



# **GMI – IMP 2024 NATIONAL SEMINAR GREEN MINING INITIATIVES INDIAN MINERAL INDUSTRY PERSPECTIVE**

**13-14 January, 2024 Hotel Tuli International, Nagpur**



**Organised By :**

**Indian Mine Managers' Association, Nagpur Branch**

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**Website <https://imma-nb.com>**

**: CO ORGANIZERS :**



## PREAMBLE

The Indian Mining Managers' Association is one of the oldest bodies of mining professional in the country and was established in 1923 with its head quarter at Dhanbad. It has many branches and Nagpur branch is one of the most active branch. The Association was formed with the objective of protecting interest of Mine Managers' in India and to improve the social and intellectual position and status. The Association also aims at contributing towards the advancement & development of mineral industry by actively participating in enactment of mining legislation and dissemination of mineral information by organizing seminars and technical meets. Nagpur branch has organized two national seminars and one international conference in last ten years on various relevant themes. It has distinction of organizing on continuous basis quarterly technical meet on new developments.

## SEMINAR BACKGROUND

### GREEN MINING INITIATIVES - INDIAN MINERAL INDUSTRY PERSPECTIVE

The mining industry is one of the strong pillars of growth for India to reach its ambition of becoming a \$5 trillion economy. The country's exploration of the mining and metal industries to their majestic potential is fundamental to goal of making India an Aatmanirbhar Bharat. It is well known that one of the major contributors to GDP will require the nation to explore and extract its abundant natural deposits sustainable. Mining is a critical sector for providing basic raw materials which serve as feed for driving the growth engine of the other sectors & cumulatively the nations economy. However traditional practices may have devastating impacts. To address this concern a new approach is gaining traction : GREEN MINING. It is an environmental friendly sustainable method of extraction, processing and distributing minerals and fossil fuels. New mining methods and technologies have improved mining efficiency, however even greater improvements must be made to decarbonise the planet. In recently concluded G 20 summit India has shown its commitment towards sustainable development. The discussion in seminar will explore various options to reduce impact of mining on environment and disseminate the information regarding innovative methods / technologies adopted by various mine operators based on various case studies.

## THEMES

- Shutting down illegal mines
- Innovative technology
- Regulatory framework
- Mine closure and rehabilitation
- Waste management
- Reduced energy consumption
- Reuse and recycling of water
- Reforestation & Biotechnology
- Utilizing renewable energy
- Alternate use of coal

## PARTICIPATION

The seminar seeks active participation from mine managers, operators, academicians, scientists and machinery manufacturers to engage in meaningful discussion along the various themes. Esteemed speakers from various mineral sectors have been invited to make presentation and share their knowledge & experience. With this seminar we hope to provide a platform to foster knowledge exchange for the sustainable development of mineral industry.

## KEY NOTES & PAPER SUBMISSION

Eminent experts from mining & mineral industry, R & D institutions, academia and machinery manufacturer have been invited to deliver key note lectures. Papers are invited from all stake holders to express their views on various themes of the conference. Abstract of all the presented papers will be printed in the seminar souvenir and full text will be made available on web site.

## PROGRAM DETAILS

### 13<sup>th</sup> January 2024

Registration & Tea	: 09.30 – 10.30 hrs
Inaugural Session	: 10.30 – 11.30 hrs
High Tea	: 11.30 – 12.00 hrs
Technical session	: 12.00 – 1.30 hrs
Lunch Break	: 1.30 – 2.15 hrs
Technical session	: 2.15 – 3.45hrs
Tea Break	: 3.45 – 4.00hrs
Technical session	: 4.00 – 5.00 hrs

### 14<sup>th</sup> January 2024

Breakfast	: 09.30 – 10.30 hrs
Technical Session	: 10.30- 12.00 hrs
Tea Break	: 12.00 – 12.15 hrs
Technical Session	: 12.15 – 1.30 hrs
Lunch Break	: 1.30 – 2.15 hrs
Technical session	: 2.15 – 3.30 hrs
Valedictory function	: 3.30 hrs

## SPONSORSHIP AND PROMOTIONAL OPPORTUNITIES

Publicity advertisements will be published in the souvenir. Organizations and firms are welcome to be the part of seminar by sponsoring the event in various capacity. All sponsors will be acknowledged in seminar souvenir, publicity material and at venue. Publicity slots will also be made available between sessions for product / service promotions.

### Registration & Delegate Fees

Indian Delegates	: Rs 8,000/-
Academic / Research Institution	: Rs. 6,000/-
Research Scholar	: Rs. 3,000/-
IMMA members	: Rs. 3,000/-

### Advertisement In Souvenir

Inside Full Page color	: Rs. 15,000/-
Inside half page color	: Rs. 8,000/-
Inside Full Page Black & White	: Rs. 10,000/-
Inside half page black & white	: Rs. 5,000/-

**Publicity Slot for products / services promotion (15 minutes) between sessions : Rs 30,000/-**



## HOTEL Partner

**Mr. SAHIR AHEMAD**

Hotel Tuli International, Sadar, Nagpur.

**Ph. No. : 9372387017,**

## MEDIA Partner

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Principal Sponsor	Rs 5,00,000/-	Back Page color advertisement in the souvenir	Logo on all promotional matter, Venue, Standees with organization name and sponsorship card in the kit	15 Free Delegates
Gold Sponsor	Rs 3,00,000	Front inside page color advertisement in the souvenir	Logo on all promotional matter, Venue and sponsorship card in the kit	10 Free Delegates
Co - Organizers	Rs 2,00,000/-	One page color advertisement in the souvenir	Logo on Venue as co organizer	10 Free Delegates
Lunch Sponsor	Rs 100,000/-	Back inside page color advertisement in the souvenir	Sponsorship card in the kit	2 free delegates

## PAYMENT DETAILS :

**Account Name : Indian Mine Managers' Association**

**Bank : UCO Bank, Gittikhadan, Nagpur**

**Account No : 19310210000533**

**RTGS/NEFT IFS Code : UCBA0001931**

## ORGANISING COMMITTEE

Shri Ajit Kumar Saxena	:	CMD MOIL Ltd, Nagpur ( Patron)
Shri Manoj Kumar	:	CMD, WCL, Nagpur ( Patron)
Shri I D Narayan	:	CMD, MECL, Nagpur ( Patron)
Shri P C Sharma	:	CCOM, IBM, Nagpur ( Patron)
Shri R C Sanodia	:	Past President, IMMA, Nagpur ( Patron)
Shri Divakar Gokhale	:	President, IMMA - Nagpur
Shri Tarun Kumar Srivastava	:	Convener & Secretary, IMMA - Nagpur
Dr. Manoj Tiwari	:	Org. Secretary & Coordinator, IMMA - Nagpur
Shri Vikas Parida	:	Treasurer, GMI - IMP 2024

## CONTACT DETAILS

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### **Mr. Tarun Kumar Srivastava**

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## ORGANIZERS

**The Indian Mine Managers' Association, (IMMA)** Nagpur Chapter was started in 2014. The parental chapter established in 1923 is one of the oldest professional bodies of mining engineers in India. The association is recognized for its outstanding contribution to the mining sector. The association has headquarter at Dhanbad and its Nagpur Chapter is one of the most vibrant chapter. Since its inception in 2014 it is regularly organizing quarterly technical meets. The chapter has successfully organized two national seminars and one international conference in last nine years. The chapter has once again taken initiative through this seminar to deliberate on issues related to protecting environment, flora and fauna.

**The Alumni Associations of Mining Departments** of Visvesvaraya National Institute of Technology, Nagpur, National Institute of Technology, Raipur and Shri Ramdeobaba College of Engineering and Management, Nagpur, RGCERT, Chandrapur are actively involved together in organizing seminars and technical lectures. They act as a link between department and industry apart from fostering relationship amongst the alumni.

**Western Coalfields Limited, Nagpur** is a Miniratna company & subsidiary of Coal India Limited. Its mines are spread over in the Maharashtra and Madhya Pradesh states. The company is a major source of supplies of coal to the industries located in Western & Southern Indian states. It has produced 64.28 million tons of coal registering 11.3% year to year growth surpassing the set production target. Apart from land reclamation and forestation programs the company has also initiated green mining initiatives like Eco Mine Tourism, Segregation of Sand from OB, Solar Power Plants etc. under the dynamic leadership of **CMD Shri Manoj Kumar**.

**MOIL** is a Schedule "A" Miniratna Category-I Company. MOIL operates its underground and opencast mines located in the Nagpur and Bhandara districts of Maharashtra and Balaghat district of Madhya Pradesh. All these mines are about a century old. The Balaghat Mine is the largest mine of the Company with a depth of about 435 meters. Dongri Buzurg opencast mine produces manganese dioxide ore used by dry battery industry. This manganese ore is supplied to steel, ferro & silico manganese plants. MOIL fulfils about 46% of the total requirement of dioxide ore in India. MOIL also has its own EMD and ferro manganese plants. At present the annual production is around 1.3 million tons. The company has initiated green mining initiatives like land reclamation using biotechnology, wind energy farm, solar power plants etc under the dynamic leadership of **CMD Shri Ajit Kumar Saxena**.

**Mineral Exploration and Consultancy Limited (MECL)** (Formerly Mineral Exploration Corporation Ltd.) was established for systematic exploration of minerals, to bridge the gap between the initial discovery of a prospect and its eventual exploitation. MECL has the Mission "to provide high quality, cost effective and time bound geo-scientific services for exploration and exploitation of minerals." MECL has completed over 1621 projects/reports and established 199527 Million Tons of ores/ mineral reserves of

minerals like Coal, Lignite, Bauxite, Copper, Gold, Lead-Zinc, Iron Ore, Limestone, Manganese, Magnesite, Chromite, Fluorspar and several other Industrial Minerals since inception. It has recently diversified into mining and beneficiation of minerals and sampling & analysis of coal stocks under the dynamic leadership of **CMD Shri I D Narayan**.

**The Indian Bureau of Mines (IBM)** established in 1948, is a multi-disciplinary government organization under the Department of Mines, Ministry of Mines, engaged in promotion of conservation, scientific development of mineral resources and protection of environment in mines other than coal, petroleum & natural gas, atomic minerals and minor minerals. The primary mission of Indian Bureau of Mines is to promote systematic and scientific development of mineral resources of the country (both onshore and offshore), through regulatory inspections of the mines, approval of mining plans and environment management plans to ensure minimal adverse impact on environment.

**The Mining, Geological & Metallurgical Institute of India (MGMI)** was established in 1906 with the object of promoting "The study of all branches of mining methods and of mineral occurrences in India, with a view to disseminating the information for facilitating the economic development of the mineral industries in the country." With more than 3000 members representing professionals in different fields of mineral based industries, the Institute fulfils its objectives to encourage, assist and extend knowledge and information connected with Geology, Mining, Metallurgy etc. through organizing technical lectures, discussion etc., by holding Seminars, Conferences, Technical Meeting and Tours, Publication of regular Journals, Transactions, Newsletters and Scientific Research Works. The Institute's Headquarters is in Kolkata and has 18 branches all over the country. The Nagpur Chapter is a vibrant chapter and has recently organized seminar on Best Practices in Mineral Sector under the dynamic chairmanship of Director Technical, WCL, Shri AK Singh.

## GLIMPSES



**Hon. Shri Nitinji Gadkari, Inaugurating Conference ICSMO-2021**





**IMMA Nagpur Chapter Welcoming  
Shri Manoj Kumar, CMD, WCL**



**IMMA Nagpur Chapter Welcoming  
Shri I. D. Narayan, CMD, MECL**



**IMMA Nagpur Chapter / MGMI Welcoming  
Shri Ajit Saxena, CMD MOIL**



**IMMA Nagpur Chapter Welcoming  
Shri J. P. Dwivedi, D.T. WCL**



**Quarterly Meet of IMMA Nagpur Chapter**





## **Green Mining Initiatives of WCL, Nagpur**



## **Green Mining Initiatives of MOIL LTD., Nagpur**