



भारतीय प्रौद्योगिकी संस्थान (भारतीय खनि विद्यापीठ), धनबाद
धनबाद, झारखण्ड, भारत, पिन-826004
INDIAN INSTITUTE OF TECHNOLOGY (INDIAN SCHOOL OF MINES), DHANBAD
DHANBAD, JHARKHAND, INDIA, PIN-826004

Five days Short Course on
MINE ELECTRICAL SAFETY

Objectives:

- To reinforce basic electrical safety concepts in mines.
- To provide state-of-the-art safety knowledge on electrical equipment and safety.
- To provide awareness of the electrical hazards that can exist in coal and metal mines.

Target Participants:

- Practicing Engineers and Managers in mines

Course Contents:

- Safe Electrical Power Supply System and mining type circuit breakers.
- Electrical equipment in explosive environment-Flameproof Enclosures, Intrinsically safe circuit
- Earthing practice for the safe operation of mining equipment.
- CEA & DGMS Safety Regulations for Mine Electrical Safety.
- Signalling, communication and condition monitoring of Mine Electrical System.
- Safety for mine electrical drives.
- Power Factor Control and Illumination design of mines.

Duration:

May 07-11, 2018 (Five days).

Venue:

Indian Institute of Technology (Indian School of Mines), Industry Institute Interaction Facility, NBCC Shopping Complex (2nd floor), Newtown, Rajarhat, Kolkata- 700156 (Near Newtown Bus stop, Axis mall). (About 12 km from Kolkata International Airport, 12 km from Sealdah Rly Station and 15 km from Howrah Rly Station).

Course fee:

Rs 40,000 (Rupees Forty thousand only) per participant inclusive of GST. The fee includes course materials, certificate, tea and working lunch. The participants are requested to make their own lodging arrangement in Kolkata.

Course coordinators:

1. **Dr. Ananda Shankar Hati**, Assistant Professor & Coordinator; Department of Mining Machinery Engineering; Indian Institute of Technology (Indian School of Mines); Dhanbad-826004; (Jharkhand) Tel: 0326-2235083(O); Cell: +91-9471191571; e-mail: aryan1437@gmail.com, anandashati@iitism.ac.in
2. **Dr. Tanmoy Maity**; Associate Professor & Co-Coordinator; Department of Mining Machinery Engineering; Indian Institute of Technology (Indian School of Mines); Dhanbad-826004; (Jharkhand) Tel: 0326-2235729(O); Cell: +91-9471191126; e-mail: tanmoy_maity@yahoo.com.

Nominations:

Nominations may be sent to the Coordinator on or before **24th April 2018** along with course fee either in the form of Cheque/DD payable at any bank available in Dhanbad in favour of **Registrar, Indian Institute of Technology (Indian School of Mines); Dhanbad**
OR through **Electronic Transfer** to Canara Bank, Saraidhela Branch, Dhanbad, **IFS Code: CNRB 0000986, Bank Account No: 0986101009746, MICR: 826015003.**



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(07-11 May 2018)

REGISTRATION FORM

1. Name :
2. Designation :
3. Name of the organization :
4. Academic Qualifications :
5. Address for Correspondence :

6. E-mail id
7. Mobile No.
8. Details of Demand :
Draft/Online Payment
9. Amount :
10. DD Number/Online Transaction ID. :
11. Date of Payment :

Place :
Date :

Signature of Applicant