

Hotel Tariffs

Name of Hotel	Address	Phone No.	Type of Accommodation	Tariff (In Rs.) Single Occupancy	Tariff (In Rs.) Double Occupancy	Distance from DGMS
Sonotel	Near Big Bazar, Ozone Galleria Floor 5, Saraidhela Dhanbad-828127	(0326) 2202222 2203333 2204444	Sonotel Executive Sonotel Club	2499 2999	2999 3499	3 km
Hotel Maurya	Gayan Mukherjee Link Road, Hirapur Dhanad-826001	(0326) 2312358 09204789353 09304372235	AC Super Delux Ac Delux Ac Room	- - -	1250 1150 950	1.5 km
Hotel Kunal	Hari Mandir Road, Hirapur Dhanad-826001	(0326) 2310617 09234070326	AC Non AC	- -	1000 500	1.5 km
Cocoon	Beside Puja Talkies, Near Railway Station Dhanad-826001	(0326)2220100 200, 300, 400 (0326)2220222 333,444,055	Imperial Club	3200 4100	3650 5100	2 km
Hotel Skylark	Bank More Dhanad-826001	(0326) 2305121 2305384 2300684	Super Delux Delux	2850 2500	3500 3200	4 km
Hotel Black Rock	Katesaria Centre, Bank More Dhanad-826001	(0326) 2302027 2302171 2302329 2307644	AC Super Delux AC Delux Non AC	1995 1395 795	1995 1595 995	4 km
The Seventeen Degrees Hotel	Sriram Mall Ashok Nagar Dhanbad - 826001	09234669208 (0326) 2303869 2304602 09234669201	Superior Room Regular Room	2900 1890	3500 2190	4.5 km
Madhulika Inn	Near Bus Stand, Dhanbad - 826001	09234689999 (0326) 2222699	Excutive Delux Class Delux Class	- -	2500 2000	2 km
Hotel Kubor	Luby Circular Road, Behind Women's College Dhanbad	09708021666 09234455796	Delux Delux Mini Double	- -	1985 1485 1385	1 km

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CONTACT DETAILS OF CO-CONVENORS

Dr Alok Sinha, MIE

Associate Professor

Department of Environmental Science and Engineering,

Indian Institute of Technology (ISM) Dhanbad

Phone: +91-9471518560

E-mail: aloksinha11@yahoo.com

OR

Mr. S. Ratnaker, M.E, MIE

Dy. Director of Mines Safety (Mech.) HQ

Room No. 312, Vikas Bhavan, DGMS,

Hirapur, Dhanbad.

Phone: +91-9471192346

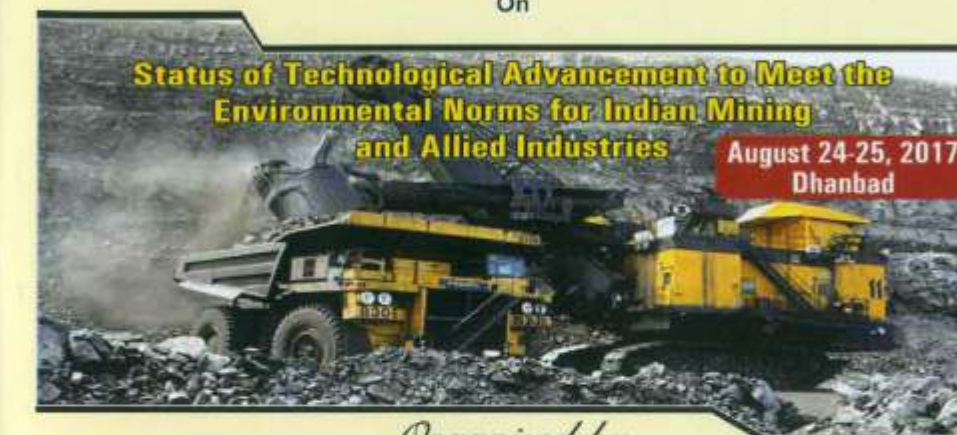
E-mail: sunkiratnaker@gmail.com

The Institution of Engineers (India)

*98 years of Relentless journey towards
Engineering Advancement for Nation Building*

33rd National Convention of Environmental Engineers

On



Organised by



The Institution of Engineers (India)

Dhanbad Local Centre

Under the Aegis of

Environmental Engineering Division Board, IEI

In association with



DIRECTORATE GENERAL OF MINES SAFETY

Venue :

DGMS, Hirapur, Dhanbad

About the Organizers

The Institution of Engineers (India) (IEI)

The Institution of Engineers (India) or IEI is the largest multidisciplinary professional body that encompasses 15 engineering disciplines and gives engineers a global platform from which to share professional interest. IEI has membership strength of above 0.8 million. Established in 1920, with its headquarter at 8 Gokhale Road, Kolkata-700020, IEI has served the engineer fraternity for over nine decades. In this period of time it has been inextricably linked with the history of modern-day engineering. In 1935, IEI was incorporated by Royal Charter and remains the only professional body in India to be accorded this honour. Today, its quest for professional excellence has given it a place of pride in almost every prestigious and relevant organization across the globe. IEI functions amongst professional engineer's academicians and research workers. It provides a vast array of technical, professional and supporting services to the Government, Industries, Academia and the Engineering fraternity, operating from over 114 centres located across country. The institution has established R&D Centres at various locations in the country and also provides grant-in-aid to its members to conduct research and development on engineering subjects. IEI conducts section A & B Examination in different Engineering disciplines, the successful completion of which is recognized as equivalent to Degree in appropriate field engineering of recognized Universities of India by the Ministry of Human Resources Development, Government of India. Every year as many as 9000 candidates appear for these exams. For details please see website: www.ieindia.org

Dhanbad Local Centre (IEI)

Dhanbad Local Centre of IEI is ideally located in heart of coal city of India, Dhanbad having association and support of top most Engineering and Research organisations of the country like IIT(ISM), DGMS, CIMFR, BCCL, TATA Steel, SAIL, BIT Sindri, ACC Sindri, PDIL Sindri, DVC, etc. are located within a radius of 50 KM from office of Dhanbad Local Centre of IEI. Dhanbad Local Centre of IEI came in existence in 1962 with support of over 700 Engineers of various Engg. discipline to serve the society. Presently corporate membership strength is about 647 besides Associate is 500 and Technician Member is about 3000. Various technical activities organized by this centre like All India Seminars & Workshops on various engg. divisions. Engineers of almost all the Engg. Disciplines with rich knowledge and vast experience and expertise in diversified field of Engg. are available to share their knowledge from the common platform of the Institution of Engineers for socio economic development of this region.

Directorate General of Mines Safety (DGMS)

Directorate General of Mines Safety, DGMS in short, is the Regulatory Agency under the Ministry of labour and employment, Government of India in matters pertaining to occupational safety, health and welfare of persons employed in mines (Coal, Metalliferous and oil-mines). Under the Constitution of India, safety, welfare and health of workers employed in mines are the concern of the Central Government (Entry 55-Union List-Article 246). The objective is regulated by the Mines Act, 1952 and the Rules and Regulations framed there under. These are administered by the Directorate-General of Mines Safety (DGMS), under the Union Ministry of Labour & Employment. Apart from administering the Mines Act and the subordinate legislation there under, DGMS also administers a few other allied legislation, including the Indian Electricity Act. The organization has its headquarters at Dhanbad (Jharkhand) and is headed by Director-General of Mines Safety. At the headquarter, the Director-General is assisted by specialist staff-officers in mining, electrical, mechanical, occupational health, law, survey, statistics, administration and accounts disciplines. The headquarters has also a technical library and S&T laboratories as a back-up support to the organization.

About Dhanbad

Dhanbad is Coal Capital of India. It is famous for coal mining operation, especially for coking coal mining, managed by Bharat Coking Coal Ltd., Eastern Coalfields Ltd., Tata Steel and Steel Authority of India Ltd., etc. Some of the world famous organizations are located in Dhanbad District like IIT-ISM, DGMS, CIMFR, BCCL are well known for their specialised services within and outside the country. Dhanbad is also Railway Divisional head quarter of Eastern Central Railway is the second largest in the country in terms of revenue earning after Mumbai Division. Dhanbad is well connect by rail and road. Almost all the trains running from Howrah to Delhi are having stoppage at Dhanbad. Famous G.T. Road, runs from East to West of the Northern boundary of the district at a distance of 10 KM from Dhanbad Rly. Station. Nearest commercial airports are Durgapur – 120km, Kolkata – 270 km, Ranchi-170 km. In Dhanbad there are several hotels and Guest houses, famous Hotels are Skylark, Cocoon, Black Rock, Seventeen Degree, Kaverietc, all within the radius of 5KM.

Near Dhanbad, there are a few famous picnic spots and resorts like Maithan Dam, Panchet Dam, Tillaiya Dam, Topchanchilake, Parasnath temple, Usari and Bhatinda falls, Hazaribagh National Zoological Park etc. Damodar is the main river of the district flowing from west to east at Southern boundary of the district.

INTRODUCTION

The theme of the 33rd national convention of Environmental Engineer is to review the status of available technology to meet the present emission and discharge standards of the ministry of Environment Forest and Climate change(MOEF & CC). Mining operations like drilling, blasting, crushing and other associated activities can damage the environment and ecology to an unacceptable degree, unless carefully planned and controlled. There is a need for balance between mining and environmental requirements. The rapid, unchecked and sometimes biased activities result in air, water and noise pollution, land degradation, health hazards, loss of forest wealth and agricultural land, drying of wells, rehabilitation problems leading to large scale environmental deterioration. In addition, due to excessive mining, chances of accidents increase which lead to misery and tragedy. Hence there is a need for continuous evaluation and up gradation of technology to meet the standards of sustainable mining practices. In absence of proven and viable technology, emission and discharge standards specified by the MOEF & CC, does not serve the purpose of clean environment. In 2009 vide notification dated 16.11.2009 monitoring of PM-2.5 was introduced along with PM-10. For monitoring of PM-2.5, Indian manufacturers of such instruments were not equipped to supply reliable and proven instruments. Similarly, for Indian Thermal Power Plants, emission of SO_x has been reduced from 600 µg/Nm³ to 100 µg/Nm³. The emission of NO_x for future plants has been revised to 100 µg/Nm³ against the existing standard of 300 µg/Nm³. Addition of new standards for emission of mercury vapour from stack gases of T.P.P with maximum permissible limit of 0.03 µg/Nm³ is a challenging task for monitoring and abatement. For future T.P.P emission standard of particulate matter has been reduced from 50 mg/Nm³. to 30 mg/Nm³, considering high ash content in Indian Coal, this new standard must be examined from cost point of view for compliance.

For other industrial sectors also critical standards have been introduced which require review of available technology to achieve the discharge/emission standard specified by MOEF & CC. The proposed convention, represented by leading environmental engineers from various industrial sectors, R&D centres, education institutions, and regulatory bodies, will be held for two days to deliberate on status of technology available in the country for monitoring the environmental parameters. The convention will deliberate on the current standards and technologies available for achieving these standards. Further the convention shall be able to draw valuable recommendation to advise the regulatory authorities to maintain a balance between the pollution control

technologies and standards for emission and discharge. It is also necessary to look into reliability of monitoring instruments by way of considering certification of the quality by competent authority to achieve the ultimate objective of Clean Environment.

Sub themes:

- Control of fugitive emission in mining operation.
- Control of Environmental Pollution in mineral handling system,
- Utilisation and management of over burden generated during opencast mining.
- Treatment and up gradation of quality of mine pit water for drinking purpose.
- Challenges of coal based thermal power plants to control emission of particulate matter, SO_x, NO_x, and mercury vapour to meet the new norms of MOEF, CC and CPCB.
- Management of fly ash to control air and ground water pollution
- Water management system for zero discharge from industries.
- Utilisation of fly ash in civil constructions, cement production and brick manufacture.
- Reduction of greenhouse gas emission from various industries in line with United Nations climate change conference on 16th Dec 2015 in Paris, France.
- Integrated E.T.P for waste water management system in steel plants to achieve zero discharge.
- Waste Management in Mining and Allied Industries
- Treatment and Reuse of wastewater
- Online monitoring for control of environmental pollution
- Certification of pollution monitoring instruments for reliability of monitoring data.
- Review of progress and achievement in control of environmental pollution since the date of formation of MOE and suggestion for improvement.
- Noise and emissions from diesel equipments in mining and allied Industries.
- Management of solid & liquid waste from oil drilling operations.

Structure of the Convention

The convention will be structured in line with the following activities:

Invited Lectures

- NV Modak Memorial Lecture
- State of the Art Lectures by the eminent personalities from the Mining & Allied Industries
- Felicitation of Eminent Engineers

Call for Papers:-

Technical papers on the sub themes are invited for presentation in the convention as per the date schedule given below:-

Submission of Abstract (250 Words)	30th June 2017
Intimation of Acceptance of Abstract	15th July 2017
Submission of Full Text of Paper, Max 8 Pages, along with soft copy.	31st July 2017
Intimation of Acceptance of Paper	5th Aug. 2017

The author has to register as delegate for inclusion of paper in proceedings and presentation during the Convention. All communication regarding paper shall be with Co-convenors for the **National Convention**. (Registration fees include Proceedings, tea, coffee, and lunch during the Convention)

Sponsorship



Advertisement Tariff

Front page in side ₹ 30.000/-	Back Full Page ₹ 50.000/-	Back Page in side ₹ 20.000/-
In side Full Page ₹ 15.000/-	In side Half Page ₹ 10.000/-	

Exhibition Tariff

Stall -1 ₹ 50.000/-	Stall-2 ₹ 25.000/-	Stall-3 ₹ 15.000/-
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Delegate Fees :

Category	Before 05.07.2017	Spot Registration	No. of Person
Member of IEI	5000	5500	1
For Non Members/ Other	7000	7500	1
Students	2000	2500	1
Spouse of Delegates	2000	3000	1

Student must attach the Letter from the Principal/Director of the College / Institute along with the Form

Mode of Payment :

Registration to be made by depositing the bank Demand Draft/Cheque in favour of "The Institution of Engineers (India), Dhanbad Local Centre" or via online payment (NEFT/RTGS Transfer) as per the details mentioned below with an intimation (mandatory) to the convener :

Account Name	: The Institution of Engineers (India), Dhanbad Local Centre
Name of Bank & Branch	: State Bank of India, ISM Campus, Dhanbad.
Account No.	: 10230776098 IFSC Code : SBIN0001641