

About the institute

The Indian School of Mines 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, ISM 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.

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Department of Environmental Science & Engineering / Centre of Mining Environment
Indian School of Mines, Dhanbad -826004

www.ismdhanbad.ac.in

Short Term Course
on

SUSTAINABLE WASTE MANAGEMENT PRACTICES

February 17-19, 2016

Venue:

ISM Industry Institute Interaction Facility, Kolkata, India



Organized by

Dept. of Environmental Science & Engineering
Centre of Mining Environment
Indian School of Mines, Dhanbad, INDIA

Treat Waste as Resource and Handle it for Employment Generation!

About the Course

Enormous quantities of waste are being generated every year in our country of which a major part are not only lying unutilized but also due to their indiscriminate disposal at different places is a cause of environmental pollution besides posing serious health hazards to human and livestock. India, being one of the most populated country in the world as well as one of the most rapidly developing country, is the source of a humongous amount of waste per annum. According to the Central Pollution Control Board (CPCB), the average solid waste generated in India ranges from 0.21 to 0.5 kg per capita per day. The new Indian Government is launching "Swachh Bharat Mission" or "Clean India Mission" which aims to mobilize masses and seeks to create a clean India, because the requirements for environment protection and thinking that how our country, state or even any city can have better environment for conducive living conditions. The aim of this training program is to provide a comprehensive knowledge towards ways for safe and efficient utilization and scientific management of waste so as to recognize it as an asset or resource. Since the waste is being generated locally, its management efforts should also be focused at decentralized locations through small scale units. This will also greatly help in employment generation for local youth and women.

Major Topic to be covered

- Sustainable Utilization of Waste as Resource
- Scientific Management and Utilization of Industrial Waste (Mining, Mineral processing, Thermal power plants, Steel plants etc.)
- Scientific Management and Utilization of Municipal solid waste, E-waste, Plastic waste, Biomedical waste etc.
- Land use Planning and Selection of Disposal site for Waste using Remote Sensing & GIS
- Economics & Employment Generation through Waste Utilization
- Government Regulation and Policy
- Life Cycle Assessment
- Interaction with a successful entrepreneur/s

Recourse Persons

Faculty members of 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.

Important Dates

Last date for Registration : 01st February, 2016

Intimation of Selection: 02nd February, 2016

(Selection will be based on first cum first served basis from priority)

How to apply

Applicants are requested to send the hardcopy 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: The nomination letter should reach the coordinator on or before 01st February, 2016 (e-mail/post) along with course fee through DD/RTGS.

Course Fees

INR 15000 (for Indian Nationals)

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

USD 400 (for Foreign Nationals)

USD 300 (for Nationals from SAARC countries & student of Foreign Nationals)

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

Bank Details

Bank: 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.

Venue

ISM Industry Institute Interaction Facility, Kolkata, India

NBCC Shopping Centre (2nd Floor) New Town, Rajarhat, Kolkata, India

Weather

Kolkata experiences pleasant weather with sunny days in the month of February. The Temperature may range between 15°C to 30°C (59°F to 86°F).

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 School of Mines 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.

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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 :

.....

6. E-mail :.....

7. Telephone / Mobile :.....

8. Details of Payment:Amount:

9. Demand Draft (DD):

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

Date :

Signature

Note: Last date of Application is February 01, 2016. Send the filled registration form as scanned copy by e-mail (vipinmicro1@gmail.com / kumar.v.ese@ismdhanbad.ac.in / manishjkm@gmail.com).