



INDIAN MINE MANAGERS' ASSOCIATION
AND
BHARAT COKING COAL LIMITED



National Centenary Seminar on
Mining Industry:
Challenges & Opportunities
(MICO'23)

20th & 21st Jan., 2023
Community Hall, Koyla Nagar,
Dhanbad (Jharkhand) 826005

Jointly Organized by



IMMA
INDIAN MINE MANAGERS' ASSOCIATION

AND



BCCL
BHARAT COKING COAL LIMITED

INDIAN MINE MANAGERS' ASSOCIATION

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About IMMA

Indian Mine Managers' Association (IMMA) was formed as professional & functionary body with active support of stalwarts of mining industry in 1923 to safeguard the interests of Mine Managers. This Seminar is being organised to commemorate its centenary celebration, to be held at Dhanbad, the coal capital of India. Over the years, its members have contributed immensely for the cause of Mining Engineers in general and Mine Managers in particular.

With its national Headquarters at Dhanbad, IMMA has a broad base of nine branches spread over the country. IMMA is working closely with mining industry, Government, DGMS, CIMFR, NIRM, Academia and students to further the cause of professional Managers engaged in mining.

Centenary Seminar Overview

Since independence, there has been a pronounced growth in the mineral production both in terms of quantity and value. India produces as many as 95 minerals, which includes 4 fuel, 10 metallic, 23 non-metallic, 3 atomic and 55 minor minerals (including building and other materials).

The challenges in mineral sector are kindred irrespective of the character of mineral -coal or non coal. The environment friendly development and sustainable exploitation of minerals are the need of hour in the mining industries provides vital raw materials to many basic industries on the upstream side. The increase of production in an eco-friendly manner on every occasion facilitates substitution of import, thereby saving valuable foreign exchange for our country in addition to addressing Environment Social Governance (ESG) as per COP 26 Declaration.

Coal plays a pivotal role in providing energy security to the country. At present, 75% of the country's primary electricity is met by coal alone (Ref. web page of Ministry of Coal). Ministry of coal has set a production target for CIL as 1 Billion Tonne by 2024-25.

In the present scenario, there are myriad challenges for growth of mineral industry especially coal sector. With rich resources in our country together with rich and talented pool of knowledge persons, the opportunities are no less and we are capable of maintaining high growth trajectory in the mining sector. It is in this backdrop, IMMA in collaboration of BCCL has taken initiative to organize the seminar-MICO' 23 on the Centenary Year of IMMA and Golden Jubilee of BCCL. There will be series of celebrations (in pipeline) to be held, this Centenary Seminar being the initiator.

The Seminar theme may be addressed from the following key area:

- Enhancement of Production: Paper Suggesting Methods of increased output in open cast & under ground Mining
- Technology: New technologies, washing and beneficiation, drilling and exploration, underground mining technology, CBM, CMM.
- Reduce import of Coking Coal.
- Safety and environment: safety management, environment friendly technology, measures for protecting environment, safety issues, CSR etc.
- Commercial Mining in coal sectors
- Energy security for sustainable growth & current issues
- Green field operations: land issues, clearances, outsourcing and project finance models, CSR, human resource, etc.
- Innovation: R&D adoptability in industry and automation etc.



BCCL - An Overview

INTRODUCTION

Coal India Limited, the state owned coal mining corporate came into being in November 1975. With a modest production of 79 MT at the year of its inception, CIL today has emerged as an unparalleled behemoth in the field of coal production across the globe. The company consists of seven wholly owned coal producing subsidiaries (namely SECL, WCL, NCL, CCL, ECL, MCL, CIL Navikarniya Urja Ltd., CIL Solar PV & BCCL), one mine planning and Consultancy Company i.e CMPDIL spread over eight provincial states of India and two newly formed subsidiaries to cater to the needs of Renewable Energy, namely CIL Navikarniya Urja Ltd., and CIL Solar PV (+).

As a coal producing company, BCCL has the unique distinction of being at the core of two major core industries, namely Steel and Power. This company, formed in 1972, is completing its Golden Jubilee in this year. Even against the back drop of scarce coking coal reserve it meets more than 50% of the total domestic coking coal feed of the integrated Steel sector of the country. This has only been possible due to strategic and planned development with introduction of new technology which the company has adopted since its genesis.

BCCL is spread over an Area of 305 Sq Km spreading over two coalfields, namely Jharia Coalfield (273 Sq Km) & Raniganj Coalfields (32 Sq Km) falling in Jharkhand & W Bengal states. BCCL was incorporated in January, 1972 to operate coking coal mines in the Jharia & Raniganj Coalfields, taken over by the Govt. of India on 16th Oct, 1971 to ensure planned development of the scarce coking coal resources in the country. Presently it is operating 29 mines. It has produced 30.511 Mt during 2021-22 and is slated to produce more than 50 MT by 2025-26.

CURRENT ISSUES & CHALLENGES:

The coalfield belt consists of multiple seams and is prone to spontaneous heating. Further, the Underground mines ranges from Degree I to Degree III in gassiness. This poses undertaking of mining in the most challenging environment. However, by undertaking a proactive approach rather than one based on emergency response & adopting a Risk based Safety & Health Management System rather than a Rule based one has enabled us to realize the target beside maintain highest safety standards.

Unlike other subsidiaries of CIL, BCCL is located at the heart of Dhanbad City. This has caused the emergence of plethora of land title suit and law & order issues. However, through a comprehensive R&R policy consisting of incentivization, social innovation and coordination with State authorities, BCCL has been pursuing "Mining with a Human Face" and hence ensured that our differences do not become dispute. Further, it is imbuing the spirit as coined by the Hon'ble Prime Minister i.e "Sabka Saath Sabka Vikas" and presently contributing around 84% to the economy of Dhanbad and hence touching lives of people even at the grass-root level.

Way ahead

At this new dawn of Information & Communication Technology Development, BCCL is witnessing not only structural but also technological and digital reforms. From conceiving of CBM technology in Jharia coalfield under its command area to real time monitoring of Truck Dispatch through Vehicle Tracking System BCCL is witnessing a wave of ICT Renaissance. For smooth and seamless functioning and coordination between different departments, ERP has been started and it has expedited work to a great extent.

In near future, we would see the resurgence of underground mining in BCCL by adopting mass production technology e.g., additional L/W mines, introduction of Continuous Miners, Highwalls etc. BCCL is the only subsidiary of Coal India Limited where Coal Bed Methane (CBM) has been planned to be exploited. Work has already been awarded and commercial production is likely to commence within five years.

To meet the nation's unprecedented demand in energy and infrastructure sector, CIL in general & BCCL in particular has taken the baton to answer the clarion call in the former's sprint to development. Hence, by unchaining its true potential with the help of a dynamic team and vibrant culture, BCCL commits itself to fulfill the "ENERGY ASPIRATION OF THE NATION".

Programme for MICO'23

Friday, 20th January 2023

09.30-10.30 hrs : Registration

10.30-12.00 hrs : Inaugural Session

12.30-14.00 hrs : Keynote Session

14.00-14.45 hrs : Lunch

14.45-15.45 hrs : Technical Session-I

16.00-17.15 hrs : Technical Session-II

20.00-22.00 hrs : Cultural Programme & Dinner

Saturday, 21st January 2023

10.15-11.30 hrs : Technical Session-III

12.00-13.15 hrs : Technical Session-IV

13.15-14.15 hrs : Lunch

14.15-15.45 hrs : Panel Discussion &
Valedictory



Registration Fees

Delegates	Rs 10,000
Students & Research Scholars	Rs 4,000

Please register yourself before January 05, 2023. The payment should be made by DD / Cheque in favour of “Indian Mine Managers’ Association” payable at Dhanbad or direct transfer of money to the bank. Bank details:

- PAN: AAAAI 1769F
- A/c No: 916010063587844, Axis Bank, Saraidhela Branch, IFS Code UTIB0002853
- A/c No: 10230776236, SBI, ISM Campus Branch, IFS Code SBIN0001641

Sponsorship Rates

Sponsorship Rates		Sponsorship Rates	
Principal Sponsor	10 Lakhs	Diamond Sponsor	5 Lakhs
Platinum Sponsor	3 Lakhs	Gold Sponsor	2 Lakhs
Silver Sponsor	1 Lakhs	Bronze Sponsor	0.75 Lakhs

Call for Papers

The technical papers may kindly be sent by mail to vks146@gmail.com or imma1923@gmail.com or by post copy to the IMMA office by 05 January 2023.

Who should attend ?

Planners scientists and engineers from mining industry – open cast and underground, R & D organizations, entrepreneurs, Policy makers and faculties from academic institutions.

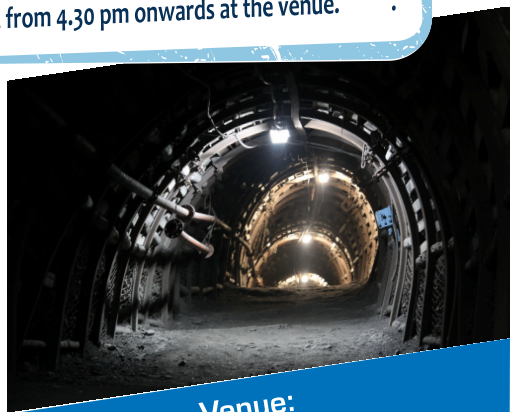
Annual General Meeting will be held on 20th January, 2023 at 6.30 pm at Community Hall, Koyla Nagar, Dhanbad. Registration for AGM will start from 4.30 pm onwards at the venue.

Advertisement Tariff

- Back Cover Rs. 50,000
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The payment shall be made by DD / cheque in favour of “Indian Mine Managers’ Association” payable at Dhanbad or by online transfer to any of the bank account mentioned here.



Venue:
Community Hall
Koyla Nagar, Dhanbad-826005 (Jharkhand)



CHIEF PATRON

Dr. R. N. Sharma

PATRONS

Sri Parmood Agarwal
Chairman, Coal India Ltd.

Sri Ravindra Sharma
Former Director General of Mines Safety, Dhanbad

Sri. B. Veera Reddy, D.T. Coal India Ltd.
Dr. P. S. Mishra, CMD, SECL
Sri A. P. Panda, CMD, ECL
Sri P. M. Prasad, CMD, CCL
Sri Manoj Kumar, CMD, WCL
Sri Bholu Singh, CMD, NCL

Sri Manoj Kumar, CMD, CMPDIL
Sri O. P. Singh, CMD, MCL
Sri Arun K. Shukla, CMD Hindustan Copper Ltd.
Sri T. V. Narendran, CEO & MD, Tata Steel
Prof. Rajiv Shekhar, Director, IIT(ISM), Dhanbad
Sri Anandji Prasad, Advisor, Ministry of Coal

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Co-Chairman

Sri Uday A. Kaole
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Jt. Organizing Secretary

Sri Anup Kumar
ED Collieries & CCSO (SAIL)

Jt. Organizing Secretary

Sri Sanjay Rajoria
GM, Tata Steel, Jharia

Jt. Organizing Secretary

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CMC, BCCL

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GM, CCSO (SAIL) Dhanbad /
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Sri N. K. Gupta
Chief of Sijua Group
Tata Collieries

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IIT(ISM), Dhanbad

Co-ordinator

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Co-ordinator

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