology. In 1967 it was granted the status of a deemed university under Section 3 of UGC Act, 1956. Since its establishment, ISM has undergone considerable expansion of its activities, and presently it can be considered as a total technology education institute. It is situated at the heart of the country's prime coking coal belt, 260 km from Kolkata with a campus spreaded over an area of 393 acres (with 218 acres of existing campus and 175 acres under acquisition and development). The fully residential IIT (ISM) has all the facilities of world class academic institute.



ABOUT THE DEPARTMENT OF ESE

The Department of ESE is created out of the existing Centre of Mining Environment (established in 1987 as CENTRE OF EXCELLENCE in the field of Mine Environment by MoEF, Govt. of India) at Indian School of Mines in June 2007 with the commencement of a regular B. Tech. program in Environmental Engineering under HIT-JEE (first of its kind offered by any national institute). The Department is remaining in the forefront of Environmental education, research and consultancy services in India. The ESE Department has well qualified faculty and staff dedicated to applied research in the field of Environmental Science & Engineering, Mine Environment and Environmental Geology. The Department has also excellent computing facilities with state-of-the-art software's like Arc-GIS, Modflow, Automatic Water Level Recorder, Aquifer Test PRO, Aqua Chem, Supermap GIS & SPSS, etc. The academic curricula is continuously revised to keep abreast of the industry needs as well as vision and an all-round development of the students is aimed at through practical training, field camps and study tours, seminars, project work, inter institute student technical meets and a host of extracurricular activities.

ABOUT THE TRAINING PROGRAM

Security and sustainable development of our water resources is one of the key problems of the 21st century. Improved water management can make a significant contribution to achieve the Sustainable Development Goals related to availability and sustainable management of water resources. Many international initiatives such as the Global Earth Observation System of Systems have identified earth observation as the key to helping to solve the world's water problems. Water resources is used for a variety of purposes, and these have very different quantity, quality, and timing characteristics. It is a fundamental natural resource that influences human health, ecology and economic development. The study of water is not only an academic endeavor, it is a lifelong determining process. Where is earth's water located and in what forms does it exist? Is it safe for drinking? In view of the vital impotence of water for human and animal, for maintaining ecological balance and for economic development of the country, optimal and economical use of water resources and its protection has become a matter of utmost urgency. Industrial activities require a large quantity of process water and create water pollution problems during their activities. This program will highlights the major water pollution problems associated with industrial activities, issues concerning the protection of water and wastewater for different end uses. This training will enable the executives to learn to manage water resources through water quality criteria, parameters and standards, water quality interpretation water quality indices water pollution and its management and waste water to make it reusable.

COURSE CONTENTS

Following topics will be covered:

- Need of Environmental Management near Industrial Areas
- Estimation of Groundwater Resources near Mining & Industrial Areas
- Water Pollution near Industrial Areas
- Water Quality Criteria, Parameters and Standards
- Water Quality Interpretation and Quality Indices
- Evaluation of Groundwater Poverty Index and Contamination Index
- Groundwater Pollution Modeling Near Industrial Areas
- Water Sustainability through Augmentation of Underground Pumped out Water
- Sustainable Groundwater Management Practices

RESOURCE PERSONS

Faculty members of IIT(ISM) Dhanbad and Guest faculty members from other premier institution/organization will deliver lecture.

TARGET PARTICIPANTS

Industry officials, executive engaged in environmental management, planning, Maintenance, Mining personals, Academician, Scientist, Students & Research scholars, NGO and interested persons etc.

VENUE

27th - 29th December 2017 at Industry Institute Interaction Facility (IIF) in IIT (ISM) Kolkata Centre, 2nd Floor of NBCC Shopping Complex, New Town, Rajarhat, Kolkata

IMPORTANT DATE

Last date for Registration, **November 30th, 2017**
(Selection will be based on the first cum first served basis from priority).

HOW TO APPLY

Applicants are requested to send the hard copy of the filled registration form along with Course Fee through DD/RTGS the Demand Draft/ Proof for online transfer by speed post/scanned copy by E-mail to the Course Coordinator. The Demand Draft should be drawn in favor of "Registrar, ISM Dhanbad" payable at Dhanbad.

**Three days Training Program
On
ENVIRONMENTAL MANAGEMENT: SPECIAL EMPHASIS ON
WATER RESOURCES NEAR INDUSTRIAL AREAS**

27th -29th December 2017

Venue:

Industry Institute Interaction Facility (IIF)
NBCC Shopping Complex, New Town, Rajarhat, Kolkata

Organized by

Department of Environmental Science & Engineering
Centre of Mining Environment
Indian Institute of Technology (ISM)
Dhanbad - 826004 (Jharkhand), India

REGISTRATION FORM

1. Full Name (in block letters):.....
2. Designation:.....
3. Mobile No.....
4. Mailing address:.....
.....
5. Phone
Off..... Res.....
Mobile.....
6. Email:.....
7. Remittance of Registration Fee:.....
8. DD. No. /Cash Amount:..... Drawn on.....
Place:
- Date:..... Signature

Note: Last date of application is November 30th, 2017. Send the filled registration form as scanned copy by e-mail (plks0506@yahoo.co.in)