

Training Program
on
**“Environmental Clearance Procedures
and
Impact Assessment for Mining Projects”**

June 07-11, 2017

Venue: IIT(ISM) Industry Institute Interaction Facility, Kolkata, India



Organized by



Department of Environmental Science and Engg.
Centre of Mining Environment
Indian Institute of Technology (Indian School of Mines)
Dhanbad 826004, Jharkhand, India
URL: <http://www.iitism.ac.in>

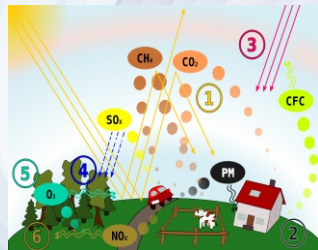
About The Course

Mining contributes about 2.2 to 2.5% of GDP and is vital for the economic growth of the country. The organized mining sector employs nearly 0.7 million people. Small scale mining approximately contributes to 6% of the total value of mineral production. Mining activities though temporary in nature but associated with various social and environmental problems. EIA Notification 2006 envisages proper identification assessment and mitigation of social and environmental problems of mining industry.

Training program on Environmental Clearance Procedures and Impact Assessment for Mining Projects is organized to bring all the stakeholders & regulators under one roof to understand Environmental Clearance Process. Training program will focus on the following areas of importance.

Course Content

- Formulation of TORs (Scoping Exercise)
- Social & R&R issues in Mining Sector
- Evaluation of CSR in Mining Projects
- Land Degradation causes and Remediation
- Water Pollution in Mining Areas as per EIA requirements
- Air Pollution – Monitoring, Assessment and Management
- Noise Pollution – Monitoring, Assessment and Management
- Hydro geological studies and its Interpretation in EIA
- Biological Reclamation of Mined out areas
- Remote Sensing and GIS Application in EIA
- Mine Closure Planning
- Environmental Legislation
- Public hearing and consultation procedure
- Cumulative Impacts of Small Mines and the emerging Cluster Approach
- Constraints of EC Process: View point of Mining Industry



About the department

The Department of Environmental Science & Engineering is created out of existing Centre of Mining Environment (Established in 1987 as center of excellence in the field of mine environment by the Ministry of Environment and Forests, Govt. of India) at Indian Institute of Technology (Indian School of Mines), Dhanbad in June 2007 with the commencement of a regular B.Tech. program in Environmental Engineering under IIT-JEE (first of its kind offered by any national institute). Apart from B.Tech. in Environmental Engineering, department is also offering M.Tech. in Environmental Science & Engineering from 1991 and Ph.D. in Environmental Science and Environmental Science & Engineering from inception in 1987. Department is well equipped with state of art laboratory in all the components of environment. Department is also offering services to industry in form of Research and Consultancy. Department successfully completed various ministry sponsored R&D projects, provided guidelines for making rules & regulation and answers to parliament questions. Department is also running Information system (ENVIS center on Environmental Problems of Mining) sponsored by Ministry of Environment, Forest & Climate Change.

About the institute



The Indian Institute of Technology (Indian School of Mines), 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 to be university under Section 3 of UGC Act, 1956. Since its establishment, IIT(ISM),Dhanbad has undergone considerable expansion of its activities, and presently it can be considered as a total technology education institute. The departments of Petroleum Engineering and Applied Geophysics were established in 1957. The departments of Mechanical Engineering and Mining Machinery Engineering, Fuel and Mineral Engineering, Management Studies, and Electronics and Instrumentation Engineering were added in 1975-1977. The Centre of Mining Environment, the Computer Centre, the Centre of Longwall Mine Mechanisation, and the departments of Applied Chemistry, Applied Physics, and Applied Mathematics were established between 1975 and 1987. The department of Computer Science and Engineering was added in 1997. The expansion of the institute into a total technology institute was further accelerated with the establishment of the Department of Electrical Engineering in the year 2005, the Department of Environmental Science and Engineering in 2006, Department of Chemical Engineering in 2010 and the Department of Civil Engineering in 2012.

Recourse Persons

Faculty members of IIT(ISM) Dhanbad and guest faculty members from other premier Institution / Organization will deliver lecture.

Target Participants

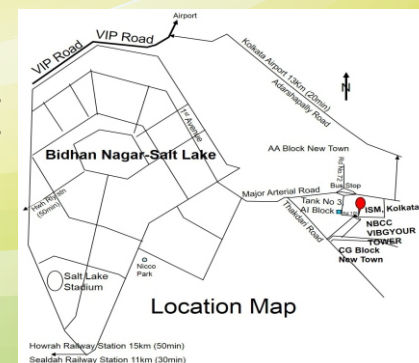
Industry officials, Executives engaged in environmental management, planning, maintenance, Mining Personals, Academician, Scientist, Students & Research Scholars, NGO and interested persons etc.

About the Venue

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

Weather

Kolkata experiences pleasant weather with sunny days in the month of June. The Temperature may range between 30°C to 40°C



Important Dates

Last date for Registration, May 15, 2017

(Selection will be based on 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 favour of "Registrar, ISM Dhanbad" payable at Dhanbad.

Nomination & Payments

Nomination & Payments: The nomination letter should reach the coordinator on or before May 15, 2017 (e-mail/post) along with course fee through DD/RTGS.

Course Fee

INR 25000 (for Indian Nationals)

INR 8000 (for Students & Research Scholars of Indian Nationals)

The above fee 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 : CNRB 0000986; MICR 826015003.

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

ISM, Dhanbad, being an educational institute, is exempted from Income Tax. PAN No. of ISM: AAAI 0686D; Service Tax Reg. No. DNB/05/ISM/2001

Course Coordinators

Dr. Manish Kumar Jain

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Centre of Mining Environment
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Prof. A. K. Singh

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To, _____



From:

Dr. Manish Kumar Jain

Associate Professor & Coordinator

Dept of Environmental Science & Engineering

Centre of Mining Environment

Indian Institute of Technology (Indian School of Mines), Dhanbad-826004

Mobile: +91-9431711095; manishjkm@gmail.com

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Indian Institute of Technology (Indian School of Mines), Dhanbad

Registration Form

1. Name: (Capital Letters)

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2. Designation:

3. Organisation:

4. Category (Industry/ Academic/Student):..... Gender (M/F):.....

5. Mailing Address with PIN Code:

.....

5. Telephone / Mobile.....

Details of Payment:.....Amount:.....

Demand Draft (DD):

Details of Online transfer (Please attach proof for online transfer):.....

Place :

Date :

Signature

Note: Last date of Application is May 15, 2017. Send the filled registration form as scanned copy by
e-mail (manishjkm@gmail.com/vipinmicro1@gmail.com / kumar.v.ese@ismdhanbad.ac.in).