

# 118<sup>TH</sup> ANNUAL REPORT



## Report of the Council and Audited Balance Sheet with Income & Expenditure Accounts

**2023-24**



### THE MINING, GEOLOGICAL & METALLURGICAL INSTITUTE OF INDIA

GN-38/4, SECTOR-V, SALT LAKE, KOLKATA-700 091

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# **118th ANNUAL REPORT**

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**and**

**Audited Balance Sheet**

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## **MGMI Council for 2023-24**

### ***President***

**Dr. B Veera Reddy**, Director (Technical), CIL

### ***Immediate Past Presidents***

**P M Prasad**, Chairman, Coal India Limited

**Anil Kumar Jha**, Former Chairman, Coal India Limited

### ***Vice-Presidents***

**J V Dattatreyyulu**, Former Director (Operations), SCCL

**Thomas Cherian**, Managing Director, Essel Mining & Industries Limited

**Bhola Singh**, Former CMD, Northern Coalfields Limited

**Jagdish Prasad Goenka**, Managing Partner, Nanda Millar Company

### ***Honorary Secretary***

**Ranajit Talapatra**, Former General Manager (Washeries), CIL

### ***Immediate Past Secretaries***

**Rajiw Lochan**, Former GM (CED/CBM), CMPDI

**Prasanta Roy**, HOD(Geology), CIL

### ***Honorary Jt Secretary***

**Dr Chandra Shekhar Singh**, GM, PMD, CIL

### ***Honorary Editor***

**Dr Ajay Kumar Singh**, Former Chief Scientist, CSIR-CIMFR

### ***Honorary Treasurer***

**Dr Prabhat Kumar Mandal**, Chief Scientist, CSIR-CIMFR

### ***Council Members***

**Dr Netai Chandra Dey**, Professor, IEST, Shibpur

**Prof (Dr) Ganga Prasad Karmakar**, Former Prof. IIT, Kharagpur

**Tapas Kumar Nag**, Former CMD, NCL

**Dr Peeyush Kumar**, GM, CIL

**Prof (Dr) Bhabesh Chandra Sarkar**, Former Professor, IIT (ISM) Dhanbad

**Dr Kalyan Sen**, Former Director, CSIR-CIMFR

**Dr Amalendu Sinha**, Former Director, CSIR-CIMFR

**Prof. (Dr.) Rajib Dey**, Professor, Jadavpur University

**Virendra Kumar Arora**, Chief Mentor (Coal), KCT & Bros

**Dr Jai Prakash Barnwal**, Former Chief Scientist, RRL

**Shri Bhaskar Chakraborti**, Former, Dy. DG, GSI

**Prof (Dr) Ashis Bhattacharjee**, Former Professor, IIT, Kharagpur

**Anup Biswas**, Former Deputy Director General, Mines Safety

**Pravat Ranjan Mandal**, Former Advisor (Projects), Ministry of Coal

**Awadh Kishore Pandey**, GM (Mining/HOD), MCL

**Nityanand Gautam**, Former Advisor, UNDP

**THE MINING, GEOLOGICAL & METALLURGICAL INSTITUTE OF INDIA**

**REPORT OF THE COUNCIL**

**The Council has the honour to present 118th Annual Report on the activities of the Institute for the year 2023-24 (April 2023- March 2024)**

**PROCEEDINGS OF THE 117TH ANNUAL GENERAL MEETING FOR THE YEAR 2022-23**

The 117th Annual General Meeting of MGMI was held on 23rd September 2023 at 04.00 P.M. at Crystal Banquet of Taj City Centre, New Town, Kolkata. The meeting was chaired by Dr B Veera Reddy, President, MGMI. The office bearers and members, who joined the meeting are Dr B. Veera Reddy S/Shri N K Jha, Prof S P Banerjee, R K Saha, R P Ritolia, T K Nag, Prasanta Roy, Dr P K Mandol, Dr Chandra Sekhar Singh, R N Biswas, Smarajit Chakrabarti, P R Mandal, G C Mukhopadhyay, Dr Subir Majumder, J K Das, Subrata Ghosh, Rajiw Lochan, Bhaskar Chakraborti, Anil Karmakar, Asit Baran Bhol, S K Ray, Ranjit Kumar Datta, Dr Sumit Kumar Ray, Biswajit Basak, Debdulal Sarkar, Sanjoy Mukhopadhyay, Dr S M Kolay, S Chakravarty, Dr Kalyan Sen, Ajit Singh Choudhary, P K Mukhopadhyay, Amitava Das, D K Mitra, Sudipta Saha, Subrata Biswas, M K Bhattacharya, K K Mishra, J K Hota, Dr Hemant Agarwal, T K Mishra, G G Nair, Anjani Kumar, Anup Biswas, R M Bhattacharyee, Khanindra Pathak, Praveen Sharma, Dr Lingampally Sai Vinay, Dr Santanu Kr Banerjee, Kamal Ghosh, Madhav Singhal, Pankaj Kumar, Sanjay Kumar, Bijetry Kar and Ranajit Talapatra.

Shri Ranajit Talapatra, Honorary Secretary, MGMI welcomed the members present and requested Dr V R Reddy, Dr P K Mandol, Hony Treasurer, Chandra Sekhar Singh, Hony Joint Secretary and Dr A K Singh, Hony Editor to come on dais. Then he read out the names of the members who left for their heavenly abode during the last one year and 1 (one) minute silence was observed for the departed souls. They are - Late R H Sawkar, T V S Rao, Dr Shyamal Chakraborty, K P Kapai, Mahendra Pratap Singh, Dr Kamal Nandi, Lab Kr. Bose, Tapodhir Bhattacharjee, Sujoy Kr Gupta, Aparash Chandra Bagchi, M N Mehta, Dr R R P Verma, Asit Kumar Ghosal, Ardhendu Sekhar Banerjee.

Next the Secretary proceeded with the agenda of the meeting as follows.

1. He read the Notice convening the 117th Annual General Meeting, which he said was already circulated by email earlier and in hard copy there in the hall.

2. The minutes of the 116th AGM held in Kolkata on 25/09/2022 was passed by voice vote.
3. The Council's report, Audited balance sheet and Statement of accounts for the year ending on 31/03/2023, circulated by email earlier and in hard copy there in the hall, were adopted by voice vote.
4. Dr P K Mandol read out a short account of the income and expenditure incurred by MGMI during the last year.
5. M/s Jha&Co was reappointed the Institute's Auditor for the year 2023-24 with a remuneration of Rs of 15000/-.
6. The recommendations of the Judging Committees for **3** MGMI awards and medals for **2022-23** were announced and presented to the recipients by the President. MGMI Award of Excellence for **Coal Mining for outstanding contribution in Coal** awarded to Dr Prem Sagar Mishra CMD, SECL and Prof Khanindra Pathak, Professor, IIT, Kharagpur.

Dr Prem Sagar Mishra CMD, SECL donated the cash amount to MGMI with the request to purchase books for the library.

MGMI Award of Excellence for **Non-Coal Mining for outstanding contribution in Mining other than Coal** was awarded to Shri Praveen Sharma, Head, COE (Mining) Hindustan Zinc Limited and Shri Sabyasachi Mohanty, Director Operation, Odisha Mining Corporation Limited.

MGMI Award of Excellence for **Earth Science/Mineral Engineering** for outstanding contribution in Earth Science awarded to Prof Mrinal Kanti Mukherjee, Associate Professor, Indian Institute of Technology (ISM)

7. The Students' Awards for 2021-22 were announced and the awards were presented by the President.
  - a) Pickering Medal for the Best Student in B.Tech Final of Mining Engineering to **Shri Madhav Singhal** of IIT (ISM), Dhanbad.
  - b) Hayden Medal for the Best Student in M.Sc/M.Tech. in Applied Geology to **Smt Sakshi Sharma** of IIT (ISM) Dhanbad. .

- c) Yule Medal for the Best Student in B.Tech. Mining Machinery to **Shri Pankaj Kumar** of IIT (ISM) Dhanbad.
  - d) McNally Bharat Medal for the Best Student in B.Tech. Mineral Engineering to **Shri Sourav Prasad** of IIT (ISM) Dhanbad.
  - e) Dr. Hari Narain Medal for the Best Student in M.Sc (Tech.) Applied Geophysics to **Km Shiwani Verma** of IIT (ISM) Dhanbad.
  - f) Oil India Medal for the Best Student in B.Tech. Petroleum Engineering to **Shri Shashank Shekhar** IIT (ISM) Dhanbad.
  - g) Chandrakala Medal for Mining Engineering to **Miss Anjaly Kumari** of IIT, Kharagpur.
  - h) S Lal Award for Mining Engineering to **Shri Sachin Paul** of IEST, Shibpur.
  - i) Dr. J. Coggin Brown Memorial Cash Award to **Smt. Sujata Majhi** of Presidency University.
  - j) Indranil Award for B.Tech. in Metallurgy to **Ms Bijetry Kar** of IEST, Shibpur.
  - k) SCCL Gold Medal for the Best Student in Mining Engineering to **Shri Vinay Gade** of Kakatiya University.
  - l) Nava Bharat Ferro Alloys Medal for Mining Machinery to **Shri Vinay Gade** of Kakatiya University.
  - m) Robertson Medal for Mining Engineering to **Shri Sanjay Kumar** of BHU.
  - n) Hadfield Medal for Metallurgical Engineering to **Shri Swarnendu Das** of BHU.
  - o) La Touch Medal for Geology to **Shri Shashank Tripathi** of BHU.
8. Dr B Veera Reddy, President, MGMI delivered the presidential address in the meeting.
9. The Secretary announced that in the last Council Meeting it was decided that Shri B Veera Reddy will continue to be the President of MGMI during the next year 2023-24. Members congratulated Dr Reddy.

10. Since no post of Council Member, except one reserved for metallurgists, fell vacant this year, no general election was held. For the reserve post, nominations were invited and only one was received. Dr Rajib Dey, the sole nominee, has been selected as a Council Member of MGMI.
11. The Secretary placed before the audience that the MoA of MGMI requires modification / amendment to include provisions of e-voting and remove bar on educational qualification which is hindering induction of new members from industry. For this committees will be formed at the Council Meeting. The proposal was accepted by members.
12. The meeting concluded with Vote of Thanks by C S Singh. He thanked the President, Secretary, Council Members, all the members who helped in MGMI activities and also the staff members of the Institute.

### **HEADQUARTERS ACTIVITIES**

There were four Council Meetings held during the 117th & 118th Session. The CM 898th was held on 27th May 2023, CM 899th on 29th July 2023, CM 900th on 02nd Sept 2023 & CM 901st was held on 03rd Dec 2023.

#### **A Report on National Seminar on Green Mining and Net-Zero (GMANZ 2023)**

Mining, Geological & Metallurgical Institute of India (MGMI) organised a National Seminar on Green Mining and Net-Zero (GMANZ 2023) on 23rd September 2023. It was held at The Taj City Centre, New Town, Kolkata. The event was arranged in three sessions – inaugural and two technical sessions.

#### **Inaugural Session**

The Chief Guest of the event was Shri PM Prasad, Chairman, Coal India Limited (CIL) and Keynote Speaker of the seminar was Prof R B Grover, Padma Shri, Member, Atomic Energy Commission and Founding Vice Chancellor, HBNI. Other dignitaries were Dr B Veera Reddy, CMD, CCL and President, MGMI, Shri R K Saha, Chairman, GMANZ2023, Shri Rajiw Lochan, Convenor GMANZ2023, Shri Ranajit Talapatra, Honorary Secretary, MGMI.

Shri Rajiw Lochan delivered the welcome address, specially welcoming the guests, speakers and delegates. Shri R K Saha introduced the theme of the seminar mentioning the two subjects. He told that the basic concept is deliberations on pollution-free mining and hydrogen as a clean source of energy. Dr B Veera Reddy spoke about the activities and membership drive of MGMI, mentioning it should expand its activities and may be in a position to provide suggestions to the Government in formulation of policies like net zero. Dr Ajay Kumar Singh, Editor, MGMI introduced the keynote speaker, Padma Shri Prof R B Grover, the foremost nuclear scientist of the country, who has unparalleled distinction of blending science, technology and diplomacy. He spoke of Prof Grover's role in founding Homi Bhabha National Institute as Founder Member, mentioning his contribution in nuclear diplomacy and resumption of civil nuclear cooperation including Indo-American nuclear deal.

Prof R B Grover thanked MGMI for the invitation and mentioned that he is from a discipline other than mining and geology, but that is the necessity today for all disciplines to come together for development of the country. We are talking of moving to a net zero economy, not only to net zero energy. We have five decades to achieve it and for this all, R&D professionals, industry professionals, economists, and society, have to come together.

Shri P M Prasad in his speech highlighted the environmental measures that CIL is taking, like, plantation, top soil management, slope management, dump management.

Shri Ranajit Talapatra proposed Vote of Thanks.

### **Technical Session I**

Prof. Ram Madhab Bhattacharya, Professor and Dean, International Relations and Alumni Affairs, IIT (ISM) Dhanbad spoke on Challenges in Sustainable Underground Coal Mining Technology and Solutions. Shri N C Jha, Former Chairman, Coal India Limited and Past President, MGMI deliberated on India's 2070 Net-Zero Pledge and its impact on future of Indian Coal Industry. The topic of discussions of Shri Anil Kr Rana, Advisor (Mining) and Former Director (T/P&D), CMPDI was Green Roadmap for Future Coal Mining and Mine Closure.



## **Technical Session II**

Prof. R B Grover presented the Keynote address– Production of low - carbon hydrogen using nuclear energy. He touched on the threats on current levels of energy use, which are ecological crisis, resource scarcity, geopolitical instabilities, pointing out that, despite threats, immense improvements in energy efficiency have occurred since industrial revolution. Dr Pradip Kr Banerjee, Outstanding Scientist, CSIR-CIMFR talked on Hydrogen and Methanol Production from Coal. Dr Arnab Dutta, Associate Professor, Department of Chemistry, IIT Bombay delivered address on Renewable Energy Driven Hydrogen Production from water.

Shri Ranjan Kr Sinha, Chief Procurement Officer and Chief Group Shipping, Tata Steel – Maritime Sustainability towards Net-Zero Emission.

The seminar was followed by 117th Annual General Meeting.

## **COUNCIL MEETING OF 117TH AND 118TH SESSIONS**

### **HIGHLIGHTS OF 898th COUNCIL MEETING**

The 898th Council Meeting of MGMI held through Hybrid platform on 27th May 2023 at MGMI Bldg., GN-8/4, Sector-V, Salt Lake, Kolkata-700091.

(Duly approved in the 899th Council Meeting held on 29th July 2023).

Dr. B. Veera Reddy, President in the Chair. The meeting was attended by

Prof. Sakti Pada Banerjee, Prof. B B Dhar, Shri N C Jha, Shri R P Ritolia, Shri R K Saha, Shri J P Goenka, Shri Ranajit Talapatra, Shri Rajiv Lochan, Shri Prasanta Roy, Dr. C.S. Singh, Dr P K Mandal, Dr. A K Singh, Shri V K Arora, Prof B C Sarkar, Shri P Kumar, Shri T K Nag, Shri J V Dattatreylu, Dr. A Sinha, Prof (Dr.) G P Karmakar, Shri N N Gautam. Dr. Kalyan Sen, Prof. N C Dey, Dr. J P Barnwal, Prof Ashish Bhattacharya, Shri Manoj Kumar, Shri P S Upadhyay, Shri I P Wadhwa, Shri D B Sundara Ramam.

The Minutes of the 897th (2nd meeting of the 117th Session) Meeting of the Council held on 11th Mar 2023 in Hybrid mode (Both Physical & Virtual) Platform was confirmed.

The Council considered the Action Taken Report in respect of the Minutes of 897th Council Meeting held on 11th Mar 2023

The Council discussed in length about the progress of 10th AMC & IME, both was to held concurrently in Nov 2023 at Kolkata

The Council discussed to hold an election for one seat in Metallurgy which was vacant and a committee was constituted to process the seminar.

The Council decided to hold the AGM on 23rd Sept 2023 along with a Half day Seminar on the same date.

The Council discussed the different awards existing and given as standard practice in Excellence in Coal Mining, Non-Coal Mining, Earth-Science / Mineral Engineering. The Council decided to set up a committee for Judging Award for best Technical paper in Transaction Volume & a committee was set up to look into the same.

The Council approved the repair & operation of the Transit house. The Honorary Secretary felt it needed to run the Transit house after reviving the same as it was closed since Covid 2019 & informed the Council Members of the same.

The Council also approved the appointment of a Company Secretary which is required as suggested by the Honorary Secretary in order to be under the compliance of Company's Act.

### **HIGHLIGHTS OF 899th COUNCIL MEETING**

The 899th Council Meeting of MGMI held through Hybrid platform on 29th July 2023 at MGMI Bldg., GN-8/4, Sector-V, Salt Lake, Kolkata- 700091.

(Duly approved in the 900th Council Meeting held on 02nd Sept 2023).

Dr. B. Veera Reddy, President in the Chair. The meeting was attended by Prof. Sakti Pada Banerjee, Prof. B B Dhar, Shr N C Jha, Shri R P Ritolia, Shri R K Saha, Shri N K Nanda, Shri J P Goenka, Shri Ranajit Talapatra, Shri Rajiv Lochan, Shri Prasanta Roy, Dr. C.S. Singh, Dr P K Mandal, Shri V K Arora, Prof B C Sarkar, Shri P Kumar, Shri Awadh K Pandey, Shri T K Nag, Dr. A Sinha, Prof (Dr.) G P Karmakar, Shri N N Gautam, Dr. Kalyan Sen, Prof. N C Dey, Dr. J P Barnwal, Prof Ashish

Bhattacharya, Shri Anup Biswas, Shri P S Upadhyay, Shri G S Khuntia, Shri IP Wadhwa & Shri D B Sundara Ramam.

Council resolved that: The Minutes of the 898th ( 3rd Meeting of the 117th Session) Meeting of the Council held on held on 27th May 2023 on Hybrid Platform was confirmed.

The Council considered the Action Taken Report in respect of the Minutes of the 898th Council Meeting held on 27th May 2023.

The Council discussed in length about the progress of 10th AMC & IME. The Convenor of the 10th AMC also informed the Council about some selected papers to be published for the first time through Springer.

The Council discussed about the election of one seat in Metallurgy which was lying vacant.

The Council discussed about the progress of Half day Seminar to be held along with AGM on 23.09.2023.

The Council discussed and recommended resolution as per template required for assigning Razorpay or CC Avenue as payment gateway for online payment in MGMI Transactions including online membership fees.

The Council also discussed about the Golf tournament to be held later in Nov 2023.

### **HIGHLIGHTS OF 900th COUNCIL MEETING**

The 900th Council Meeting of MGMI held through Hybrid platform on 02nd Sept 2023 at MGMI Bldg., GN-8/4, Sector-V, Salt Lake, Kolkata- 700091.

(Duly approved in the 901st Council Meeting held on 02nd Sept 2023).

Dr. B. Veera Reddy, President in the Chair. The meeting was attended by Prof. Sakti Pada Banerjee, Prof. B B Dhar, Shri N C Jha, Shri R P Ritolia, Shri R K Saha, Shri J P Goenka, Shri Ranajit Talapatra, Shri Rajiv Lochan, Shri Prasanta Roy, Dr. C.S. Singh, Dr P K Mandal, Shri V K Arora, Prof B C Sarkar, Shri P Kumar, Shri Awadh K Pandey, Shri T K Nag, Shri J V Dattatreylu, Prof (Dr.) G P Karmakar, Shri N N Gautam, Dr. Kalyan Sen, Prof. N C Dey, Dr. J P Barnwal, Shri Thomas Cherian,

Shri Manoj Kumar, Shri P S Upadhyay, Shri G S Khuntia, Shri IP Wadhwa & Shri D B Sundara Ramam.

Council resolved that: The Minutes of the 899th ( 4th Meeting of the 117th Session) Meeting of the Council held on held on 29th July 2023 on Hybrid Platform was confirmed.

The Council considered the Action Taken Report in respect of the Minutes of the 898th Council Meeting held on 27th May 2023.

The Council discussed about the progress of 10th AMC & IME scheduled to be held in Nov 2023.

The Council Members unanimously elected Dr. V B Reddy as President & Shri Ranajit Talapatra as Honorary Secretary of the Institute.

The Scrutineers' Committee informed that only one nomination was received in Metallurgy Seat & Prof. (Dr.) Rajib Dey was elected unanimously & the Council was informed that his name will be confirmed and announced in the next AGM.

The Council gone through the audited income & expenditure statement and the balance sheet for the year 2022-23 and approved the same.

The Council was informed about the appointment of auditor M/s Jha & Associates with the same remuneration of Rs.15,000/- per year and the Council agreed.

The Council was informed and agreed to have a separate website for the forthcoming 10th AMC 2023.

### **HIGHLIGHTS OF 901st COUNCIL MEETING**

The 901st Council Meeting (1st meeting of the 118th Session) of MGMI held through Hybrid platform on 03rd Dec 2023 at MGMI Bldg., GN-8/4, Sector-V, Salt Lake, Kolkata-700091.

(Duly approved in the 902nd Council Meeting held on 27th April 2024).

Dr. B. Veera Reddy, President in the Chair. The meeting was attended by Prof. Sakti Pada Banerjee, Prof. B B Dhar, Shr N C Jha, Shri J P Goenka, Shri Ranajit Talapatra, Shri Rajiv Lochan, Shri Prasanta Roy, Dr. C.S. Singh, Dr P K Mandal, Dr. Ajay Kr

Singh, Shri V K Arora, Prof B C Sarkar, Shri P Kumar, Shri Awadh K Pandey, Prof (Dr.) G P Karmakar, Shri N N Gautam, Dr. Kalyan Sen, Prof. N C Dey, Dr. J P Barnwal, Shri Thomas Cherian, Prof Ashish Bhattacharya, Dr. Amalendu Sinha, Prof. (Dr.) Rajib Dey, Dr. Ajay Kr Moitra,

Council resolved that: The Minutes of the 900th ( 5th Meeting of the 117th Session) Meeting of the Council held on held on 02nd Sept 2023 on Hybrid Platform was confirmed.

The Council considered the Action Taken Report in respect of the Minutes of the 900th Council Meeting held on 02nd Sept 2023.

The Council discussed in length about the report of the forthcoming 10th AMC & IME which was held on Nov 2023. The Council concluded unanimously about both the event was held successfully and also congratulated the AMC Team that for the first time papers were published by Springer Nature.

The Council was informed about the election of office bearers viz Vice Presidents, Hony Jt. Secretary, Hony. Treasurer & Hony. Editor for the year 2023-24 and unanimously approved the continuation of the honorary services of the below mentioned gentlemen for the year 2023-24 –

North – Shri Bhola Singh

East – Shri J P Goenka

South – Shri J V Dattatreyyulu

West – Shri Thomas Cherian

Honorary Joint Secretary – Dr. C S Singh

Honorary Treasurer – Dr. Prabhat Kr Mondal

Honorary Editor – Dr. Ajay Kr Singh.

The Council discussed the expenditure incurred for the year 2023-24 and also noted that expenses had gone up due to Foundation Day event and also Half day National Seminar - GMANZ 2023 held during same day of AGM in Sept 2023.

The Council also discussed about future event of holding Foundation Day Program in Jan 2024 and ECL is going to hold the program at Sanctoria.

The Council agreed in appointment of Company Secretary at a remuneration of 12K per month.

### **REPORT ON THE 10TH ASIAN MINING CONGRESS (06th – 09th Nov, 2023)**

The 10th Asian Mining Congress (10 AMC) organised by The Mining, Geological and Metallurgical Institute of India (MGMI), at the Taj Taal Kutir Convention Centre, New Town, Kolkata on 6th – 9th November, 2023 was the latest milestone in a series of biennial events of Asian Mining Congress (AMC) and International Mining Exhibition (IME) since 2006. Central theme of the Congress was “**Roadmap for Best Practices vis-à-vis Global Transformation**”. The Congress witnessed a participation of nearly 550 registered delegates including executives, practicing engineers, planners, policy makers, equipment manufacturers, regulators, scientists, researchers and other professionals from various organizations from India and abroad, who shared expertise and broad experience, through lively and dynamic presentations and discussions. To encourage students’ participation in the Congress students were supported to attend through subsidized registration costs.

A total of 58 technical presentations on varied topics covering exploration, policies, mine planning, safety and surveillance, processing of minerals, sustainable green mining and oil and gas sectors were presented and discussed in a Plenary and ten technical sessions. In addition seven CEOs from PSUs and private enterprises expressed their views on improving productivity and efficiency in mineral industries based on the theme of the Congress. The Congress Proceedings Volume was published by the internationally reputed publishing house “Springer”. A Supplementary Volume and Souvenir were also published and were provided to the delegates in their kit.

The following companies were the sponsors during the 10th AMC 2023:

- Principal Sponsor : Coal India Ltd.
- Platinum Sponsor : NMDC
- Gold Sponsor : OIL
- Delegate Kit Donor : CCL
- Dinner Host : MCL & NCL

- Lunch Host : SECL & WCL
- Associate Sponsors : Tata Steel, NTPC, BEML, Essel Mining, SAIL, SCCL, NLC India, GMMCO.
- Hi Tea Hosts : CMPDI, BCCL & ECL

### INAUGURAL SESSION

The Hon'ble Chief Guest on the occasion was **Shri Pralhad Joshi**, Hon'ble Minister of Coal, Mines & Parliamentary Affairs, Government of India, who could not come due to other pressing engagement. The Guests of Honour and dignitaries in the inaugural session were –

- **Shri Amrit Lal Meena**, IAS, Secretary, Ministry of Coal, Government of India, Guest of Honour
- **Dr Janardan Prasad**, Director General, Geological Survey of India, Guest of Honour
- **Shri P M Prasad**, Chairman, Coal India Limited, Guest of Honour
- **Ms Rowan Ainsworth**, Consul General, Australian Consulate, Kolkata, Guest of Honour
- **Shri Manoj Kumar**, CMD, CMPDI, Chairman, Organizing Committee
- **Shri Bhola Singh**, CMD, NCL, Chairman, Exhibition Committee
- **Dr B Veera Reddy**, Director (Technical), CMD, CCL, President, MGMI

The Congress was inaugurated by the Chief Guest, Guests of Honour and the dignitaries by ceremonial lighting of lamps.

### VALEDICTORY SESSION

The concluding session of the 10th AMC commenced with the following guests and office-bearers on the dais.

- **Shri V L Kantha Rao**, IAS, Secretary, Ministry of Mines, GoI, Chief Guest
- **Shri P M Prasad**, Chairman, Coal India Limited, Guest of Honour
- **Shri A Rajkamal**, IAS, Director, Mines and Geology, Jharkhand, Guest of Honour
- **Dr B Veera Reddy**, Director (Technical), CMD, CCL, President, MGMI

- **Shri Manoj Kumar**, CMD, CMPDI, Chairman, Organizing Committee
- **Dr Amalendu Sinha**, Chairman, Technical Committee
- **Shri Ranajit Talapatra**, Hony Secretary, MGMI
- **Shri Prasanta Roy**, Convenor, 10th Asian Mining Congress

The 10th Asian Mining Congress came to conclusion with Vote of Thanks by the Convenor **Shri Prasanta Roy**. He expressed gratitude to Shri V L Kantha Rao, Shri A Rajkamal, Shri P M Prasad, Dr B Veera Reddy. He thanked profusely to Shri Manoj Kumar, Shri Bhola Singh under whose guidance the AMC and IME have become a grand success. He thanked Springer for publishing the proceedings, the technical committee, the editors, the reviewers, under chairmanship of Dr Amalendu Sinha. He thanked all the sponsors, naming them individually, to Tafcon for organizing the exhibition, the event management team, Taj Taal Kutir. Most important parts of the conference are the authors, delegates and participants, to whom Shri Roy expressed gratefulness. He thanked Shri Ranajit Talapatra, Secretary, Shri C S Singh, Jt Secretary, MGMI, the comperes, and all the staff members of MGMI.

- Chairpersons, coordinators and speakers of all sessions were felicitated with mementoes.
- A cultural programme was organized in the evening of 7th November 2023. A dance troupe SAPHIRE DANCE TROUPE entertained the guests, delegates and participants at the 10th AMC with their performance.
- **INTERNATIONAL MINING EXHIBITION (IME 2023)**
- The 10th edition of “IME 2023 – the Premier International Exhibition for Mining, Equipment & Minerals” held during November 6-9, 2023 at Eco Park, Kolkata, was the largest ever and brought buyers, manufacturers and visitors from 20 Countries. The Event which was spread over 42,000 square meters had participation from 447 International and domestic Exhibitors and 25,430 trade visitors.
- The Exhibition was inaugurated by Chief Guest Shri Amrit Lal Meena, Secretary, Ministry of Coal, and Government of India on November 6, 2023 in the presence of Guests of Honour Smt. (Mrs.) Rowan Ainsworth, Consul General, Australian Consulate Kolkata, Shri P.M. Prasad, CMD, Coal India Ltd... The other eminent



dignitaries present on the occasion were Dr. B. Veera Reddy, President MGMI & Director (T), Coal India Ltd.; Shri Shantanu Roy, CMD, BEML; Shri M. Prasanna Kumar, CMD, NLC India Ltd., Shri Bhola Singh CMD, Northern Coalfields Ltd.; Shri Rajesh Nath, MD, VDMA.

## CHAPTER ACTIVITIES

- **Calcutta Chapter**

### **Annual General Meeting**

The Annual General Meeting (AGM) of the MGMI Calcutta Chapter was held on Sunday, 15th January 2023 at Golden Glow Resort, Dingelpota, North 24 Pgs, W.B., during the 29th Annual Day Get Together Event of the Chapter. The AGM was attended by 54 members of MGMI Calcutta Banch. It was chaired by Dr. Ajoy Kumar Moitra, Chairman of the Chapter. The meeting commenced with observing one minute silence to pay homage to our Members, who left for their heavenly abode during the past two and a half years since the last AGM was held.

Bhaskar Chakrabarti, General Secretary of the Chapter & a Council Member of MGMI, presented the activities of the Chapter during the past 2½ years. He mentioned that no Fund-raising activity could be arranged by the Chapter since 2019. It has been decided that MGMI Apex Body will be requested to refund the TDS amount deducted from the Chapter's Sponsors' contribution, which had been recovered by MGMI from the IT department, because of use of MGMI's PAN.

The election / selection of the new Executive Committee for 2023-25 was then undertaken. The following will be the officer bearers of MGMI Calcutta Chapter during 2023-25.

Patron-in-Chief	: Dr. B. Veera Reddy, President of MGMI (Ex-officio)
Patrons	: Dr. S. M.Koley, Dr. Anupendu Gupta, Dr. Bijan Saha
Chairman	: Dr. Ajoy Kumar Moitra
Vice Chairmen	: Shri S.R. Panja, Dr. Biplab Mukerji
General Secretary	: Shri Bhaskar Chakrabarti
Organizing Secretary	: Shri Ranjit Kumar Datta

Joint Secretaries	:	Shri Kamal Ghosh, Shri Arunabha Das
Treasurer	:	Shri Ajoy Kumar Das
Joint Treasurer	:	Shri Sudipta Saha
Members	:	Shri Sajalendu Roy, Shri Amit Sarkar, Shri Sambhu Chakrabarty, Shri Muktipada Das, Sheikh Abu Sufiyan, Md. Aminul Islam, Shri Anil Karmakar, Shri Gopal Mukherjee

### **ANNUAL GET-TOGETHER 2023**

The 29th Annual Get-together of families of the members was organized on 15th January 2023. It was arranged at Golden Glow Garden, Dingelpota, south of Boral, 24 Paraganas (S), West Bengal. It is a nice picnic spot covering wide area with a children's park, sports ground, dining hall and a banquet hall as well.

This year the Executive Committee, considering our social responsibility, decided to entertain a group of special children at the event. Accordingly an organization, 'Bodhyan' that works to provide social integration for special children through sports & games, cultural activity and occupation in productive work through occupational therapy, was contacted. They kindly agreed to come and take part in the event. About 50 members from the organization, including special children along with their teachers and guardians joined and enjoyed. They took part in sports, song, dance and thrilled the participants.

The Chief Guest on the occasion was Dr. B. Veera Reddy, President, MGMI and Director Technical, Coal India Limited, who had kindly glorified the event by his presence with family. Dr Reddy liked the event and spoke about the need for such get-togethers. He appreciated Calcutta Chapter for inviting the special children keeping in mind the social responsibility. Mrs. Reddy was pleased to hand over gift packets to these children.

The daylong event was attended by 115 persons comprising members and their families plus the 60 guests from 'Bodhyan'. Friends, colleagues, alma maters, professional acquaintances and their families remained engrossed the whole day in 'adda' (chatting). At the conclusion, participation mementoes were presented to the members before leaving.

- **MGMI Nagpur Chapter**

MGMI Nagpur Chapter hosted a seminar on "**Best Practices in Mineral Sector**" on March 12, 2023. The seminar featured esteemed guests, including Dr B Veera Reddy, Director (Tech) Coal India & President, MGMI, as Chief Guest, Shri Manoj Kumar, CMD, WCL Shri AK Singh, DT WCL among others. More than 100 applications for Life Membership received from Nagpur.

- **MGMI Odisha Chapter**

MGMI Odisha Chapter has successfully organized the 1st Conference cum Exhibition on Redefining Mining Sector (CERIMS) 2023 with the theme Transformation through Industry-Institute-Innovators Collaboration at MCL Auditorium, Jagriti Vihar, Burla on 14th October 2023 with the active support of Mahanadi Coalfields Limited.

Shri Amrit Lal Meena, IAS, Secretary, Ministry of Coal, Govt of India was the Chief Guest and

**Shri P M Prasad, Chairman, Coal India Limited;**

**Dr. P S Mishra, Chairman-Cum-Managing Director, South Eastern Coalfields Limited;**

**Dr. B Veera Reddy, Director (Technical), Coal India Limited;**

**Shri Mukesh Choudhary, Director (Marketing), Coal India Limited;**

**Shri S P Singh, Director (Technical/Project & Planning), Northern Coalfields Limited;**

**Prof. A K Mishra, Director, CSIR- Central Institute of Mining and Fuel Research were the Guest of Honors.**

Total no. of registrations across all categories (Delegates/Authors/Exhibitors) was 290. Representative from 60 different organizations comprising of Institute-Industry and Innovators have participated. A total of 39 technical papers have been received of which 16 papers were presented by academic institutes, research institutes and industries on the subjects ranging from Topics- Pre-Mining Methane Drainage, Oil Agglomeration, Relooking into R&R Policies, Carbon Trading, Mining 4.0, Risk Management in MDO models and other sustainable practices. A total of 16 Exhibitors have participated showcasing electric truck, blast free cutting technology, application of drones in mining, virtual reality for enhancing training efficiency, real time health monitoring of HEMM,

interactive chat GPT for mining rules, regulations, acts, etc., video analytics integrated with access control system, coal washing, AI/ML based mine illumination and smart traffic management system.

- **Nagpur Chapter**

**Seminar Report of Reliable, Affordable & Clean Energy (RACE)**

The Mining Geological & Metallurgical Institute of India (MGMI), **Nagpur Chapter** organized a one-day seminar on "**Reliable, Affordable & Clean Energy (RACE)**" on **December 20, 2023** at Hotel Radisson Blu, Nagpur. The seminar was chaired by Shri Ajit Kumar Saxena, CMD, MOIL Ltd. Shri J P Dwivedi, Director (Tech) Op, WCL was the Patron of the event. The Platinum Sponsor was Western Coalfields Limited.

The seminar brought together various stakeholders including mineral organizations, regulators, government bodies, academia, and activists to discuss the need for reliable, clean and affordable energy sources in India. Speakers at the seminar included reputed Directors of CIL & its subsidiaries, ex-Directors CIL, and delegates from organizations like CIL, WCL, ECL, MCL, SECL, MOIL Ltd, CMPDIL, MECL, IOCL, CIMFR-Nagpur, Satna University, Ramdeobaba College of Engineering and Management, Adani Power, Deloitte and aXYKno Capital Services Pvt Ltd.

In the face of a global energy transition, coupled with India's vast and growing population, demands a strategic focus on reliable, clean, and affordable energy sources. The MGMI seminar on RACE uniquely positioned itself as a vital forum to address this pressing need. This platform aimed to unite diverse stakeholders - mineral organizations, regulators, planners, government bodies, academia, and activists. The goal was simple - showcase achievements, share innovations, and pave the way for the adoption of new and sustainable technology in industries and households. The speakers covered various topics related to the theme including "Renewables in the Mining Industry-Pumped Storage Hydropower Development", "Redefining Mine Closure: Harnessing Renewable energy for Sustainable Mine Closure Practices", "Role of Coal Sector towards Energy Transition", and "Importance of Critical Minerals for Green Technology & Sustainable Energy Scenario in India".

The key takeaways from the seminar were the achievements and innovations showcased by the speakers, and the insights provided by panelists on adopting new sustainable technologies in industries and households.

### **Summary of Event of 10/06/2023**

Mining, Geological and Metallurgical Institute of India organised a talk by Shri Partha S Bhattacharya, IAS, Chairman Peerless General Finance & Investment Company Limited and Former Chairman, Coal India Limited at Hyatt Regency, Kolkata in the evening of Saturday, 10th June at 06.30 P.M. The guest of Honour on the occasion was Shri Pramod Agrawal, IAS, Chairman, Coal India Limited. Members, with their spouse / family, were invited in the event.

Dr Reddy presented a short introduction of Shri Agrawal, his leadership qualities and the appreciable performance of Coal India Limited under his chairmanship. Shri Agrawal will be retiring that month and Dr Reddy wished a very active life for him. In his address Shri Agrawal talked about his experience of working in various positions in his career, especially at Coal India Limited. He felt that MGMI was not been performing to its potential. He questioned why MGMI is not expanding from its less than 3000 members while it covers three disciplines – mining, geology and metallurgy. He suggested that MGMI's ambit need be expanded and it should take active roles by suggesting policy-related issues to the Government.

Shri Bhattacharya talked about his association with MGMI. He spoke about Coal India from an outsider's view. He told how during the leadership of Shri Agrawal the performance of Coal India, including production and supply, improved from negativity to high positivity. He suggested that now Coal India should give attention to quality. Better quality coal should be supplied to the consumers. He pointed out that Indian coals supplied to consumers are much below the world standard and the consumers are ignorant of it. Improvement of quality will improve the industry.

### **Report of 18th Foundation Day Lecture**

Foundation Day Lectures, delivered by eminent personalities, are one of the important events of The Mining, Geological & Metallurgical Institute of India (MGMI), generally held annually. The 18th one was arranged on **16th January 2023 evening at 18.30 hours at Crystal, Taj City Centre New Town, Kolkata**. It was delivered by **Shri Pramod**

**Agrawal, Chairman, Coal India Limited.** Due to pressing commitments, Shri Agrawal could not come to Kolkata and he delivered the address live virtually.

The Honorary Secretary introduced Shri Promod Agrawal highlighting his academic and professional achievements. He then invited Shri Agrawal to deliver the lecture which was presented live virtually. Shri Agrawal thanked MGMI for giving the privilege to deliver the lecture. He congratulated the members on the foundation day. He delivered an extempore talk on the energy scenario with special reference to coal. According to him the energy crisis in our country was not only due to the coal crisis, but also infrastructure crisis. Shri Agrawal profusely thanked MGMI for giving him the opportunity to deliver this lecture and hoped he would get chance to interact with MGMI in future.

The event concluded with the vote of thanks by the Joint Honorary Secretary and then Honorary Secretary invited all Members and Guests to join the Cocktails and Dinner.

### **PUBLICATIONS**

#### **News Journal**

Four issues viz Vol 49 No 1 ( April – June 2023), Vol 49 No 2 & 3 ( July-Sept & Oct-Dec 2023), Vol 49 No 4 (Jan2024- Mar 2024) published & distributed

### **LIBRARY**

During the year about 95 Journals, periodicals, Bulletins, etc has been added in the library. Selected publications both of the Institute & of other organizations have been re-arranged in the library shelves. Exchange relations during the year were reviewed.

### **FINANCIAL POSITION**

The audited statement of accounts for the year 2023-24 is appended. Some members are in arrears of subscriptions. As the membership subscription is the main source of the income of the Institute, attention of all members is drawn for timely payment of the subscription. The Annual subscription shall be payable in advance on the first day of the commencing year.

### **MEMBERSHIP**

During the year under report 132 new members have been enrolled in different categories.

### ACKNOWLEDGEMENT

Our efforts are on for various developments in line with the objectives of MGMI. Your support and valuable suggestions are be most welcome.

The Council gratefully acknowledges the assistance received from members serving on various Committees and record its sincere thanks to all who have helped the Institute by extending co-operation & assistance in various activities.

**Ranajit Talapatra**

Honorary Secretary

For and on behalf of the Council, MGMI

### In Memoriam

MGMI deeply mourns the sad demise of the following members :

- |                                   |                           |
|-----------------------------------|---------------------------|
| • <b>Sudhir Bandopadhyay</b>      | <b>Life Member - 6071</b> |
| • <b>S.N. Ghosh</b>               | <b>Life Member - 2609</b> |
| • <b>(Dr.) Sunit Kumar Sarkar</b> | <b>Life Member - 3272</b> |
| • <b>Er. Surendra Singh, FIE</b>  | <b>Life Member - 2414</b> |
| • <b>Ajit Das</b>                 | <b>Life Member - 3541</b> |
| • <b>Aparesh Chandra Bagchi</b>   | <b>Life Member - 8994</b> |
| • <b>Tapodhir Bhattacharjee</b>   | <b>Life Member - 6467</b> |
| • <b>Sujoy Kumar Gupta</b>        | <b>Life Member - 1734</b> |
| • <b>Ardhendu Banerjee</b>        | <b>Life Member - 6192</b> |
| • <b>Asit Kumar Ghosal</b>        | <b>Life Member - 8143</b> |
| • <b>Biswanath Khan</b>           | <b>Life Member - 7976</b> |

**MAY THEIR SOULS REST IN PEACE**

**AUDITED BALANCE SHEET**  
**WITH**  
**INCOME & EXPENDITURE ACCOUNTS**  
**2023 – 2024**



Blank

**M/s. Jha & Jha**  
Chartered Accountants  
Firm Registration No. : 328888E

51, Adiganga Road, Bansdrone, 2nd Floor  
PO+PS : Bansdrone, Kolkata-700 070  
Phone : 91-33-3571 7838  
Email : sudhip@icai.org

## INDEPENDENT AUDITOR'S REPORT

To  
The Members of  
The Mining, Geological & Metallurgical Institute of India

### Report on the Standalone Financial Statements

#### Opinion

We have audited the accompanying Standalone financial statements of **The Mining, Geological & Metallurgical Institute of India ("the Company")** which comprises the Balance Sheet as at March 31, 2024, the Statement of Profit and Loss, for the year then ended, and notes to the financial statements, including a summary of significant accounting policies and other explanatory information.'

In our opinion and to the best of our information and according to the explanations given to us, the aforesaid standalone financial statements give the information required by the Act in the manner sorequired and give a true and fair view in conformity with the accounting principles generally accepted in India, of the state of affairs of the Company as at March 31, 2024, and profit for the year ended on that date.

#### Basis for Opinion

We conducted our audit in accordance with the Standards on Auditing (SAs) specified under section 143(10) of the Companies Act, 2013. Our responsibilities under those Standards are further described in the Auditor's Responsibilities for the Audit of the Financial Statements section of my Report. We are independent of the Company in accordance with the Code of Ethics issued by the Institute of Chartered Accountants of India together with the ethical requirements that are relevant to my audit of the financial statements under the provisions of the Companies Act, 2013 and the Rules thereunder, and we have fulfilled our other ethical responsibilities in accordance with these requirements and the Code of Ethics. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our opinion.



### **Responsibility of Management for the Standalone Financial Statements**

The Company's Board of Directors is responsible for the matters stated in section 134(5) of the Companies Act, 2013 ("the Act") with respect to the preparation of these standalone financial statements that give a true and fair view of the financial position, financial performance, of the Company in accordance with the accounting principles generally accepted in India, including the accounting Standards specified under section 133 of the Act. This responsibility also includes maintenance of adequate accounting records in accordance with the provisions of the Act for safeguarding of the assets of the Company and for preventing and detecting frauds and other irregularities; selection and application of appropriate implementation and maintenance of accounting policies; making judgments and estimates that are reasonable and prudent; and design, implementation and maintenance of adequate internal financial controls, that were operating effectively for ensuring the accuracy and completeness of the accounting records, relevant to the preparation and presentation of the financial statement that give a true and fair view and are free from material misstatement, whether due to fraud or error.

In preparing the financial statements, management is responsible for assessing the Company's ability to continue as a going concern, disclosing, as applicable, matters related to going concern and using the going concern basis of accounting unless management either intends to liquidate the Company or to cease operations, or has no realistic alternative but to do so.

The Board of Directors is also responsible for overseeing the company's financial reporting process.

### **Auditor's Responsibility for the Audit of the Financial Statements**

Our objective is to obtain reasonable assurance about whether the financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an Auditor's Report that includes our opinion. Reasonable assurance is a high level of assurance, but is not a guarantee that an audit conducted in accordance with SAs will always detect a material misstatement when it exists. Misstatements can arise from fraud or error and are considered material if, individually or in the aggregate, they could reasonably be expected to influence the economic decisions of users taken on the basis of these financial statements.

### **Report on Other Legal and Regulatory Requirements**

The Companies (Auditor's Report) Order, 2016 ("the Order"), issued by the Central Government of India in terms of sub-section (11) of section 143 of the Companies Act, 2013, is not applicable to the Company.

**As required by Section 143(3) of the Act, we report that:**

We have sought and obtained all the information and explanations which to the best of our knowledge and belief were necessary for the purposes of our audit.

- a. In our opinion, proper books of account as required by law have been kept by the Company so far as it appears from our examination of those books.
- b. The Balance Sheet, the Statement of Profit and Loss, and the Cash Flow Statement dealt with by this Report are in agreement with the books of account.
- c. In our opinion, the aforesaid standalone financial statements comply with the Accounting Standards specified under Section 133 of the Act, read with Rule 7 of the Companies (Accounts) Rules, 2014.
- d. On the basis of the written representations received from the directors as on 31st March, 2023 taken on record by the Board of Directors, none of the directors is disqualified as on 31st March, 2024 from being appointed as a director in terms of Section 164 (2) of the Act.
- e. With respect to the adequacy of the internal financial controls over financial reporting of the Company and the operating effectiveness of such controls, refer to our separate Report in "Annexure A".
- f. With respect to the other matters to be included in the Auditor's Report in accordance with Rule 11 of the Companies (Audit and Auditors) Rules, 2014, in our opinion and to the best of our information and according to the explanations given to us:
  - i) The Company does not have any pending litigations which would impact its financial position.
  - ii) The Company did not have any long-term contracts including derivative contracts for which there were any material foreseeable losses.
  - iii) There were no amounts which were required to be transferred to the Investor Education and Protection Fund by the Company.

For **Jha & Jha**  
Chartered Accountant  
FRN: 328888E



**Sudhip Kumar Sen, (M. No. 052858)**  
Partner  
Kolkata, dated this 1st September, 2024  
UDIN : 24052858BKESXY5310



## **ANNEXURE A**

**ANNEXURE TO THE INDEPENDENT AUDITOR'S REPORT OF EVEN DATE ON THE STANDALONE FINANCIAL STATEMENTS OF The Mining, Geological & Metallurgical Institute of India** Report on the Internal Financial Controls under Clause (i) of Sub-section 3 of Section 143 of the Companies Act, 2013 ("the Act").

We have audited the internal financial controls over financial reporting of **The Mining, Geological & Metallurgical Institute of India** as of 31 March, 2024 in conjunction with my audit of the standalone financial statements of the Company for the year ended on that date.

### **Management's Responsibility for Internal Financial Controls**

The Company's management is responsible for establishing and maintaining internal financial controls. These responsibilities include the design, implementation and maintenance of adequate internal financial controls that were operating effectively for ensuring the orderly and efficient conduct of its business, including adherence to company's policies, the safeguarding of its assets, the prevention and detection of frauds and errors, the accuracy and completeness of the accounting records, and the timely preparation of reliable financial information, as required under the Companies Act, 2013.

### **Auditors' Responsibility**

Our responsibility is to express an opinion on the Company's internal financial controls over financial reporting based on our audit. We conducted our audit in accordance with the Guidance Note on Audit of Internal Financial Controls Over Financial Reporting (the "Guidance Note") and the Standards on Auditing, issued by ICAI and deemed to be prescribed under section 143(10) of the Companies Act, 2013, to the extent applicable to an audit of internal financial controls, both applicable to an audit of Internal Financial Controls and, both issued by the Institute of Chartered Accountants of India Those Standards and the Guidance 168 Note require that I comply with ethical requirements and plan and perform the audit to obtain reasonable assurance about whether adequate internal financial controls over financial reporting was established and maintained and if such controls operated effectively in all material respects. Our audit involves performing procedures to obtain audit evidence about the adequacy of the internal financial controls system over financial reporting and their operating

effectiveness. Our audit of internal financial controls over financial reporting included obtaining an understanding of internal financial controls over financial reporting, assessing the risk that a material weakness exists, and testing and evaluating the design and operating effectiveness of internal control based on the assessed risk. The procedures selected depend on the auditor's judgment, including the assessment of the risks of material misstatement of the financial statements, whether due to fraud or error. We believe that the audit evidence I have obtained is sufficient and appropriate to provide a basis for our audit opinion on the Company's internal financial controls system over financial reporting.

A company's internal financial control over financial reporting is a process designed to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles. A company's internal financial control over financial reporting includes those policies and procedures that (1) pertain to the maintenance of records that, in reasonable detail, accurately and fairly reflect the transactions and dispositions of the assets of the company; (2) provide reasonable assurance that transactions are recorded as necessary to permit preparation of financial statements in accordance with generally accepted accounting principles, and that receipts and expenditures of the company are being made only in accordance with authorisations of management and directors of the company; and (3) provide reasonable assurance regarding prevention or timely detection of unauthorised acquisition, use, or disposition of the company's assets that could have a material effect on the financial statements.

For **Jha & Jha**  
Chartered Accountant  
**FRN: 328888E**



**Sudhip Kumar Sen, (M. No. 052858)**  
Partner  
Kolkata, dated this 1st September, 2024  
UDIN : 24052858BKESXY5310



**INSTITUTE OF INDIA**

Section 25 of the Indian Companies Act, 1883)

Companies Act, 1956)

**31ST MARCH, 2024**

Previous Year	A S S E T S	AMOUNT (Rs.)	AMOUNT (Rs.)
	<b>FURNITURE &amp; FIXTURE</b>		
13,172.05	Balance as per last A/c	11,854.84	
	Add: During the year		
1317.21	Less: Depreciation	<u>1,185.48</u>	10,669.36
	<b>FURNITURE &amp; FIXTURE</b>		
40,706.97	Balance as per last A/c	36,636.27	
	Add: During the year		
4,070.00	Less: Depreciation	<u>3,663.63</u>	32,972.64
	<b>FURNITURE FITTINGS &amp; ELECTRICAL EQUIPMENT</b>		
1,26,570.51	Balance as per last A/c.	4,11,698.25	
3,30,872.00	Add: During the year		
45,744.26	Less: Depreciation	<u>41,169.83</u>	3,70,528.42
	<b>XEROX MACHINE</b>		
29,294.24	Balance as per last A/c.	26,364.81	
2,929.43	Less: Depreciation	<u>2,636.48</u>	23,728.33
	<b>AIR-CONDITIONING EQUIPMENT</b>		
97,640.15	Balance as per last A/c.	87,876.13	
9,764.02	Less: Depreciation	<u>8,787.61</u>	79,088.52
	<b>BICYCLE</b>		
50.99	Balance as per last A/c.	45.89	
5.10	Less : Depreciation	<u>4.59</u>	41.30
	<b>COMPUTER (RCP FUND)</b>		
2,458.51	Balance as per last A/c	20,359.80	
48,441.00	Add : During the year		
30,539.71	Less : Depreciation	<u>12,215.88</u>	8,143.92
	<b>LEASE HOLD LAND FOR BUILDING</b>		
1,25,149.20	Balance as per last A/c.		1,25,149.20
	<b>MGMI LIFT</b>		
2,56,000.00	Balance as per last A/c.		2,56,000.00
	<b>BUILDING AT SALT LAKE</b>		
25,17,735.00	Balance as per last A/c.	23,91,849.00	
1,25,886.00	Less : Depreciation	<u>1,19,592.00</u>	22,72,257.00
<b>33,67,834.19</b>			<b>31,78,578.69</b>

C/O

(Contd.)



**THE MINING, GEOLOGICAL & METALLURGICAL**

(Incorporated as a Company under

(Section 25 of the Indian

**BALANCE SHEET AS ON**

Previous Year	LIABILITIES	AMOUNT (Rs.)	AMOUNT (Rs.)
<b>2,19,50,981.03</b>	<b>B/F.....</b>		<b>2,29,62,837.78</b>
	<b>SCIENTIFIC RESEARCH ACTIVITIES PROJECT FUND</b>		
58,84,907.03	Balance as per last A/c	48,45,601.03	
1,88,677.00	Add : Interest on FD	<u>2,11,837.00</u>	
11,568.00	Add: Loan from MGMI Petty Cash	50,57,438.03	
	<b>Less : Expenditure during the year</b>		
649.00	Bank Charges	649.00	
12,00,000.00	Loan to 9th AMC MGMI A/c.		
38,902.00	RCP Petty Cash Expenses		
–	Service charge to Broker		50,56,789.03
	<b>SUBSCRIPTION ADVANCE</b>		
	Balance as per last A/c.		
	<b>CENTENARY CELEBRATION ACCOUNT</b>		
12,82,347.00	Balance as per last A/c.		12,82,347.00
	<b>LOAN FROM RCP ACCOUNT</b>		
5,36,220.00	Balance as per last A/c.		17,36,220.00
12,00,000.00	Add : During the Year		
<b><u>2,98,15,149.06</u></b>			<b><u>3,10,38,193.81</u></b>

**INSTITUTE OF INDIA**

Section 25 of the Indian Companies Act, 1883)

Companies Act, 1956)

**31ST MARCH, 2024**

Previous Year	A S S E T S	AMOUNT (Rs.)	AMOUNT (Rs.)
<b>33,67,834.19</b>	<b>B/F.....</b>		<b>31,78,578.69</b>
	<b>SECURITY DEPOSIT FOR BUILDING</b>		
25,165.00	Balance as per last A/c.		25,165.00
	<b>STAFF RETIREMENT BENEFIT FUND INVESTMENT</b>		
5,37,983.00	On FD Account	5,37,963.00	
1,00,920.79	On SB Account	<u>1,29,136.54</u>	6,67,099.54
	<b>BUILDING FUND INVESTMENT</b>		
189205.83	On SB Account		1,89,205.83
	<b>FIXED DEPOSIT</b>		
2,00,68,171.00	Balance as per last Account	2,72,68,171.00	
82,00,000.00	Add : During the Year	1,20,00,000.00	
10,00,000.00	Less : Withdrawal	<u>1,18,11,287.00</u>	2,74,56,884.00
	<b>PROVIDENT FUND INVESTMENT</b>		
6,75,051.00	On FD Account	6,29,203.00	
1,81,128.94	On SB Account	<u>3,25,447.94</u>	9,54,650.94
	<b>SECURITY DEPOSIT FOR ELECTRICITY</b>		
14,400.00	Balance as per last Account		14,400.00
	<b>CURRENT ASSETS LOANS &amp; ADVANCE</b>		
	(On Secured considered good)		
58,330.00	Advance Receivable in cash or in kind or value to be received less recovered	64,830.00	
10,000.00	Add : During the Year		
3,500.00	Less : Recovered	10,000.00	54,830.00
	<b>TUBEWELL</b>		
1,13,995.00	Balance as per last Account		1,13,995.00
	<b>TAX DEDUCTED AT SOURCE</b>		
3,36,389.66	TDS on Others (as per last A/c.)	8,96,666.34	
12,33,056.00	Add: TDS during the year	19,75,619.23	
	Less: TDS Refund	<u>12,47,798.05</u>	16,24,487.52
	<b>MGMI AWARD FUND INVESTMENT</b>		
7,15,494.00	Fixed Deposit with SBI Salt Lake	7,15,494.00	
43,247.11	SB A/c. with SBI	<u>59,640.11</u>	7,75,134.11
	<b>LOAN TO BRANCHES</b>		
	Calcutta Branch	2,00,000.00	
	Nagpur Branch	<u>9,00,000.00</u>	11,00,000.00
	<b>Receivable from Tafcon</b>		55,31,562.00
<b><u>3,41,94,092.20</u></b>			<b><u>4,16,85,992.63</u></b>

C/O

(Contd.)

**THE MINING, GEOLOGICAL & METALLURGICAL**

(Incorporated as a Company under

(Section 25 of the Indian

**BALANCE SHEET AS ON**

Previous Year	LIABILITIES	AMOUNT (Rs.)	AMOUNT (Rs.)
2,98,15,149.06	B/F.....		3,10,38,193.81
	<b>LIABILITIES FOR EXPENSES</b>		
57,840.00	Loan from RCP Petty Cash		
11,568.00	Less : Recovered from MGMI		46,272.00
	<b>SECURITY DEPOSIT</b>		
6,00,000.00	Balance as per last A/c.		6,00,000.00
	Add during the year		
	<b>RECEIVED FROM RCP A/C</b>		
5,97,579.00	Balance as per last A/c		5,97,579.00
35,10,600.00	Amount receivable from 3rd & 7th AMC		
	On A/c. of reimbursement of Expenses		35,10,600.00
	Goods Service Tax (GST)		
	<b>LIABILITIES FOR EXPENSES</b>		
30,28,637.50	Excess of Income over Expenses	85,86,285.43	
55,57,647.93	Add : Excess of Income over Expenditure	87,35,640.86	
		<u>1,73,21,926.29</u>	
	<b>LIABILITIES FOR EXPENSES</b>		
3,54,400.00	Balance as per last A/c.	7,07,873.00	
1,62,733.00	GST Liabilities as per last A/c.		
11,64,321.00	Add: During the year	35,85,570.31	
9,73,581.00	Less : During the year	<u>33,18,060.00</u>	
			9,75,383.31

4,38,63,758.49

Date : 01.9.2024

Place : Kolkata

UDIN : 24052858BKESXY5310



Hony. Secretary  
MGMI



Hony. Jt. Secretary  
MGMI

5,40,89,954.41

**INSTITUTE OF INDIA**


Section 25 of the Indian Companies Act, 1883)

Companies Act, 1956)


**31ST MARCH, 2024**

Previous Year	A S S E T S	AMOUNT (Rs.)	AMOUNT (Rs.)
<b>3,41,94,092.20</b>	<b>B/F.....</b>		<b>4,16,85,992.63</b>
	<b>EXCESS OF EXPENDITURE OVER INCOME</b>		
	Balance as per last A/c		
19,425.00	FAX MACHINE (RCP Fund) as per last A/c.		19,425.00
	<b>SCIENTIFIC RESEARCH ACTIVITIES INVESTMENT</b>		
46,12,928.00	FD with SBI Salt Lake	46,08,399.00	
4,08,496.29	CD A/c. with SBI	6,24,213.29	
—	Petty Cash	—	52,32,612.29
	<b>ADMINISTRATIVE OVERHEAD CHARGES</b>		
5,83,831.00	Receivable from RCP & CC	5,83,831.00	
1,13,293.00	Amount Receivable from TAFCON	1,13,293.00	6,97,124.00
	Accured Interet on FD		3,16,832.00
	<b>RECEIVABLE FROM RCP A/C.</b>		
8,67,240.00	Balance as per last A/c.		8,67,240.00
4,090.00	Mobile Phone as per last A/c.		4,090.00
	<b>TRANSIT HOUSE OF MGMI</b>		
1,14,350.00	Refrigerator	1,14,350.00	
77,845.00	Generator	77,845.00	
1,10,286.00	Misc. Assets	1,10,286.00	
50,840.00	Kitchen Materials	50,840.00	
72,340.00	Bedding Materials	72,340.00	
11,580.00	Washing Machine	11,580.00	4,37,241.00
36,640.00	Purchase of Projector as per last A/c.		36,640.00
	MGMI Sound System		
2,04,010.00	As per last A/c.		2,04,010.00
	<b>CASH &amp; BANK BALANCE</b>		
15,96,595.79	SBI Salt Lake CD A/c	31,63,109.28	
30,510.00	SBI Park Street CD A/c	30,510.00	
16,803.21	Cash with Hony. Secretary	11,924.21	
1,85,110.00	SBI Consultancy A/c	1,85,110.00	33,90,653.49
5,47,950.00	Receivable from PF & Staff Retirement Fund as per last A/c.	5,47,950.00	
	Add : During the year	4,49,376.00	9,97,326.00
5,357.00	Foreign contribution Regulation Act 2010 SB A/c.	5,503.00	
	Add : During the Year - 10th AMC 2023	1,95,107.00	
146.00	Add : Interest earned during the year	1,689.00	
	Less : Bank Charges	1,531.00	2,00,768.00
<b>4,38,63,758.49</b>			<b>5,40,89,954.41</b>

Signed in terms of our report attached

  
Hony. Treasurer  
MGMI



  
**Sudhip Kr. Sen**  
Chartered Accountant  
**Jha & Jha**  
Chartered Accountant

**THE MINING, GEOLOGICAL & METALLURGICAL**

(Incorporated as a Company under

(Section 25 of the Indian

**INCOME AND EXPENDITURE ACCOUNT**

<b>Previous Year</b>	<b>EXPENDITURE</b>	<b>AMOUNT (Rs.)</b>	<b>AMOUNT (Rs.)</b>
15,66,809.00	To Establishment		18,71,193.00
3,08,465.00	" Printing & Stationery		7,84,692.00
73,220.60	" General Charges		1,47,515.00
2,54,874.00	" Postase & Telegram		2,99,326.00
76,680.00	" Bonus to Staff		65,500.00
16,77,065.00	" Meeting Expenses(10th AMC, AGM, Council)		70,77,727.00
1,26,421.00	" Servicing & Repairing		1,74,227.00
43,024.00	" Contribution to PF A/c.		45,660.00
25,000.00	" Contribution to Staff Retirement Fund		25,000.00
36,787.00	" Staff Welfare		62,424.00
12,000.00	" Audit Fees		17,700.00
3,45,696.00	" Electricity Charges		3,58,657.00
3,16,666.00	" Travelling & Conveyance		4,19,825.00
2,02,668.00	" Security Service Charges		3,19,186.00
21,544.00	" Telephone Charges		20,869.00
95,320.00	" Municipal Tax		95,320.00
7,421.00	" Filing Fees		6,300.00
65,361.00	" Professional Fees		82,446.00
61,765.00	" Communication Expenses		89,357.00
51,653.00	" Water Tax (Nabadiganta)		78,180.00
3,69,840.00	" Printing of Publication		15,64,541.00
1,31,938.00	" Council Election Expenses		–
–	" Transit House Expenses		8,19,057.00
5,700.00	" Gardening Expenses		6,735.00
6,000.00	" Puja Boksish		7,500.00
4,956.00	" Library Expenses		4,956.00
3,54,000.00	" Honorarium to Staff		3,89,000.00
66,63,679.00	" 9th Asian Mining Congress '22		–
36,000.00	Retirement Benefit to Shri P.K. Ghosh		–
	Retirement Benefit to Shri G. Ghatak		70,000.00
1,93,139.00	Advertisement Expenses		–
24,309.00	Making of Medal/Memento		63,371.00
1,19,300.00	Foundation Day Lecture Expenses		–
1,50,000.00	MGMI Award		1,25,000.00
2,000.00	Labour Charges		–
	Purchase of Gift Items		3,13,284.00
<b>1,34,29,300.60</b>			<b>1,54,04,548.00</b>

**INSTITUTE OF INDIA**

Section 25 of the Indian Companies Act, 1883)

Companies Act, 1956)

**FOR THE YEAR ENDED 31ST MARCH, 2024**

Previous Year	INCOME	AMOUNT (Rs.)	AMOUNT (Rs.)
	By Subscription from Members		
	" @500		
	" @20000		
	" @50000		
	" @100000		
	" @287		
382450.00			333,548.00
–	" Donar Subscriber		–
500.00	" Advance Subscription		–
7,830.00	" Membership Certificate Fees		7,680.00
880.00	" Sale of Publication		56,163.00
1,25,000.00	" Advertisement		2,20,000.00
16,07,402.00	" Intrest of FD		17,53,613.00
27,720.44	" Dividend on Units		30,800.44
7,000.00	" Transit House Income		13,144.00
15,60,000.00	" License Fee		15,60,000.00
1,52,56,240.52	" 9th Asian Mining Congress '22		15,00,000.00
84,568.00	" Miscellaneous Receipts		9,283.92
146.00	" Interest on FCR Act 2010 Saving Bank		1,689.00
1,47,468.00	Electricity Charges		2,06,280.00
	GMANZ - Half Day Seminar		2,33,080.00
	10th Asian Mining Congress 2023		2,45,86,217.00

**1,92,07,204.96**

**3,05,11,498.36**

C/O

(Contd.)



**INSTITUTE OF INDIA**

Section 25 of the Indian Companies Act, 1883)

(Section 25 of the Indian

**FOR THE YEAR ENDED 31ST MARCH, 2024**

Previous Year	INCOME	AMOUNT (Rs.)	AMOUNT (Rs.)
1,92,07,204.96	B/F		3,05,11,498.36

**1,92,07,204.96**

**3,05,11,498.36**

85,86,285.43 " Excess of Income over Expenditure  
transferred to Balance Sheet

1,73,21,926.29


**85,86,285.43**

**1,73,21,926.29**

Signed in terms of our report of such date

  
Hony. Treasurer  
MGMI



  
**Sudhip Kr. Sen**  
Chartered Accountant  
**Jha & Jha**  
Chartered Accountant



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# MGMI CHAPTERS

