

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



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

**2022-23**



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

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

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## MGMI Council for 2022-23

### *President*

**Dr. B Veera Reddy**, CMD, CCL & Director (Technical), Coal India Limited

### *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**, CMD, Northern Coalfields Limited

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

### *Honorary Secretary*

**Ranajit Talapatra**, GM (WS), CIL

### *Immediate Past Secretaries*

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

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

### *Honorary Jt Secretary*

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

### *Honorary Editor*

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

### *Honorary Treasurer*

**Dr Prabhat Kumar Mandal**, Professor CSIR-CIMFR

### *Members*

**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**, 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

**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**, Director Technical, Ministry of Coal

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

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

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

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

**REPORT OF THE COUNCIL**

**The Council has the honour to present 117th Annual Report on the activities of the Institute for the year 2022-23 (April 2022 to March 2023).**

**PROCEEDINGS OF THE 116TH ANNUAL GENERAL MEETING FOR THE YEAR 2021-22**

The 116th Annual General Meeting of MGMI was held on 25th September 2022 at 06.30 P.M. at Burdwan & Coochbehar Hall of Hotel Oberoi Grand, Kolkata - 700013. In the physical absence of the President, the meeting was chaired by Shri J.P. Goenka, Vice President, MGMI. The Office bearers and members, who joined the meeting in person are S/Shri Dr. B Veera Reddy, Ranajit Talapatra, C.S. Singh, B. Chakraborti, K. Mitra, Debdas Ray, B. Gangopadhyay, B. Chakraborti, B. Bandopadhyay, S.K. Ranu, Prof S. Dasgupta, D.K. Mitra, Prof Bhabesh Chandra Sarkar, Subrata Biswas, Asit Baran Bhol, Bijan Kr. Saha, Debajyoti Bhattacharjee, Rabi Narayan Patra, R.K. Saha, Arun Chandra Kundu, Prof N C Dey, V.K. Arora, R.P. Ritolia, J P Goenka, Anup Biswas, T.K. Nag, Somnath Mukherjee, Dr. Prabhat Kumar Mandal, Prasanta Roy, S.R. Panja, Biplab Mukherji, Sajalendu Roy, Anup Nandy, Sunil Ghosh, Arunava Mondal, K R Kapon, Jatin Mehta, T.K. Banerji, Ranjit Datta, A K Karmakar, S R Khanna, Subrata Ghosh, Ajit Kumar Das, Swapan Bandyopadhyay, Ramananda Adhikari, Gagan S, S.A. Sufiyan, A.K. Shukla, N.C. Jha, A.K. Das, K. Ghosh, Dr. Ismail Mondal & Ms. Nandini Chakraborty. Sri P M Prasad, the outgoing President, joined through Video Conferencing.

Shri Ranajit Talapatra, Honorary Secretary, MGMI welcomed the members present and requested S/Shri J.P. Goenka, Bhaskar Chakrabarti, Honorary Treasurer and Chandra Sekhar Singh, Honorary Joint Secretary to come on dais.

Then he read out the names of the members who left us for their heavenly abode during the last one year and 2 minutes silence was observed for the departed souls. The names are as follows:

R Sudhakar, Jyotirmoy Bose, Monoranjan Das, Dr D K Ray, K K Sen, C S Jha, P N Chaudhuri, Dr A B Goswami, H Niogi, Sunil Kumar Biswas, Nirmalendu Sar, T N Jaggi, M S Cheema, Dr K M K Sinha, M H R Rao, Himadri Banerjee, Prof K L Rai, K M Lal, Sunil Kumar Ghosh, Amar Kr Mazumdar, K P Kapai and Satyendra Trehan.

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

- He read the Notice convening the 116th Annual General Meeting, which he said was already circulated by email earlier, posted with the Annual Report and also uploaded in the website on 2nd September 2022 and was also circulated through hard copy in the hall.
- The minutes of the 115th AGM held in Kolkata on 25/09/2021 which was circulated with the Annual Report was passed by voice vote.
- The Council's report, Audited balance sheet and Statement of accounts for the year ending on 31/03/2022 were already circulated by email earlier, also posted and further uploaded in the website on 4th September 2022. These were also circulated through hard copy in the hall and were adopted by voice vote.
- M/s Jha & Jha Co., Chartered Accountants, was reappointed as the Institute's Auditor for the year 2022-23 with remuneration of Rs 15000/- per year.
- The Students' Awards for 2021-22 were announced and the awards were presented by S/Shri J.P. Goenka, C.S. Singh and Bhaskar Chakrabarti.
  - a. Pickering Medal for the Best Student in B.Tech Final of Mining Engineering to **Konanki Krupa Sai** of IIT (ISM), Dhanbad.
  - b. Hayden Medal for the Best Student in M.Sc/M.Tech. in Applied Geology to **Prayukta Mohanty** of IIT (ISM) Dhanbad. .
  - c. Yule Medal for the Best Student in B.Tech. Mining Machinery to **Shri Abhishek Kumar Singh** of IIT (ISM) Dhanbad.
  - d. McNally Bharat Medal for the Best Student in B.Tech. Mineral Engineering to **Shri Dhanit Guria** of IIT (ISM) Dhanbad.
  - e. Dr. Hari Narain Medal for the Best Student in M.Sc (Tech.) Applied Geophysics to **Ms Shelly Dutta** of IIT (ISM) Dhanbad.
  - f. Oil India Medal for the Best Student in B.Tech. Petroleum Engineering to **Shri Debosmit Banerjee** IIT (ISM) Dhanbad.
  - g. Chandrakala Medal for Mining Engineering to **Shri Pragjyoti Das** of IIT, Kharagpur.
  - h. S Lal Award for Mining Engineering to **Shri Arunava Mondal** of IEST, Shibpur.
  - i. Indranil Award for B.Tech. in Metallurgy to **Shri Avinava Roy** of IEST, Shibpur.
  - j. Indranil Award for Metallurgy to **Shri Pranav Krishnan** of IIT, Kharagpur.

- k. SCCL Gold Medal for the Best Student in Mining Engineering to **Shri I Shiva Kumar** of Kakatiya University.
  - l. Nava Bharat Ferro Alloys Medal for Mining Machinery to **Shri P Pavanchand**.
  - m. Robertson Medal for Mining Engineering to **Ms Bandi Gayatri** of IIT-BHU.
  - n. Hadfield Medal for Metallurgical Engineering to **Namjoshi Aneesh Amrendra** of IIT-BHU.
- The recommendations of the Judging Committees for 3 consolidated MGMI awards of Excellence for 2021-22 were announced.
    - a. MGMI Award of Excellence for **Coal Mining** for outstanding contribution in Coal awarded to **Dr Gauri Shankar Prasad Singh, IIT, BHU**.
    - b. MGMI Award of Excellence for **Non-Coal Mining** for outstanding contribution in Non-Coal Mining Industry awarded to **Shri Arun Kumar Shukla, CMD, HCL**.
    - c. MGMI Award of Excellence for **Earth Science/Mineral Engineering** for outstanding contribution in Earth Science awarded to **Dr Debadutta Mohanty (CSIR, CIMFR)**.
  - Shri P.M. Prasad, President, MGMI, who could not be physically present due to pressing assignments, delivered his address virtually from Ranchi. Hard copies of the presidential address were circulated to the members present in the hall. While welcoming the participants, Shri Prasad said it had been an honour for him to be the President of a century old organization and he took this opportunity to thank each and every member of MGMI. He mentioned that after completing 75 years of independence, India had entered “Amrit Kaal” which will last till 2047. India has overtaken the ex-colonial masters to become the fifth largest economy of the world. According to him, energy use and access is closely related with economic development. Energy option of India is very limited. Domestic production of oil and natural gas has declined considerably during the last ten years. This is increasing onus on coal to meet the energy and resource security of the nation. Circular economy is a way to conserve resources. India’s material recycling rate stands at 30%. Metal sector needs to be at the forefront of the circular economy following 6R principles of Reduce, Recycle, Reuse, Recover, Redesign and Remanufacture. If India is to grow into a \$5 trillion economy, Geology, Mining, Metallurgy sectors have a big role to play and this is where MGMI comes in.

The President talked of the 9th Asian Mining Congress and International Mining Exhibition held in April 2022 which was an effort to be back to normalcy by being the first such physical event in Mining sector organized in India after the pandemic induced disruptions. This event was a grand success with participation by more than 250 professionals and 180 companies. Top government functionaries and Industry leaders spoke during the conference and a number of enlightening papers were presented. He also mentioned about the 17th Foundation Day lecture delivered by Prof S P Banerjee. He praised the editorial board of MGMI led by Dr A K Singh for the quality, contents and timely publication of the MGMI News Journals.

He thanked S/Shri Ranajit Talapatra, Rajiw Lochan, Prasanta Roy and the Chairman and members of various committees for their yeoman services in making the 9th AMC and IME a grand success. The President also thanked numerous organisations and individuals who had helped to make his tenure gratifying and successful. He wished a bright future for the organization.

- The Secretary announced that in the last Council Meeting, it was unanimously decided that Dr B Veera Reddy, Director (Technical), Coal India Limited, will be the next President of MGMI and that he has kindly accepted the post. The incoming President was requested to grace the dais and was felicitated by Shri R P Ritolia with a flower bouquet and the traditional president's collar was presented to him by Shri V K Arora.
- As per the agenda, the report of the Board of Scrutineers on the Election of the Council Members for the years 2022-25 was presented by Sri R K Saha, Chairman, Scrutineers Committee. He read out the names of 11 successful candidates, which are – Dr. Amalendu Sinha, Dr. Prabhat Kumar Mandal, Shri J.P. Goenka, Shri Peeyush Kumar, Shri Awadh Kishore Pandey, Prof. Ashis Bhattacharjee, Shri Tapas Kumar Nag, Shri V K Arora, Dr Jai Prakash Barnwal, Prof G P Karmakar and Shri J V Dattatreya. He informed that 375 votes were cast in the online election and congratulated the winners. He and Shri J P Goenka also took special mention of the way the e-voting was organized at a short notice almost wholly by the Honorary Secretary and lauded his initiative and hard work to reach as many members as possible and following up.
- The General Body agreed to the Honorary Secretary's proposal of modifying the Articles of Association of MGMI to include e-voting as a default process, unless otherwise, with a 15 to 30 days' window for voting to ensure maximum voting.
- Shri J P Goenka invited the new President to say a few words. While thanking the members for choosing him as the President of the prestigious organization, he said that he feels it is a big responsibility and will need guidance of the experienced

members. He congratulated the award winners and newly elected council members.

- S/Shri V K Arora, S P Banerjee and Prasanta Roy thanked the Past President, Council members for guidance in the activities of MGMI. Shri N C Jha, Past President welcomed Dr. Reddy and suggested to involve social media for publicity of MGMI. He felt basic purpose of MGMI is to disseminate knowledge and regular webinars may be arranged. Sri R P Ritolia desired that the Branches be revived.

The meeting concluded with Vote of Thanks by Shri C S Singh, Honorary Jt. Secretary. He thanked the Past President, Secretary, Council Members, all members who helped in MGMI activities and the staff members of the Institute.

### **HEADQUARTERS ACTIVITIES**

There were five Council Meetings held during the Sessions 116 and 117 :- CM 893rd on 29th May 2022, CM 894th on 2nd September 2022, CM 895th on 22nd October 2022, and CM 896th on 3rd December 2022 and 11th March 2023.

### **COUNCIL MEETINGS OF 116TH AND 117TH SESSIONS**

#### **HIGHLIGHTS OF 893rd COUNCIL MEETING**

The 893rd Council Meeting of MGMI held at MGMI Bldg, GN-38/4, Sector - V, Salt Lake, Kolkata-700 091 on **29th May 2022**, at 12.30 p.m.

Shri P M Prasad, President (virtually in the Chair). The meeting was attended by Prof Sakti Pada Banerjee (present virtually), Prof. B B Dhar (present virtually), Shri R P Ritolia (present virtually), Shri R K Saha, Dr. N K Nanda (present virtually), J.P. Goenka (present virtually) S/Shri Ranajit Talapatra, Chandra Shekhar Singh, Prasanta Roy, Rajiw Lochan, Dr. Ajay Kumar Singh, T K Nag, Smarajit Chakrabarti, N N Gautam (present virtually), Bhabesh Chandra Sarkar, Prof Netai Chandra Dey, Prof G P Karmakar (present virtually), Dr. J P Barnwal (present virtually), V K Arora (present virtually), I P Wadhwa from Tafcon (present virtually).

The Minutes of the 892nd meeting of the Council held on physical and virtual platform at MGMI Bldg. Kolkata-700 091 on 27th February, 2022 at 12.30 p.m. was confirmed.

The Council considered the Action Taken Report in respect of the Minutes of 892nd Council Meeting held on 27th February 2022 (on hybrid mode).

#### **9th Asian Mining Congress (April 4-5, 2022 )**

- On being requested by the Honorary Secretary, Shri Prasanta Roy, Convenor of Exhibition Committee of 9th IME invited Shri I P Wadhwa, Managing Partner, M/s TAFCON to apprise the Council about the 9th IME.



- Shri Wadhwa briefed the Council about 9th IME and mentioned that he never expected such good participation in the 9th IME. The Stall booking was as good if not better as previous years and ultimately it was a grand success with the help of the President MGMI, Chairman 9th IME and Council Members. It was informed that Rs.12 Lakhs have already been paid by Tafcon in 2 instalments of Rs 6 lakh each as per MOU. The Council thanked Mr Wadhwa & the Exhibition Committee for the achievement.
- Shri Rajiw Lochan, immediate Past Secretary, appealed to the Council Members and Shri I.P. Wadhwa, Managing Partner, Tafcon to increase the guaranteed money from Rs. 35 lacs to Rs. 55 lacs. He gave the reason that in the 8th AMC guaranteed amount was fixed at Rs. 45 lacs. So, as per usual MOU the minimum guaranteed money should have been increased by 10% from the last AMC which comes to Rs.50 lacs. However, on repeated appeals by Sri Wadhwa to consider the downward sentiment of the industry due to the pandemic, the Council agreed to reduce the guaranteed money from last AMC with the rider that in case the Exhibition was successful, the amount will be increased by Tafcon as per normative calculation of square feet or 10% whichever is more. But in Mr Wadhwa's own words, 9th IME has been unexpectedly successful, and in the words of Sri Prasanta Roy, Convener, Exhibition, best in a few years. Considering that business has been good for M/s. TAFCON in spite of Covid apprehensions, Shri Wadhwa was requested to increase the guaranteed money. Shri Wadhwa assured that this proposal will be taken care of with mutual discussion with MGMI Management in person.
- Sri Rajiw Lochan apprised the Council that 9th AMC again was an unexpected success with about 320 participants over the 2 days. He informed that CIL, NCL, BEML, SCCL & NTPC sponsorship amounts have been received. He took pleasure in intimating that going by conservative estimates of dues from delegates and Tafcon (@35 lakhs), the total income is expected to cross Rs 1.6 Crores, whereas the expenditure (including the proposed printing and despatch of Proceedings volume) is expected to be 86-87 lakhs, resulting in a net saving of about Rs 73-74 lakhs, which will increase if realisation from Exhibition is improved.
- The council unanimously agreed that the organisation of 9th AMC was wonderful with very good Brand visibility & financial benefit for MGMI, and congratulated the Conference Committee for the accomplishment.

#### **Holding of Foundation Day Lecture**

- The Honorary Secretary informed that the Foundation Day Lecture will be delivered by Prof. S. P. Banerjee, Former Director (In-charge), ISM Dhanbad and Past President MGMI. Regarding the date of Foundation Day Lecture, the Council

authorized the Hony. Secretary to discuss with Prof. Banerjee and decide about the date, preferably 25th or 26th of June 2022 as Prof Banerjee will be leaving for Australia on 27th June 2022.

### **1/2 day Seminar / Workshop and AGM in September 2022**

- The ½ day Seminar/Workshop, Holland Memorial Lecture and AGM was proposed to be held tentatively on 25th September, 2022.

### **Membership Drive**

- The Honorary Secretary informed that six applications have been received for Life membership and one application for Student Associate Membership of MGMI. All the applications have been considered and approved by the Council and accordingly, they will be intimated of their enrolment with membership nos.

Alongside, Honorary Secretary informed that he has already taken some initiative on membership drive and in this connection, he has talked with CMD, NCL, and CMD, CCL for concerted drives in NCL & CCL respectively.

### **MGMI Journal and Proposals for Scopus Indexing**

The Honorary Secretary requested the Honorary Editor to apprise the Council about the progress made in this regard.

The Honorary Editor informed that a meeting of the Editorial Board was convened on 2nd May 2022. He spoke about the need for Scopus Indexing of the Transactions the placed the following information:

- a) Scopus is a leading indexer of scholarly research with impressive global readership & published journals are added to indexing databases for wider reach.
- b) There is no cost to being included in Scopus.
- c) There is a rigorous selection process overseen by its Content Selection and Advisory Board (CSAB), which is an international group of scientists who are experts in their respective subject areas.

To qualify for consideration by the Content Selection and Advisory Board (CSAB), the journal must

- (i) Publish peer reviewed content and have publicly available peer review policies/ processes listed on its website/webpage.
- (ii) Have a website/webpage.
- (iii) Include references in Roman Script.
- (iv) Have ISSN International Centre registration.

- (v) Have publicly available publication ethics.
- (vi) Journals have a 2+ Years history of publication.

The Honorary Editor summarized the necessary steps need to be taken immediately as under:

1. The Editorial Board to be extended by including Prof. Keka Ojha, Head, Department of Petroleum Engineering, IIT (ISM) Dhanbad, Prof. Khanindra Pathak, Department of Mining Engineering, IIT Kharagpur and Prof. A. K. Verma, Department of Mining Engineering, IIT BHU, Varanasi, who are all Life members and have consented to be in the Editorial Board of MGMI.
2. The journal to have a webpage with publication template that will be single point for submission of manuscripts, with a dedicated webpage with a link/button on the MGMI Homepage Dashboard. .
3. Peer review policies/processes should be prepared after extending the Editorial Board and it will be uploaded on the webpage of the journal.
4. Publication ethics will also be formulated and made public by uploading on the journal's webpage.
5. The journal to have ISSN No.
6. Papers published in last 3-4 years to be uploaded on the webpage of the journal.

These steps were agreed to by the Council, and after detailed deliberation, it was decided to publish as many peer reviewed papers as possible in the journal and MGMI should go ahead to apply for the journal indexed in Scopus.

The discussions also included the need to retain the long-standing tradition of the Institute's transactions facilitating wide circulation of mineral / mining field oriented notes and papers from practicing engineers and professionals, including those presented at the local chapters of the Institute, so that the related industries can benefit from experiences and developments in different parts of the country. It was agreed that such contributions from the industries concerned would continue to be encouraged and adequately covered.

It was proposed by Honorary Secretary that a Finance committee may be constituted for the purpose of matters of finance including manpower. The names of Shri V.K. Arora, Shri R.K. Saha, Dr. Amalendu Sinha and Shri Prasanta Roy was proposed for the committee with Honorary Secretary as the ex-officio member. The proposal was accepted by the Council.

The Honorary Secretary requested the President to formally close the meeting with a few words. The President thanked all present in the meeting once again for sparing their valuable time and taking part in the deliberations.

### **HIGHLIGHTS OF 894th COUNCIL MEETING**

The 894th Council Meeting of MGMI held at The Sapphire at Hotel Hyatt Regency, Kolkata-700 091 on **2nd September 2022** at 7.00p.m.

Shri P M Prasad, President (in the Chair). The meeting was attended by Prof Sakti Pada Banerjee, S/Shri R P Ritolia, N.C. Jha, R K Saha, Dr. N K Nanda (present virtually), Anil Kumar Jha (present virtually), J P Goenka, Ranajit Talapatra, Chandra Shekhar Singh, Prasanta Roy, Rajiw Lochan (present virtually), Dr. Ajay Kumar Singh, T K Nag, Smarajit Chakrabarti, Dr. Amalendu Sinha, Dr. Kalyan Sen, Anup Biswas, Prof Bhabesh Chandra Sarkar, V K Arora, Dr. J P Barnwal (present virtually), G.P. Karmakar (present virtually), Anil Kumar Singh (present virtually).

At the outset, Honorary Secretary pointed out that this will be the last Council Meeting of Sri P M Prasad, as President, MGMI and profusely thanked him for his help, accessibility and pro-active contribution in passing through the Pandemic years, as well as the grand success of the 9th AMC and 9th IME.

President, MGMI acknowledged the help he got from the Council and the office bearers during his tenure and assured his help even after his relinquishing this high MGMI office.

- The meeting was then called to order by the President. The President welcomed the members present physically and virtually. Thereafter, President requested the Hony. Secretary to take up the Agenda for deliberations.
- To confirm the Minutes of the 893rd meeting of the Council held on physical and virtual platform at MGMI Bldg., Kolkata-700 091 on 29th May, 2022 at 12:30PM
- The Minutes were circulated to all the Council Members earlier. Since no comments were received, the Council resolved that: The minutes of the 893rd Meeting of the Council held on 29th May, 2022 at 12:30 PM on physical and virtual platforms, is confirmed.

### **To consider matters arising out of the Minutes.**

- Shri R.P. Ritolia, Past President wanted to know the advantages of Scopus Indexing of Transactions. The Honorary Editor replied that there are various types of indexing of which Scopus Indexing may be considered as the base level of indexing. This is required for better citation of the papers published for which most of the Authors are interested in. Without such indexing Authors may not be interested to contribute a technical paper for the Journal. Prof B. C. Sarkar opined that this should be the

minimum requirement for publication of a scientific journal in present days. Prof. S.P. Banerjee, Past President was also of the opinion that Scopus Indexing is a must for existence of the Journal. Shri Smarajit Chakrabarti wanted to know if the papers contributed by the practicing Engineers and Geologists from the field would find a place in the Transactions after Scopus Indexing. The Honorary Editor apprised that all papers, be it from the field or from the academia are welcome and would be published after peer review of the same. The authors will be requested to revise their paper as per the reviewers' comments. Therefore, the papers received from the field may also be published after accepting the reviewers' comments or rejecting the same with proper justification. Dr. Kalyan Sen also supported the idea of Scopus Indexing of Transactions. It was finally agreed that we should go for Scopus Indexing of Transactions and the Honorary Secretary agreed to provide all necessary help such as having a dedicated button for the Journal on MGMI Website and enabling Journal Management System in near future.

#### **To inform the Council about roadmap and progress in respect of E-voting Process**

- The Honorary Secretary of MGMI informed the Council regarding progress in respect of E-voting Process that MGMI published notification in 2 renowned all India based daily newspapers on 29th August, 2022 for intimation to the members of MGMI. MGMI also provided the entire members list to the CDSL for making necessary arrangements for e-voting process.
- **116th Annual General Meeting & MGMI Awards**  
The Honorary Secretary informed that the 116th Annual General Meeting along with MGMI Awards Ceremony will be held on 25th September, 2022 (Sunday) at Oberoi Grand, Kolkata at 6:30 PM.
- **62nd Holland Memorial Lecture & Half day Seminar/Workshop**  
The Honorary Secretary informed that the 62nd Holland Memorial Lecture will be held sometimes in November, 2022 in the 2nd half following the Half day Seminar/Workshop as usual.

#### **Information about Income of 9th AMC & IME 2022**

The Honorary Secretary informed to the Council that in the 9th AMC & IME, the surplus MGMI income comes to Rs. 97 lacs and that TAFCON has paid its minimum Guarantee of Rs 35 lakhs and has agreed to pay Rs 10 lakhs more as their revenue has been very good. The Council appreciated the matter with thanks.

#### **Constitute Judging Committee Members of MGMI Award of Excellence**

The Council decided unanimously the Committee for the Following categories of MGMI Excellence Award

**Outstanding contribution for Coal Mining**

Prof. S.P. Banerjee, Chairman, Shri N.C. Jha, Member, Shri Smarajit Chakrabarti, Member, Shri T.K. Nag, Member

**Outstanding contribution for Non-Coal Mining**

Dr. Amalendu Sinha, Chairman, Shri N.K. Nanda, Member, Shri Ranjit Datta, Member, Shri Prasanta Roy, Member

**Outstanding contribution for Earth Sciences/Mineral Engineering**

Dr. Kalyan Sen, Chairman, Dr. Anupendu Gupta, Member, Shri Rajiw Lochan, Member, Dr. Rajib Dey, Member

**Best Technical Paper Published in MGMI Transactions for every Calendar Year**

Shri R.P. Ritolia, Chairman, Shri R.K. Saha, Member, Prof. B.C. Sarkar, Member, Dr. Ajay Kumar Singh, Member

It was discussed that as there has been no Transactions Volume published for the year 2021-22, the Council decided that there will be no award for best paper this year. However, the Judging committee may meet and take the final decision and will work on the continuous process of papers received and published in the Journal.

**Consider and approve the Audited Accounts for the financial year ended on 31st March, 2022**

The Auditor's Report and Audited Accounts for the financial year ended on 31st March, 2022, were placed before the Council for consideration. The Council after going through the Auditor's Report, Balance Sheet for 2021-22 and Income & Expenditure Accounts for 2021-22 approved unanimously.

**To appoint the Institute's Auditor for the financial year 2021-22 with their remuneration**

The Council approved the re-appointment of M/s. Jha & Jha, Chartered Accountants as Auditors of MGMI for the FY 2022-23 at an increased remuneration of 15,000/- (excluding applicable taxes) instead of Rs. 12,000/- (as per their request letter to increase remuneration) for execution of all assignments of Audit, ROC, Annual Filing, IT Returns etc.

**To elect the President of the Institute for the year 2022-23**

The name of Dr. B. Veera Reddy – Director (Technical), Coal India Ltd was proposed for President, MGMI for 2022-23 by Sri J P Goenka and seconded by Sri Prasanta Roy. The Council was pleased to agree.

**To consider and approve the recommendations of Finance Committee**

Honorary Secretary read out the deliberations during the 2 Finance Committee meeting and the recommendations.

1. There were three permanent employees and four contractual employees in the office of MGMI. It was recommended to increase the remunerations of the Permanent employees as per standard practice and the last salary hike of the MGMI staff, both permanent as well as contractual, was done in April 2017, more than 5 years ago. The salaries of two contractual staffs are recommended to continue at same level till further decisions.
  2. Another contractual employee will retire after 30th September due to old age.
  3. The present Executive Secretary Shri G Ghatak who is also a contract employee is suffering from ill health and will retire.
  4. A newspaper ad was published for an Executive Secretary. The applications are being screened and the shortlisted candidates will soon be called for an interview to choose the best candidate.
  5. A consolidated salary of Rs 30000/- was recommended, which may be increased up to Rs 45,000/- for an exceptionally suitable candidate.
  6. Medical Allowance to remain at the same level (one month's salary, paid quarterly in equal installments over the year) to only the permanent employees, as is the practice now.
  7. It was suggested that a Medical insurance (Group or Individual) of a moderate coverage, may be explored for the Staff, including the contractual employees and may be implemented.
- Members who attend from areas within city limits (Howrah city included) or 50 Kms from MGMI office, will be limited to Rs 700/-, without need of receipts. Presently it is Rs 300/-.

Members who attend from areas beyond the above - Rs 5000/- or actual, whichever is less.

Tickets, receipts, etc., will be needed in such cases. Presently it is Rs 3000/-.

**To consider applications for membership and the membership position of the Institute**

- The Honorary Secretary informed that 4 (four) Life Membership and 1 (one) Member applications have been received. The applications were approved by the Council for Life Membership and Member of MGMI.

**HIGHLIGHTS OF 895th COUNCIL MEETING**

The 895th Council Meeting of MGMI held at MGMI Bldg., GN-38/4, Sector - V, Salt Lake, Kolkata-700 091 on **22nd October 2022** at 1.30 a.m.

Dr. Reddy B Veera, President in the Chair. The meeting was attended by Prof Sakti Pada Banerjee, Prof B B Dhar (present virtually), S/Shri N C Jha, R P Ritolia, R K Saha, Anil Kumar Jha (present virtually), J P Goenka, Ranajit Talapatra, Rajiw Lochan (present virtually), Prasanta Roy, Chandra Shekhar Singh, Bhaskar Chakraborti, Dr Ajay Kumar Singh (present virtually), V K Arora, Dr. J P Barnwal (present virtually), Prof. (Dr.) Ashis Bhattacharjee (present virtually), Dr Amalendu Sinha, Prof N C Dey, Prof Bhabesh Chandra Sarkar, Dr. Prabhat Kumar Mandal, Awadh Kishore Pandey, T K Nag, J V Dattatreya.

- The meeting was called to order by the New President. The President welcomed the Past Presidents, Members present physically and virtually. He thanked the Council for giving him the chance to contribute to the Institute in its highest capacity and committed his wholehearted support for the institute's activities. Thereafter, President requested the Honorary Secretary to take up the Agenda for deliberations.
- Honorary Secretary welcomed the new President, Dr B Veera Reddy, Director (Technical), CIL and the newly elected Council members and requested the President to formally start the meeting.
- Confirm the Minutes of the 894th meeting of the Council held in Hybrid platform at Hotel Hyatt Regency, Kolkata on 2nd September, 2022 at 07:00 p.m. The Minutes were circulated to all the Council Members earlier. Since no comments were received, the Council resolved that: The minutes of the 894th Meeting of the Council held on 2nd September, 2022 at 7:00 p.m. on physical and virtual platforms, is confirmed.
- **Discussion on Scopus Indexing** – The Honorary Editor drew attention of the Council towards Scopus indexing of Transactions. The Council had agreed to the proposal of Scopus indexing in its 893rd meeting. It was informed that the Editorial Board has been extended by including three faculty members from IIT (ISM) Dhanbad, IIT Kharagpur and IIT (BHU). Peer review process has been initiated and for convenience of the reviewers, a review report form has been created. The website developer has been contacted for further developing the journal management system button for necessary customisation under the guidance of the Honorary Editor. Honorary Secretary assured to facilitate the matter with whatever help needed from his end.
- **Discussion on 9th AMC & IME** – It was informed that M/s TAFCON has made the payment of the final instalment and only the excess payment as per T&C of



Rs 9.5 lakhs remained as dues. The total considered takeaway from 9th AMC and IME was very good and MGMI is now in better financial health. The council again thanked the then President and his team for the grand show in the AMC.

- **Re-appointment of Auditor & Remuneration** – M/s. Jha & Jha, Chartered Accountants Company have been reappointed as Auditors of MGMI for the year 2022-23 with increased remuneration of Rs 15000/- per annum was confirmed in the 116th AGM.
- Dr. B. Veera Reddy, Director (Technical), CIL, whose name was proposed by the last Council that met on 2nd September 2022, was elected President in the last Annual General Meeting held on 25th September, 2022.

#### **Discuss about the half-day Seminar and Holland Memorial Lecture**

- The Honorary Secretary informed the Council that the Half day Seminar and Holland Memorial Lecture tentatively to be held on 9th/10th December, 2022. Council members were requested to propose a few names of renowned persons, not necessarily from earth sciences for consideration. The members committed that few names will be proposed from their end. After some discussions about certain names, it was decided that the name of the Speaker for Holland Memorial Lecture will be decided later.

#### **Review and consider the proposed Budget for the year 2022-23**

- Honorary Secretary read out the details of the proposed budget for the year 2022-23. The queries on the budget were clarified and the budget was passed by the Council.

#### **Elect office bearers viz Vice-Presidents, Honorary Jt. Secretary, Honorary Treasurer and Honorary Editor amongst Council Members of the Institute for the year 2022-23**

- The Council unanimously elected the office bearers amongst the Council Members for the year 2022-23. The names of the Vice-Presidents, Honorary Jt. Secretary, Honorary Treasurer and Honorary Editor are as follows:

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

Shri Bhola Singh, CMD, Northern Coalfields Ltd, Shri J.P. Goenka, Managing Partner, Nanda Millar Co., Shri J.V. Dattatreya, Ex-Director, SCCL, Shri Thomas Cherian, MD, Essel Mining

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

Shri Chandra Shekhar Singh

**Honorary Treasurer**

Dr. Prabhat Kumar Mandal

**Honorary Editor**

Dr. Ajay Kumar Singh

**Consider applications for membership and the membership position of the institute**

- The Honorary Secretary informed that 03 (three) Life Membership applications and 01(One) Student Associate have been received. The applications were approved by the Council.
- The President welcomed all the new Council Members and requested them to introduce themselves, and Shri Awadh Kishore Pandey, Shri J.V. Dattatreylu, Dr. Prabhat Kumar Mandal and Shri Peeyush Kumar introduced themselves.
- SriAwadh Kr Pandey informed the Council that MGMI Odisha Chapter is organising a seminar at Sambalpur on 26th November and invited all Council Members to the event. The Council members praised the initiative and wished the seminar a great success.
- The outstation members of the Council who could not attend physically but joined through video conferencing requested that the infrastructure in the Board room may be developed to hold video conferences properly so that the bandwidth of internet as well as audio is better. Honorary Secretary assured that it will be done before the next Council Meeting.
- The arrangement for updating the contact details of members in the MGMI database has been made and the process was explained by Honorary Secretary. Shri Peeyush Kumar expressed his opinion that only one email address and one operational phone no should be there in the database. He said that the MGMI office staff can take up the role in a pro-active way. Honorary Secretary appreciated his initiative and suggested that Sri Peeyush take up the supervision of correction of the database with all help from the office.
- Sri Prasanta Roy, Honorary Ex-Secretary, expressed his opinion that there should also be a separate award for Geo-sciences. However, the Council reminded that the awards were squeezed and finalised by a committee and approved by the Council and hence at this stage the number of awards should remain the same.

**HIGHLIGHTS OF 896th COUNCIL MEETING**

The 896th Council Meeting Hybrid Meeting (physical and virtual) of MGMI was held at MGMI Bldg. GN-38/4, Sector - V, Salt Lake, Kolkata–700 091 on 3rd December 2022 at 1.00p.m.

Dr. B Veera Reddy, President (Virtually in the Chair). The meeting was attended by Prof Sakti Pada Banerjee, S/Shri N C Jha, R P Ritolia, R K Saha, Dr N K Nanda (virtual), J P Goenka, Thomas Cherian (virtual), Ranajit Talapatra, Rajiw Lochan (virtual), Prasanta Roy, Chandra Shekhar Singh, Dr. Prabhat Kumar Mandal (virtual), Dr Ajay Kumar Singh (On phone), V K Arora, Prof Bhabesh Chandra Sarkar, P.R. Mandal, Awadh Kishore Pandey (virtual), T.K. Nag (virtual), Peeyush Kumar (virtual), J.V. Dattatreylu (virtual), G.P. Karmakar (virtual), Dr J P Barnwal (virtual), Dr Kalyan Sen (virtual), Dr Ajoy Moitra (virtual).

- The President welcomed the Past Presidents, Past Secretaries, Present Secretary, Chapter Chair Persons and existing Council Members who were present physically as well as virtually in the meeting. He informed the Council that a new online meeting and conferencing system has been installed at the MGMI Hq Board room to facilitate the members who attend virtually due to various reasons. He also mentioned that the membership requests since last Council Meeting has been in double figures and also informed that there is a potential to increase membership to about 4000 and that he has already written to the CMDs of all CIL subsidiaries and Directors of some reputed Institutes with Mining Departments and also spoke to Directors of subsidiaries for active follow up. Regarding Branch Activities, he informed about a meeting in Hyderabad by Hyderabad Branch on **9th December 2022** and a successful Conference organized by the **MGMI Odisha Branch in MCL, Sambalpur**. He also informed the Council that CMD, CCL has promised that the MGMI **President's Cup Golf Tournament** will be organised at **Ranchi in January 2023**. Shri Ranajit Talapatra, Honorary Secretary to start the agenda.
- Honorary Secretary informed the president and others in the Council that the new Vice President Sri Thomas Cherian has joined online. President welcomed him and Sri Cherian promised that he will try to be physically present in the next Council Meeting.

**Confirm the Minutes of the 895th meeting of the Council held in Hybrid platform at MGMI Hq, Kolkata on 22nd October, 2022.**

- The 895th Council Minutes were circulated to all the Council Members. As no comment was received, the Council resolved that: The Minutes of the 895th (1st meeting of the 117th Session) Meeting of the Council held on 22nd October, 2022 at 11.30 AM on Hybrid platform, be confirmed.
- The Council considered the Action Taken Report in respect of the Minutes of 895th Council Meeting held on 22nd October, 2022 on virtual platform and concurred.
- **Discuss about progress in Scopus Index accreditation of MGMI Journals.**

- The Honorary Editor was travelling and hence could not be connected through VC but he spoke through telephone. He informed the Council that the existing Journal Upload Application is being developed as the first step towards the accreditation. This was being done through the website developer and he mentioned that he was connected with them by Honorary Secretary and that the work is in progress. On query from Sri Prasanta Roy on the time line, he said that once the Journal Upload system in the website is ready by December, he can apply for accreditation in January 2023.
- Honorary Editor also raised the proposal by Dr N K Nanda, Past President to change the name of the News Journal to Journal, wherein Honorary Secretary placed the query to the council. Some agreed to the proposal but then Prof S P Banerjee, Ex-President, summarized the views of many others who felt that Journal and News are different things and so to avoid confusion, it may be kept same, till a discussion is held with Prof Khanindra Pathak, ex Editor, who had suggested the change of name after some deliberations in the first place, during his tenure as Editor. Sri N C Jha suggested that the decision on this be kept pending till the next Council meeting, which was agreed.

**Discuss about the 10th Asian Mining Congress and Exhibition.**

- Honorary Secretary informed the Council that the dates of 6th to 9th November 2023 (6th to 8th) for 10th AMC & IME have been fixed and the venue of IME has been changed to Eco Park from the Milan Mela Ground due to the unsuitability of the surface to hold and support heavy earthmoving machinery that are usually exhibited at the entrance of IME every year. The conference venue too has accordingly been changed to Taj Taal Kutir Convention Centre and the halls have been blocked for the period 6th to 8th November 2023.

The names of the Committees were proposed as below:

**Conference Organising Committee:**

Chairman – Shri O P Singh, CMD, MCL, Co-Chairman – Shri Sundara Ramam, VP, Raw Materials, Tata Steel, Convener – Shri Prasanta Roy, CM/HOD, Geology, CIL

**Technical Committee:**

Chairman – Dr Amalendu Sinha, Former Director, CIMFR, Dhanbad.

**Exhibition Committee:**

Chairman – Shri Bholu Singh, CMD, NCL, Co-Chairman – Shri J P Goenka, Managing Partner, Nanda Millar & Company, Convener – Shri Chandra Sekhar Singh, DGM/TS to DT, CIL.

**Chairman, Buyer-Seller Meet – Shri V K Arora, Mentor, Karam Chand Thapar Group of Industries**

The Council unanimously agreed to the proposal and the Committee heads were thus frozen. It was decided that the other members of the organizing committee would be chosen by December and informed for consent and activities.

Sri Prasanta Roy proposed that like earlier AMCs, a National Advisory Committee may be formed with leaders of the industry, and the proposal was accepted.

It was hoped by the Council members that the almost 11 months lead time should be allowed for better preparation and for organizing the Congress.

At this point the President excused himself as he was scheduled for an official meeting which was about to start.

**Discuss about President's Cup Golf Tournament, to be held in Ranchi.**

- As it was decided earlier by previous President Shri P M Prasad, CMD, CCL that he would help in organizing the tournament at Ranchi, the venue of Ranchi was finalised. As it was informed by Mr Prasad that the dates in December were not available due to an ensuing Golf event there, some date in January needed to be proposed. Shri Prasanta Roy informed that 21st or 22nd January, Saturday or Sunday has been proposed and Shri Talapatra assured that he will try to speak to President, Dr Veera Reddy & Mr P M Prasad to finalise the date.

**Discuss about Foundation Day Lecture.**

- Initially it was being planned on 15th January, Sunday as 16th January, the Foundation day in 2023 is a Monday, but now as it has come to light that MGMI Kolkata Chapter is arranging its Annual Get-together on 15th January and has already booked the venue, the date was proposed to either 14th January, Saturday afternoon at Kolkata or 21st January evening at Ranchi if President's Golf Cup Tournament happens on 22nd January 2023.

There was a suggestion from Shri R P Ritolia, Past President, that Secretary, MoEF & CC may be contacted for Holland Memorial Lecture to be held sometime later. There were many proposals for Foundation Day Lecturer and finally it was suggested that a suitable person like Railway Board Chairman, NTPC or CSIR heads can also be tried out. It was also suggested that Holland Memorial Lecture can be held in Delhi. Delhi chapter members like Shri Peeyush Kumar was requested to take up the organization of Holland Memorial Lecture in Delhi at a suitable time after March 2023.

- **Discuss the opening of new account in Bank of India for better financial management of funds.**

The matter regarding investing FDs with bank having higher rate of interest was discussed and suggestion were made to invest in bank having high rate of interest of more than 0.5% and the Honorary Secretary & Treasurer would take decision on the same.

- **Consider applications for membership and the membership position of the Institute.**

There were 11 new applications since the last Council, which was considered good by the members. It was informed that Sri Sundara Ramam, Vice-President, Raw Material, Tata Steel has applied to become a life member. It was suggested that only those names with any issue in acceptance may be read out. Sri Talapatra pointed out that one candidate, Sri Chetan Chide, Assistant Manager, MCL was - a. an Industrial Engg. Graduate and b. had only 4 years and 8 months of experience. The matter was discussed and the Council decided that he should be considered, since he was associated with the Mining Industry, but presently as an Associate Member, requiring 3 years of experience, and upgraded to life member 4 months later when the requirement of 5 years of experience as eligibility for Life Membership will be fulfilled. It was also suggested that he be informed of this immediately and the Council informed after he is inducted as Life Member.

**MGMI Chapter Activities :**

- Secretary apprised the Council of the activities of the MGMI Odisha and Hyderabad Chapters. He informed that MGMI Odisha Chapter had organized a Seminar cum Exhibition on Challenges & Strategies in Coal Mining & Transformation to Industry 4.0 on 26th November at MCL Headquarters. He mentioned that the Seminar had 19 papers chosen from 48 received. There were around 250 delegates from about 80 companies. About 15 company stalls were put up in the exhibition which was held along with the seminar. Sri Awadh Pandey, Council Member and GM, Mining, MCL and Shri O P Singh, CMD, MCL & Chairman, Odisha Chapter were congratulated for organizing a very successful Conference in Sambalpur and roping in several new memberships from that region.
- It was also informed by Vice President, Shri Dattatreyelu that Hyderabad Chapter plans to revive its activities and the internal AGM to revive and elect the new office bearers of Hyderabad Chapter, is planned to be held on 9th December. He commended Dr N K Nanda, Former President and Ex Director, NMDC for taking the initiative. Dr Nanda thanked Mr Dattatreyelu for taking interest in its revival. Honorary Secretary also mentioned that Delhi Chapter is active and requested Shri Peeyush Kumar to increase its activities. Shri Prasanta Roy requested Dr Prabhat Kr Mandal to take special care in improving the activities of Dhanbad Chapter.

- Shri Peeyush Kumar suggested that Shri Cherian, Vice President may be requested to have some event in Mumbai to revive that chapter as there are several Geology professionals in that region from ONGC and other organisations. Shri Cherian promised to discuss with Secretary and find out what is to be done and will be very happy to contribute.
- Shri Peeyush Kumar suggested that a list of the Corporate members may be uploaded in the Website and Secretary assured that it will be done along with the uploading of the Composite online Application for Life membership.

### **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 event commenced with Shri Ranajit Talapatra, Hony Secretary, MGMI thanking the guests and members present for coming on the occasion and inviting Dr. B Veera Reddy, President, MGMI, Shri J P Goenka, Vice President, MGMI, Shri C S Singh, Honorary Joint Secretary, MGMI on the dias. They were felicitated with flower bouquets. Then he requested them to speak a few words.

As many as 84 members including Guests attended the lecture physically besides the online viewers.

Shri Goenka welcomed the members and presented a brief history of MGMI, established on 16th January, 1906 vis-à-vis the Foundation Day Lectures which started on 16th January 1993.

Dr B. Veera Reddy thanked Shri Agrawal for agreeing to deliver the lecture in spite of his busy schedule. He discussed the objective of MGMI. With around 3000 members representing professionals in different fields of mineral based industries; technocrat planners and policy makers both in the private and public sectors at State/Central levels, the Institute is now recognised to be one of the preferred professional societies for all appropriately qualified personnel associated with the study and practices of the minerals and energy industries in India. He mentioned that MGMI shares its knowledge through Seminars, Workshops, Asian Mining Congress and International Mining exhibitions. It also gives awards to meritorious Personnel and Students.

The Honorary Secretary introduced Shri Pramod Agrawal highlighting his academic and professional achievements. Shri Pramod Agrawal, an Indian Administrative Service

Officer of Madhya Pradesh Cadre 1991 batch is the Chairman, Coal India Limited (CIL), the world's largest coal producing company. Prior to this he was Principal Secretary, Department of Technical Education, Skill Development & Employment and Department of Labor, Government of Madhya Pradesh.

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 and 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.

### **HIGHLIGHTS OF 897th COUNCIL MEETING**

The 897th Council Meeting of MGMI held at WCL Office, Nagpur on **11th March 2023** at 7.00 p.m.

Dr. B Veera Reddy, President in the Chair. The meeting was attended by Prof Sakti Pada Banerjee (virtual), Prof B BDhar (virtual), N C Jha (virtual), R P Ritolia (virtual), R K Saha (virtual), Dr N K Nanda (virtual), Thomas Cherian (virtual), Ranajit Talapatra, Rajiw Lochan (virtual), Prasanta Roy, Dr. Chandra Shekhar Singh (virtual), Dr. Prabhat Kumar Mandal (virtual), Dr Ajay Kumar Singh (virtual), Shri V K Arora (virtual), Prof. Bhabesh Chandra Sarkar (virtual), Bhaskar Chakraborti (virtual), Awadh Kishore Pandey, Peeyush Kumar (virtual), T K Nag (virtual), J.V. Dattatreyyulu (virtual), Dr Amalendu Sinha (virtual), Prof. (Dr) G.P. Karmakar (virtual), Prof. N C Dey (virtual), Dr J P Barnwal, Anil Kr Singh, Sri I P Wadhwa (Invitee) (virtual).

Honorary Secretary informed the Council of the passing away of Shri Lab Kumar Bose, former Honorary Secretary, MGMI (1995-1999) on 9th March at his residence at Kolkata after almost a year of age-related illness. He was 84 and left behind his wife, two daughters and a grandson.

A solemn one-minute silence was observed in respect to the departed soul and thereafter, the Council Members were requested to speak about their interactions and memories of Late L K Bose.

Several members paid glowing tributes to Late Bose, one of the very active and contributing members of MGMI. It was informed that it was during his tenure as Honorary Secretary, that the present MGMI Building at Sector V was built. Prof. S.P. Banerjee informed that it was Late Bose who prepared the master plan of creation of Eastern Coalfields Limited when he was working in Coal India Limited.



Shri V K Arora recommended that Late L K Bose's contribution to MGMI be recorded and a resolution passed to send across to his grieving family expressing sincere condolences. The resolution was passed with several members supporting the recommendation.

President promised that whatever help is required by the family at this juncture, MGMI members will help.

The President welcomed the Past Presidents, Past Honorary Secretaries, Present Honorary Secretary, Chapter Chair Persons and existing Council Members who were present physically as well as virtually in the meeting.

He informed all members about the good work started by the local chapters, like Hyderabad, Odisha, Delhi and Nagpur. The Nagpur Chapter organised a seminar on 12th March, 2023.

He talked at length about his vision for MGMI and the targets including making MGMI more meaningful all over the country. He introduced the Chairman, Nagpur Chapter, Shri Anil Kr Singh, Director (Technical), Project & Planning, WCL as the main man behind the seminar being organised by MGMI Nagpur Chapter the next day on 12th March, 2023 and reminded that senior members like him are coming back to MGMI Council and enriching it. It was informed that in the past, Sri Singh was the Honorary Secretary of Odisha Chapter and a Council member too.

**Confirm the Minutes of the 896th meeting of the Council held in Hybrid platform at MGMI Hq, Kolkata on 03rd December, 2022.**

The 896th Council Minutes were circulated to all the Council Members. As no comment was received, the Council resolved that: The Minutes of the 896th (2nd meeting of the 117th Session) Meeting of the Council held on 03rd December, 2022 at 11.30 AM on Hybrid platform, be confirmed. The Council considered the Action Taken Report in respect of the Minutes of 896th Council Meeting held on 03rd December, 2022 on virtual platform and concurred.

**Discuss about the 10th Asian Mining Congress and Exhibition.**

**Shri Prasanta Roy – Convenor of the Conference highlighted the points as below:**

In the last Council Meeting, the Organizing Committee & Exhibition Committee were finalized and subsequently an Organizing Committee Meeting was held in which a Technical Committee was constituted.

A Technical Committee meeting was held subsequently and a draft brochure has been prepared.

Important dates related to “**Call for papers**” were proposed–

- Abstract submission – by 31st May 2023
- Abstract acceptance notification – by 15th July 2023
- Full paper submission – by 1st September 2023
- Full paper acceptance notification – by 13th October 2023

He informed that letters have been sent for logo support to different Ministries and Secretaries of Heavy Industries, Power, Steel, etc., but till date, responses are awaited other than The Ministry of Coal, who has consented for logo support and Secretary (Coal) as Patron. It was proposed to wait for few more days to see if any other Ministry provides Logo Support, before sending the Brochure for printing.

He requested Shri Peeyush Kumar to follow up with other Ministries, who agreed to do the same.

Convenor, Conference read out the sponsorship rates of the 9th Asian Mining Congress and informed that the rates have been kept the same for 10th Asian Mining Congress.

Taj Taal Kutir Convention Centre, adjacent to the Exhibition venue, has been blocked for 3 days from 6th to 8th November for 3 days Conference. Based on discussions with Taj, it is assumed that the 3 days Conference budget will increase substantially, in comparison with the expenditure for 9th AMC, which was held over 2 days only.

Dr. Chandra Shekhar Singh, Convenor of 10th IME, briefed the Council about the exhibition.

He informed that for 9th IME, the minimum guaranteed amount from M/s TAFCON was Rs.35 Lakhs, which was reduced from the normative 45 lakhs as a one-time exception, considering the Pandemic. However, due to very good participation, Rs.45 Lakhs was paid by M/s TAFCON as per MOU terms. The minimum guarantee this time has been thus raised to Rs.55 Lakhs. The Council agreed and advised the Honorary Secretary to sign the MOU with M/s TAFCON.

#### **Discuss about Holland Memorial Lecture.**

President informed that he has talked with the Secretary, Ministry of Coal for delivering the 62nd Holland Memorial Lecture and he has agreed.

President requested Shri Peeyush Kumar to organise a 1-day event with Holland Memorial Lecture. Sri Kumar agreed and requested for a finalised date so he can book the venue.

President assured that he would talk to the Secretary, Ministry of Coal for a choice of dates (preferably Saturday). 29th April, 2023 Saturday was tentatively proposed by Honorary Secretary.

**Discuss about the MGMI Membership Drive.**

Considering the number of applications received, it was commended by all and the President was congratulated for the success of the drive.

Chairman, Nagpur Chapter informed that about 30 applications have been handed over on 11th morning to Honorary Secretary with payment and on 12th, before the Seminar on “Best practices in Mineral Industry” organised by MGMI, Nagpur Chapter, further 70 applications will be handed over, making it 100 applications from Nagpur Chapter for now.

The Council unanimously congratulated the President along with the Chairman, Nagpur Chapter for such wonderful achievement. Shri Singh promised there will be more membership in time, considering so many Mining related companies, colleges and Organisations, like MECL, MOIL, IBM, VNIT are located in Nagpur.

President prodded every Council member to take an active part in membership drive setting a target of 3000 members, an increase of 1000 members from present strength of 2000 members.

**Discuss about the revival of Chapters of MGMI.**

President and all others praised the performance of Nagpur, Odisha, Delhi and Hyderabad chapters. It was informed by Dr. A Sinha and Dr P K Mondal, Honorary Treasurer, MGMI, that Dhanbad Chapter had a meeting to choose Office bearers (Chairman, Secretary, etc.) and is gearing up for an event along with membership drive.

**Consider applications for membership and the membership position of the Institute.**

There were 86 new and complete applications since the last Council, out of which the Council members unanimously agreed for 85 candidates.

Discussions arose regarding membership of a candidate, namely, Ms. Nandini Chakraborty who is associated with a company supplying FLP equipment to mines since several years and have been doing Research and Development on Flameproof electrical for usage in UG Mines. She has been an associate member since a long time and has now put in an application for upgrading herself to Life Member. She is now an MD with vast experience of 40 years in related industry. However, as per AOA of MGMI, she does not fulfil the eligibility criteria of educational qualification.

The Qualification of Members as given in Articles of Association in Page no. 7 was spelt out. It was explained that AOA needs to be modified suitably to consider her Life membership.

It was decided that a committee will be constituted in the next Council Meeting for review of the AOA in view of the above discussions.

- A. Prof B B Dhar proposed to have a good website with all information about activities and presence in all social platforms like Facebook, Twitter, etc.

Honorary Secretary informed that the website [www.mgmiindia.in](http://www.mgmiindia.in) now has far improved look with several Dynamic features, with comprehensive online membership application form and UPI payment facility. He requested Prof Dhar to kindly suggest specific issues needing improvement or advice on new items to be possibly added. There needs to be a dedicated person who will update or handle the social media accounts, including a Twitter handle.

President suggested appointing a paid PR agency to handle such social media professionally and requested Honorary Jt. Secretary to facilitate opening of a Twitter account for MGMI.

Honorary Secretary also informed the Council that initially for online payment for membership, Razorpay was selected by the Website handlers and the process was taken to an advanced stage, when RBI stopped a few payment gateway service providers from on-boarding new clients till security audit of the companies were completed and compliance established. Also, there were some negative issues with RazorPay that came out in the papers and it was decided to talk to some other reputed companies like PayTM, Cc Avenue, Easypay, RUpay etc. Accordingly, they had talked, with CCAvenue and is going ahead with the payment gateway company (Registered Company is known as Infibeam Avenues Limited).

The Council agreed to the proposal with a rider that account security should be primarily kept in mind.

- B. Honorary Secretary informed the Council that based on recommendation of a Finance Committee; an advertisement was placed in 2 papers for the post of Executive Secretary. There were 179 applications, out of which 11 were shortlisted and called for interview.

6 candidates turned up and Sri Prasun Nag was selected on the basis of interview judged on pre-determined criteria parameters. The new incumbent will be on contract basis for the first year and the salary will be Rs.40,000/- per month.

#### **REPORT ON THE 9TH ASIAN MINING CONGRESS (4th and 5th April 2022)**

The 9th Asian Mining Congress (9th AMC) organized by the Mining, Geological and Metallurgical Institute of India (MGMI) at the Biswa Bangla Convention Centre, New Town, Kolkata on 4th and 5th April 2022 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 “Technological Advances in Mining Industry: Status and Challenges”. The Congress witnessed a participation of nearly 400 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. In spite of being organized at Asia level, it owes to its credit key note lectures from Norway and United States of America. The congress created a lot of excitement in the research fraternity, which was reflected in the form of over 75 abstracts and 50 full-length research papers received from all over the world. During the two-day conference there were 8 sessions and 52 papers were presented. The event was supported by funding from:

- Coal India Limited (CIL)
- Steel Authority of India Limited (SAIL)
- Bharat Earth Movers Limited (BEML)
- Oil and Natural Gas Corporation Limited (ONGC)
- Singareni Collieries Company Limited (SCCL)
- NTPC Limited (NTPC)
- NMDC Limited

The congress took place over two days and featured the inaugural session and two plenary sessions on 4th April 2022 and 6 technical sessions, a panel discussion and the valedictory session on 5th April 2022. It also included networking coffee spaces. This congress was designed to provoke as much debate as possible and to obtain as many critical and constructive views from stakeholders. Each plenary and technical session consisted of a Session Chair, a Rapporteur and few speakers. The papers presented by the speakers were made available ahead of the congress

The Hon’ble Chief Guest **Dr. Anil Kumar Jain, IAS**, Secretary, Ministry of Coal, Government of India inaugurated the congress on 4th April 2022 at 10:00 AM. In his address, Dr. Jain raised many important issues being faced by the mining industry. He emphasized on better quality of minerals being produced and highlighted the emerging market of rating companies that assess environmental, social, and governance (ESG) risks and opportunities of investments globally. The President MGMI, **Shri P. M. Prasad**, CMD, CCL, Ranchi in his welcome address dealt upon the need for organizing the Congress. The Chairman, 9th AMC **Shri P. S. Mishra**, CMD, SECL presented the theme of the Congress in a lucid manner for the understanding of the audience. Theme of the 9th IME was introduced by **Shri Bhola Singh**, Chairman, 9th IME and CMD, NCL. It was followed by the address of the Guest of Honour **Shri M. Nagaraju, IAS**, Additional Secretary, Ministry of Coal, Government of India. **Shri Pramod Agrawal**,

**IAS**, Guest of Honour and Chairman, Coal India Limited addressed the gathering of experts from the Industry, R&D Institutions and the Academia. The Souvenir and Abstract of the congress were released by the dignitaries and a vote of thanks was proposed by **Shri Ranajit Talapatra**, Honorary Secretary, MGMI. Luminaries and young professionals from the world of mining industries, research institutions, academics and business graced the event.

Soon after the Inaugural session, the first plenary session began.

### **Plenary Session – I**

Session Chair: **Shri N. C. Jha**, Past President MGMI

Five key note lectures were delivered in the Plenary Session – I. The first key note lecture was delivered by **Prof S P Banerjee**, Former Director In-charge, ISM, Dhanbad, India. Prof. Banerjee Spoke on the availability of minerals needed for a green energy transition in the world and the Indian context. The demand and availability of selected critical metals for green energy transition, both from the world and Indian context were discussed. **Dr. Rabi Narayan Bastia, Padmashri** presented the incredible journey of seismic from petroleum to coal and to minerals. He summarized that now, since, the exploration for coal and mineral deposits is moving to greater depths, application of seismic tools and techniques have to be used for deep and expensive exploration and borehole drilling. A key note lecture on processing of bauxite residue for the recovery of metal values was given by **Prof. Suddhasatwa Basu**, Director, CSIR-IIMT Bhubaneswar and CSIR-CIMFR Dhanbad. The R&D efforts of CSIR-IMMT Bhubaneswar on the processing and utilization of bauxite residue were deliberated. **Mr Roopwant Singh**, IAS, MD, GMDC, Gujarat highlighted the present activities of GMDC and discussed about upcoming lignite blocks, opportunities for capital partners for limestone and silica sand, exploration agencies to unearth the vast multi-metal and REEs, EPC contractors for value addition and processing and lignite beneficiation technology partners, O&M operators for their thermal Power plants and customers for our vast Bauxite, Bentonite and Silica Sand reserves. **Dr N. K. Nanda**, past president, MGMI made a presentation on start-ups in mineral and mining ecosystem in India. It was summarized that start-ups in mining and mineral sectors can be the growth engine for the sector. Adoption of new technology, digitalization of mining process and outsourcing non-core activities to start-ups in large mines improve the productivity and enhance viability of new projects to meet the future mineral demand of the country.

### **Plenary Session – II**

Session Chairs: **Dr. Amalendu Sinha**, Former Director, CSIR-CIMFR and  
**Shri M. K. Singh**, Executive Director (Coordination), Coal India Limited

**Dr. Leon Clarke**, Director of Decarbonization Pathways at the Bezos Earth Fund, USA threw some light on key characteristics of net zero energy systems in his key note lecture and **Dr Sukanta Roy**, Advisor, Ministry of Earth Sciences, Government of India

presented the challenges, results and perspectives of geophysical exploration of the Koyna (India) intra-plate seismogenic zone through scientific deep drilling to 3 km depth. The last key note lecture of tunnels, caverns and slopes in discontinua – a critical assessment of continuum analyses, GSI, Hoek-Brown and Mohr Coulomb, with focus on ‘discontinuum analyses and geology’ was of **Dr Nick Barton**, Norway, who summarized that joint and rock mass characterization for discontinuum models were needed if we were to return closer to reality. It was concluded that joint and rock mass characterization for discontinuum models were needed for coming closer to reality.

### **Report on Capacity Assessment Seminar**

- During a meeting chaired by Secretary (Coal) on 27th September 2021, Coal India Limited (CIL) had been advised to organise a seminar on Capacity Assessment inviting all coal companies, CMPDI, and private sector for stakeholder consultations as per the directions of the Hon'ble Prime Minister.
- Subsequently, Ministry of Coal, vide file no. A-60/12/2021-ESTABLISHMENT dated 2nd November, 2021 requested CMD, CIL to organise this Seminar during the 9th International Mining Exhibition (IME), organised by the Mining Geological and Metallurgical Institute of India (MGMI).
- Accordingly CIL, in collaboration with MGMI, organised this event to assess stakeholders' capacity and preparedness required to meet the future coal demand, on 4th April 2022 from 3:00 PM at Biswa Bangla Convention Centre, Kolkata, by dedicating an entire session during the 9th Asian Mining Congress.
- The seminar was chaired by Shri M. Nagaraju, Additional Secretary to the Govt. of India, Ministry of Coal, and graced by Shri Anil Kumar Jain, Secretary, Govt. of India, Ministry of Coal – the Chief Guest of the seminar, in the august presence of Shri Pramod Agrawal, Chairman, CIL, Shri B. Veera Reddy, Director (Technical), CIL, Shri P.M. Prasad, Chairman-cum-Managing Director, CCL/President, MGMI and other dignitaries from reputed organizations. The seminar was coordinated by Shri Achyut Ghatak, GM (Corporate Planning), CIL.
- Altogether eight senior officials from pan-India reputed organizations expressed their valuable views and shared innovative ideas to enhance overall preparedness, with the objective of catering to the requirements of achieving 1 BT coal production target, with special emphasis on wherewithal, equipment and roadmap to 1.5 BT production for the country as a whole.
- The enriching ideas also threw light on the wide gamut of elements of capacity, that definition-wise is the comprehensive ability of assets & resources to perform and enhancement of which leads to larger output, better economics and greater shock absorbing ability.

- The details of presenting organizations and the dignitaries are as follows: -
  - ★ NCL : Shri Bhola Singh, CMD
  - ★ CMPDI : Shri R.N. Jha, Director (RD&T)
  - ★ DVC : Shri Ram Naresh Singh, Chairman
  - ★ SCCL : Shri S. Chandrashekhar, Director (O)
  - ★ BEML : Shri M. V. Rajshekhar, Director (Mining & Construction)
  - ★ NLC : Shri Suresh Chandra Suman, ED (Mining)
  - ★ SAIL : Shri Bijendra Pratap Singh, ED (Works), DSP
  - ★ GMMCO : Shri Anuj Keolia, Vice President
  
- **NCL** expressed that coal shall continue to remain the primary player in the energy mix of the country in coming years due to major drivers like Make in India, 24X7 power for all, Rise of e-mobility, rural electrification & sustained economic growth. With large capacity equipment (Draglines, Shovels & Dumper), efficient dispatch (through MGR, CHPs and Silos) and evacuation (mostly through MGR & Rail mode), NCL contributes significant share of overall production of CIL, with consistent growth. Well planned mechanization, standardization and capacity building with matching geo-mining condition has enabled NCL to achieve planned coal targets, improvement in production, productivity & safety, better environment management, flexibility in production system for quick response to dynamic market scenario, and has further strengthened the foundation for future plans towards optimum extraction of coal resources.
  
- **CMPDI** projected Skill Development of human resources as a necessary tool for achieving 1 BT production by 2024-25, by enhancing human resource capabilities in overall management of project, contracts, supply chain, operations and statutory clearances & compliances, through reskilling & upscaling of human resources. For smooth implementation of skill development, a structured approach was proposed in the form of Talent Management Policy, which harnesses leadership abilities of potential executives & readiness to assume critical responsibilities. Towards capacity enhancement, need-based training of existing & newly recruited executives is required with focus on future thrust areas like IT application, enhanced production from UG mining, mass production technology, indigenization of technology, digitization & techno-managerial leadership improvement, so as to analyse, identify and redress likely impediments & constraints in enhancing coal production. CMPDI has taken up some reskilling/upskilling activities like training in latest software, training of geologists in other areas, thrusts on diversification initiatives etc. IICM can be upgraded to spearhead skill development initiative, by remodeling it into a dynamic centre of excellence. Skill development of both upper & lower levels of workforce would lead to cope with the automation and mechanization being planned in mining operation and maintenance activities.



- In their pursuit towards capacity enhancement, **DVC** has taken up diversification in a large way into solar power and coal mining to fulfill the needs of its assets.
- **BEML** stressed more & more on R&D activities as a successful tool for capacity enhancement, which have aptly delivered India's largest indigenous mining trucks - 150 Te and 205 Te payload carrier Electric Drive Dump Trucks. High capacity Rope shovels & backhoes, hydraulic excavators, walking draglines, dozer, tyre handlers etc. are being manufactured for coal sector. Launching of 240 Te Electric Drive Dump Trucks is in pipeline. AI & IoT projects like Vehicle Health Monitoring System, AI based predictive maintenance through data analytics & telematics, AI based 360° surrounding view monitoring system, Drivers Fatigue Monitoring System, Payload Monitoring System etc. are being introduced in equipment for better safety & health management and greater productivity improvement.
- **SCCL** showcased its pioneering initiatives in implementation of ERP-SAP system, commissioning largest capacity longwall project, production of thermal power & solar power and adopting sand processing plant using OB. With limited reserves amenable for OC mining, SCCL has converted a number of UG mines to OC for augmenting production. SCCL deploys Shovel Dumper combination, In-Pit crushing & conveying, Surface Miner in the OC mines and Longwalls, Continuous Miners and LHDs & SDLs in the UG mines. Future plans of SCCL towards capacity expansion include new mining projects within & outside Telangana state, upcoming CHPs, new railway infrastructure construction and Diversification initiatives like existing Thermal power plant (installed capacity 2X600 MW), Solar power plants (300 MW by '22), Floating Solar power plants (250 MW by '22-'23), capacity expansion of explosive manufacturing plants and processed OB plants.
- **NLCIL**, the largest OC lignite mining CPSE in Asia and nodal agency for lignite mining in India, emphasized on strong in-house capabilities in its core business of diversified & integrated lignite mining, coal mining, power generation and power trading, leading to doubling of mining capacity & 50% increase in power generation capacity in last 3 years. As a part of Vision 2030, NLC has envisaged to enhance both its coal and lignite mining capacity and expansion of power generation capacity, both in thermal & renewables like solar & wind. In its constant endeavour towards capacity enhancement, NLC intends to foray in areas of potential business opportunities like allied areas in power sector, EV charging infrastructure, application of AI, commercial coal mining, lignite blending and diversification initiatives like solar wafer manufacture, lignite to methanol, lignite to diesel, lignite to hydrogen and waste to wealth efforts like OB to sand & minor minerals.
- **SAIL** highlighted the fact that dearth of indigenous coking coal has led to major import of the same & resultant blending. In its bid to enhance its capacity to 50 Mty by 2029-30, the projected Prime coking coal requirement is also likely to be

considerably higher to about 100 Mty. Accordingly, the projected import of high-quality low ash coking coal shall increase steeply. The option of blending with the indigenous coal may also be thought of.

- To keep pace with the need of the industry and facilitate the coal sector to achieve 1.5 bt aspirational target, **GMMCO** provided details of various manufacturing capacities and the capacity expansion programs. It was remarked that currently **GMMCO** has a major export market and has the capability to look inwards if demand arises.
- The seminar was followed by an informative Q&A session & concluded with vote of thanks to the Chair.
- The seminar was successful in that it brought out some extremely innovative thoughts & ideas for overall improvement in Capacity Assessment and Enhancement through R&D, better industry interface and more investments for 'Make in India' for achieving the aspirational target of 1.5 BT coal production nationwide, thereby contributing to the energy security of the nation and making the country 'Atmanirbhar' in the days to come.

### CHAPTER ACTIVITIES

- **Calcutta Chapter**

The Annual General Meeting (AGM) of the MGMI Calcutta Chapter was held on Sunday, 15th January 2023 at Golden Glow Resort, Dingelpota, North 24 Paraganas, West Bengal, during the 29th Annual Day Get-together Event of the Chapter. The AGM was attended by 54 members of the Chapter. 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.

Shri Bhaskar Chakrabarti, General Secretary of the Chapter & a Council Member of MGMI, presented the activities of the Chapter during the past 2½ years. The activities were subdued due to the pandemic. There was two virtual and four physical Executive Committee Meetings during this period. In absence of the Treasurer, the Secretary presented the audited accounts which was passed by voice vote. The current Account balance is about Rs. Two Lakhs only. He also mentioned that no Fund-raising activity could be arranged by the Chapter since 2019. The members felt that we must now gear up to organize some Workshop / Seminar / Lecture Sessions etc. for propagating geoscientific knowledge & providing guidance to the industries as one of our objectives as well as to raise funds for smooth running of the Chapter.

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. Most of the members suggested to continue with the existing committee. However, after prolonged discussions, the committee was constituted. The following will be the office-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**

MGMI Calcutta Chapter, known for its unique activities, apart from time to time organizing workshops / seminars, lecture sessions on topical techno-scientific issues, makes conscious efforts to promote interaction amongst its members and families. In spite of serious infrastructural and financial constraints and identity crisis faced at times, dedication and enthusiasm of the functionaries over the past decades have proved the Calcutta Chapter as one of the most active and vibrant unit of MGMI. Inaugurated in December 1991, the Chapter organizes Annual Day Get-together of its members and their families at a tourist's spot / resort in or nearby Kolkata every year and this has become a flagship event since 1992. Members eagerly look forward to this yearly occasion that provides a unique opportunity for them to meet old friends, fellow colleagues and new acquaintances besides enjoying the day with their families. It has been continuing till 2019-20, after which, there had to be a break for two years due to pandemic. This year 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.

It was decided that the Annual General Meeting (AGM) of the MGMI Calcutta Chapter, which could not be arranged due to the pandemic in almost the last three years, would be held here as many members would join the get-together. The scheduled AGM was held at the beginning after breakfast at the banquet hall.

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 60 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 and Mrs Reddy were welcomed and felicitated with flower bouquet by Dr A.K. Moitra, Chairman accompanied by Bhaskar Chakrabarti, Secretary of the Calcutta Chapter. 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 day long 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).

Prominent MGMI members who took part in the get-together were – S/Shri S.K. Chowdhury, Former Controller General, IBM, Dr S.M. Kolay, Former Director (T), BCCL, Prasanta Roy, Immediate Past Secretary, MGMI, Ranajit Talapatra, Hony Secretary, MGMI, and executive committee members of Calcutta Chapter. The MGMI Calcutta Chapter expresses sincere thanks to all the participating members, especially to Dr. and Mrs. Reddy for making the event a grand success.

At the conclusion, participation mementoes were presented to the members before leaving.

- **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 A K Singh, DT WCL among others. More than 100 applications for Life Membership have been received from Nagpur.

- **Odisha Chapter**

The National Seminar on "Challenges and Strategies in Coal Mining & Transformation to Industry 4.0 – To Meet Energy Needs of the Nation" was organised by the Mining, Geological & Metallurgical Institute of India (MGMI), Odisha Chapter on 26th November 2022 at MCL Auditorium, Jagruti Vihar, MCL HQs, Burla, Sambalpur, Odisha.

Shri Amrit Lal Meena, Secretary to Government of India, Ministry of Coal, who was the Chief Guest at the Inaugural Session, delivered the **Keynote Address** through video conferencing which was also attended by Shri Pramod Agrawal, Chairman, Coal India Limited through video conferencing. Shri OP Singh, Chairman-cum-Managing Director, Mahanadi Coalfields Limited (MCL), who is the Chairman of MGMI-Odisha Chapter, inaugurated the National Seminar. Prominent among others present at the seminar were Shri Keshav Rao, Director (Personnel), Shri Jugal Kumar Borah, Director (Technical/Projects & Planning) and Shri A K Behura, Director (Finance). The National Seminar, hosted by MCL, witnessed delegates from different public and private sector enterprises as well as technical institutions.

As much as 48 technical papers were received from authors of diverse engineering background of which 19 papers were presented on the day of seminar in 3 sessions as follows.

**Session – I (Mining 4.0 & Innovation)**

**Session – II (Future Challenges & Strategies in Mining Industry)**

**Session – III (Steps towards sustainability Goals)**

During the technical sessions, experts discussed challenges related to land acquisition, road map to net zero carbon, coal transportation and logistics, bulk material handling and evacuation, digitalization in mining and autonomous HEMM, Industry 4.0, Strata Control and sustainable mining. Meanwhile, an exhibition was inaugurated by Shri O P Singh, CMD, MCL, where 15 different organisations had put up their exhibits on latest technologies like virtual reality, mining equipment, traffic management solutions, lighting solutions, energy efficiency measures, etc. 300 delegates from 86 organizations participated in the Seminar and 15 organizations put up their Stalls in the Exhibition.

• **Hyderabad Chapter**

A lecture was organised by the MGMI Hyderabad Chapter on 09.12.2022, at Hotel Golconda, Hyderabad. Two distinguished Speakers were invited for the evening.

1. Dr. Abhijeet Mukherjee, General Manager (Exploration) NMDC Limited presented Modern Multidisciplinary approach in Diamond exploration and Drone Based Mineral Exploration.
2. Dr. G.V. Rao, DGM (Mineral Processing) presented on Modelling studies based on Iron Ore beneficiation.

Both the presentations provided deep insights on the topic and were well appreciated by the Members.

**Annual General Body Meeting**

The Annual General Body meeting of MGMI Hyderabad Chapter was held on 09.12.2022, at Hotel Golconda, Hyderabad, to elect the new executive Body for MGMI Hyderabad Branch. It was attended by about 50 members and invitees.

The AGM was conducted by Dr. N. K. Nanda, Former President of MGMI and Chairman of Hyderabad Branch. The Nominations received were proposed and approved by the Members in the General Body Meeting.

The new executive body for the MGMI Hyderabad Chapter is as follows:

Chairman	: Shri. D. K. Mohanty, Director (Production), NMDC
Vice- Chairman	: Shri. K. J. Amarnath, Head, Mining division, ESCI
Hon. Secretary	: Dr. Abhijeet Mukherjee, General Manager (Exploration) NMDC Limited
Hon. Jt. Secretary	: Sri. M Satish Kumar, SCCL
Hon. Treasurer	: Dr. P.S. Jena, NMDC
Executive Members	: 1. Shri Satyadev Jaiswal, AGM (BD&CP) 2. Shri Ramveer Singh, DGM(Min) , 3. Shri Naveen Dubey, DGM(CP)

President MGMI Shri. B. Veera Reddy, Director (Technical), CIL HQ attended the meeting as a special Invitee. It was resolved to give wide publicity about MGMI activities amongst the mining fraternity including Mining Engineers, Geologists, Metallurgists and other Engineers associated with the Mineral industry, Universities and CSIR Institutes etc. An appeal was made to all associated with the mineral industry to become Life members of MGMI. This membership would help individuals immensely to keep abreast of cutting edge technologies, Research papers and other publications of the institution and also through seminars, workshops on focused themes.

## **PUBLICATIONS**

### **Transactions**

MGMI Transactions, Vol 118 (April 2021-March 2022) has been under preparation.

### **News Journal**

Four issues viz. Vol. 48 No 1 (April – June 2022), Vol. 48 No 2 (July – September 2022), Vol. 48 No 3 & 4 (October 2022 – March 2023) published and distributed.

## **LIBRARY**

During the year about 95 Journals, periodicals, Bulletins, etc. has been added in the library. Selected publications both of the Institute and 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 2022-23 is appended. Some members are in arrears of subscriptions. As the membership subscription is the main source of 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 113 new members have been enrolled in different categories, which is not at all encouraging.

### 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 and 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 :

- |                                |                   |
|--------------------------------|-------------------|
| • R H Sawkar                   | -6166-LM; 1992-93 |
| • T V S Rao                    | -9996LM; 2011-12  |
| • Dr Shyamal Kanti Chakraborty | -6090-LM; 1992-93 |
| • Somesh Das                   | -8434-LM; 2001-02 |
| • S B Bhadani                  | -4134-LM; 1983-84 |
| • K P Kapai                    | -5859-LM; 1991-92 |
| • M P Singh                    | -3956-LM; 1983-84 |
| • Dr Kamal Nandi               | -4841-LM;1986-87  |
| • Bijitendra Biswas            | -7580-LM; 1997-98 |
| • Jyotirmoy Roy Choudhury      | -4101-LM; 1983-84 |
| • Lab Kumar Bose               | -3758-LM; 1983-84 |
| • M N Mehta                    | -3781-LM; 1983-84 |
| • Dr Raj Ranjan Prasad Verma   | -6084-LM; 1992-93 |
| • Ashok Kr Mukhopadhyay        | -3759-LM; 1983-84 |

**MAY THEIR SOULS REST IN PEACE**

**AUDITED BALANCE SHEET  
WITH  
INCOME & EXPENDITURE ACCOUNTS  
2022 – 2023**





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

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Phone : 91-33-3571 7838  
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## INDEPENDENT AUDITOR'S REPORT

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

### Report on the Standalone Financial Statements

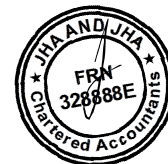
#### Opinion

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, 2023, 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, 2023, 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, 2023 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 02th September, 2023  
UDIN : 23052858BGXNWU4765

**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, 2023 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 02th September, 2023  
UDIN : 23052858BGXNWU4765

**THE MINING, GEOLOGICAL & METALLURGICAL**

(Incorporated as a Company under

(Section 25 of the Indian

**BALANCE SHEET AS ON**

<b>Previous Year</b>	<b>LIABILITIES</b>	<b>AMOUNT (Rs.)</b>	<b>AMOUNT (Rs.)</b>
	<b>CAPITAL ACCOUNT</b>		
24,65,370.00	Balance as per last A/c.	24,74,170.00	
	Add: Admission Fees from Members	<u>53,600.00</u>	25,27,770.00
8,800.00	@400x		
	@300x		
	@200x		
	<b>RESERVE FUND</b>		
65,66,687.65	Balance as per last A/c.	67,13,397.65	
1,46,710.00	Added during the year (LM Subscription)	<u>8,02,327.00</u>	75,15,724.65
	<b>MGMI AWARD FUND</b>		
7,05,783.97	Balance as per schedule Annexed		7,21,037.97
	<b>STAFF RETIREMENT BENEFIT FUND</b>		
5,92,013.79	Balance as per last A/c.	6,17,731.79	
25,000.00	Added Contribution form MGMI	25,000.00	
718.00	Add: Interest on FD	<u>2,981.00</u>	6,45,712.79
	<b>PROVIDENT FUND</b>		
6,94,097.94	Balance as per last A/c.	8,17,785.44	
61,224.00	Add: Contribution Subscription	86,048.00	
62,463.50	Add: Interest on FD	<u>4,570.00</u>	9,08,403.44
	<b>BUILDING FUND</b>		
96,32,332.18	Balance as per last A/c.		96,32,332.18
<b><u>2,09,61,201.03</u></b>			<b><u>2,19,50,981.03</u></b>

**INSTITUTE OF INDIA**

Section 25 of the Indian Companies Act, 1883)

Companies Act, 1956)

**31ST MARCH, 2023**

Previous Year	A S S E T S	AMOUNT (Rs.)	AMOUNT (Rs.)
	<b>FURNITURE &amp; FIXTURE</b>		
14,635.61	Balance as per last A/c	13,172.05	
	Add: During the year		
1,463.56	Less: Depreciation	<u>1,317.21</u>	11,854.84
	<b>FURNITURE &amp; FIXTURE</b>		
45,229.97	Balance as per last A/c	40,706.97	
	Add: During the year		
4,523.00	Less: Depreciation	<u>4,070.00</u>	36,636.27
	<b>FURNITURE FITTINGS &amp; ELECTRICAL EQUIPMENT</b>		
1,40,633.89	Balance as per last A/c.	1,26,570.51	
	Add: During the year	3,30,872.00	
14,063.38	Less: Depreciation	<u>45,744.26</u>	4,11,698.25
	<b>XEROX MACHINE</b>		
32,549.15	Balance as per last A/c.	29,294.24	
3,254.91	Less: Depreciation	<u>2,929.43</u>	26,364.81
	<b>AIR-CONDITIONING EQUIPMENT</b>		
1,08,489.05	Balance as per last A/c.	97,640.15	
10,848.90	Less: Depreciation	<u>9,764.02</u>	87,876.13
	<b>BICYCLE</b>		
56.65	Balance as per last A/c.	50.99	
5.66	Less: Depreciation	<u>5.10</u>	45.89
	<b>COMPUTER (RCP FUND)</b>		
6,146.26	Balance as per last A/c	2,458.51	
	Add: During the year	48,441.00	
3,687.75	Less: Depreciation	<u>30,539.71</u>	20,359.80
	<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>		
26,50,247.00	Balance as per last A/c.	25,17,735.00	
1,32,512.00	Less : Depreciation	<u>1,25,886.00</u>	23,91,849.00
<b>32,08,828.62</b>			<b>33,67,834.19</b>

C/O

(Contd.)



**THE MINING, GEOLOGICAL & METALLURGICAL**

(Incorporated as a Company under

(Section 25 of the Indian

**BALANCE SHEET AS ON**

<b>Previous Year</b>	<b>LIABILITIES</b>	<b>AMOUNT (Rs.)</b>	<b>AMOUNT (Rs.)</b>
<b>2,09,61,201.03</b>	<b>B/F.....</b>		<b>2,19,50,981.03</b>
	<b>SCIENTIFIC RESEARCH ACTIVITIES PROJECT FUND</b>		
56,46,955.03	Balance as per last A/c	58,84,907.03	
3,03,672.00	Add : Interest on FD	1,88,677.00	
	Add: Loan from MGMI Petty Cash	11,568.00	
		<u>60,85,152.03</u>	
	<b>Less : Expenditure during the year</b>		
720.00	Bank Charges	649.00	
	Loan to 9th AMC MGMI A/c.	12,00,000.00	
	RCP Petty Cash Expenses	38,902.00	48,45,601.03
65,000.00	Service charge to Broker	-	-
	<b>SUBSCRIPTION ADVANCE</b>		
500.00	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.	5,36,220.00	
	Add : During the Year	12,00,000.00	17,36,220.00
		<u>17,36,220.00</u>	
<b><u>2,88,65,175.06</u></b>			<b><u>2,98,15,149.06</u></b>

**INSTITUTE OF INDIA**

Section 25 of the Indian Companies Act, 1883)

Companies Act, 1956)

**31ST MARCH, 2023**

Previous Year	A S S E T S	AMOUNT (Rs.)	AMOUNT (Rs.)
<b>32,08,828.62</b>	<b>B/F.....</b>		<b>33,67,834.19</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>		
5,38,894.00	On FD Account	5,37,983.00	
72,028.79	On SB Account	<u>1,00,920.79</u>	6,38,903.79
	<b>BUILDING FUND INVESTMENT</b>		
1,89,205.83	On SB Account		1,89,205.83
	<b>FIXED DEPOSIT</b>		
2,10,68,171.00	Balance as per last Account	2,00,68,171.00	
10,20,000.00	Add : During the Year	82,00,000.00	
20,20,000.00	Less : Withdrawal	<u>10,00,000.00</u>	2,72,68,171.00
	<b>PROVIDENT FUND INVESTMENT</b>		
6,20,509.00	On FD Account	6,75,051.00	
1,45,052.94	On SB Account	<u>1,81,128.94</u>	8,56,179.94
	<b>SECURITY DEPOSIT FOR ELECTRICITY</b>		14,400.00
14,400.00	Balance as per last Account		
	<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	58,330.00	
	Add : During the Year	10,000.00	
	Less : Recovered	<u>3,500.00</u>	64,830.00
	<b>TUBEWELL</b>		
1,13,995.00	Balance as per last Account		1,13,995.00
	<b>TAX DEDUCTED AT SOURCE</b>		
	TDS on Others (as per last A/c.)	3,36,389.66	
	Less: TDS Refund	<u>12,33,056.00</u>	8,96,666.34
25,740.00	Sales Tax GST Credit		
	<b>MGMI AWARD FUND INVESTMENT</b>		
7,15,494.00	Fixed Deposit with SBI Salt Lake	7,15,494.00	
27,993.11	SB A/c. with SBI	<u>43,247.11</u>	7,58,741.11
<b><u>2,58,23,807.29</u></b>			<b><u>3,41,94,092.20</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.)
<b>2,86,65,175.06</b>	<b>B/F.....</b>		<b>2,98,15,149.06</b>
	<b>LIABILITIES FOR EXPENSES</b>		
57,840.00	Loan from RCP Petty Cash	57,840.00	
	Less : Recovered from MGMI	<u>11,568.00</u>	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
	<b>PAYABLE FOR TDS DEPOSIT</b>		
5,000.00	As per last A/c		0.00
35,10,600.00	Amount receivable from 3rd & 7th AMC On A/c. of reimbursement of Expenses Goods Service Tax (GST)		35,10,600.00
	<b>LIABILITIES FOR EXPENSES</b>		
23,60,805.97	Excess of Income over Expenses	30,28,637.50	
6,67,831.53	Add: Excess of Income over Expenditure	<u>55,57,647.93</u>	85,86,285.43
6,47,572.66	TDS Refund		
2,43,000.00	Add: refund during the year		
5,59,183.00	Less : TDS during the year Liability for Expenses GST Liability		
	<b>LIABILITIES FOR EXPENSES</b>		
3,54,400.00	As per last A/c.		3,54,400.00
1,62,733.00	GST Liabilities as per last A/c.	1,62,733.00	
	Add: During the year	11,64,321.00	
	Less : During the yearzx	<u>9,73,581.00</u>	3,53,473.00
<b><u>3,73,13,354.22</u></b>			<b><u>4,38,63,758.49</u></b>

Date : 02.9.2023

Place : Kolkata

UDIN : 23052858BGXNWU4765

Hony. Secretary  
MGMIHony. Jt. Secretary  
MGMI

**INSTITUTE OF INDIA**


Section 25 of the Indian Companies Act, 1883)

Companies Act, 1956)


**31ST MARCH, 2023**

Previous Year	A S S E T S	AMOUNT (Rs.)	AMOUNT (Rs.)
<b>2,58,23,807.29</b>	<b>B/F.....</b>		<b>3,41,94,092.20</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	46,12,928.00	
14,20,468.52	CD A/c. with SBI	4,08,496.29	
27,333.77	Petty Cash	0.00	50,21,424.29
	<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
	<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>		
23,26,560.43	SBI Salt Lake CD A/c	15,96,595.79	
30,510.00	SBI Park Street CD A/c	30,510.00	
67,610.21	Cash with Hony. Secretary	16,803.21	
1,85,110.00	SBI Consultancy A/c	1,85,110.00	18,29,019.00
5,47,950.00	Receivable from PF & Staff Retirement Fund as per last A/c.		5,47,950.00
5,357.00	Foreign contribution Regulation Act 2010 SB A/c.	5,357.00	
	Interest earned during the year	146.00	5,503.00
<b>3,73,13,354.22</b>			<b>4,38,63,758.49</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>
13,81,835.00	To Establishment		15,66,809.00
1,97,663.00	" Printing & Stationery		3,08,465.00
41,551.32	" General Charges		73,220.60
3,19,498.00	" Postase & Telegram		2,54,874.00
67,978.00	" Bonus to Staff		76,680.00
1,26,665.00	" Meeting Expenses		16,77,065.00
3,55,318.00	" Servicing & Repairing		1,26,421.00
30,612.00	" Contribution to PF A/c.		43,024.00
25,000.00	" Contribution to Staff Retirement Fund		25,000.00
42,548.00	" Staff Welfare		36,787.00
12,000.00	" Audit Fees		12,000.00
1,16,105.00	" Electricity Charges		3,45,696.00
1,12,679.00	" Travelling & Conveyance		3,16,666.00
2,28,705.00	" Security Service Charges		2,02,668.00
21,895.00	" Telephone Charges		21,544.00
98,375.00	" Municipal Tax		95,320.00
14,350.00	" Filing Fees		7,421.00
4,900.00	" Professional Fees		65,361.00
25,398.00	" Communication Expenses		61,765.00
36,740.00	" Water Tax (Nabadiganta)		51,653.00
7,09,793.00	" Printing of Publication		3,69,840.00
82,016.00	" Council Election Expenses		1,31,938.00
1,93,293.00	" Transit House Expenses		–
5,197.00	" Gardening Expenses		5,700.00
15,250.00	" Puja Boksish		6,000.00
4,130.00	" Library Expenses		4,956.00
–	" Accrued Interest		–
3,60,000.00	" Honorarium to Staff		3,54,000.00
17,65,600.00	" 9th Asian Mining Congress '22		66,63,679.00
–	Retirement Benefit to Shri P.K. Ghosh		36,000.00
–	Advertisement Expenses		1,93,139.00
–	Making of Medal		24,309.00
–	Foundation Day Lecture Expenses		1,19,300.00
–	MGMI Award		1,50,000.00
–	Labour Charges		2,000.00
<b>63,95,094.32</b>			<b>1,34,29,300.60</b>

**INSTITUTE OF INDIA**

Section 25 of the Indian Companies Act, 1883)  
Companies Act, 1956)

**FOR THE YEAR ENDED 31ST MARCH, 2023**

Previous Year	I N C O M E	AMOUNT (Rs.)	AMOUNT (Rs.)
	By Subscription from Members		
30,000.00	" @500x24	12,000.00	
20,000.00	" @20000x1	20,000.00	
1,50,000.00	" @50000x3	1,50,000.00	
2,00,000.00	" @100000x2	2,00,000.00	
287.00	" @200x2	400.00	
	" @50x1	<u>50.00</u>	
4,00,287.00			3,82,450.00
	" Donor Subscriber		-
3,000.00	" Advance Subscription		500.00
1,320.00	" Membership Certificate Fees		7,830.00
10,428.00	" Sale of Publication		880.00
2,55,600.00	" Advertisement		1,25,000.00
15,53,356.00	" Intrest of FD		16,07,402.00
69,301.01	" Dividend on Units		27,720.44
4,750.00	" Transit House Income		7,000.00
7,50,100.00	" License Fee		15,60,000.00
25,00,000.00	" 8th Asian Mining Congress '19		-
16,40,000.00	" 9th Asian Mining Congress '22		1,52,56,240.52
45,001.00	" Miscellaneous Receipts		84,568.00
142.00	" Interest on FCR Act 2010 Saving Bank		146.00
	Electricity Charges		1,47,468.00
			<u>1,92,07,204.96</u>
		<u>72,33,285.01</u>	

C/O

(Contd.)

**THE MINING, GEOLOGICAL & METALLURGICAL**

(Incorporated as a Company under

(Section 25 of the Indian

**INCOME AND EXPENDITURE ACCOUNT**

Previous Year	EXPENDITURE	AMOUNT (Rs.)	AMOUNT (Rs.)
<b>63,95,094.32</b>	<b>B/F</b>		<b>1,34,29,300.60</b>
	<b>Depreciation</b>		
1,463.56	" Furniture & Fixture	1,317.21	
4,523.00	" Furniture	4,070.70	
14,063.38	" Furniture Fittings & Electrical Equipment	45,744.26	
3,254.91	" Xerox Machine	2,929.43	
10,848.90	" Airconditioning Equipment	9,764.02	
5.66	" Bicycle	5.10	
3,687.75	" Computer	30,539.71	
1,32,512.00	" Building	1,25,886.00	2,20,256.43
6,67,831.53	" Excess of Income over Expenditure		55,57,647.93
<u>72,33,285.01</u>			<u>1,92,07,204.96</u>
23,60,805.97	" Excess of Income over Expenditure as per last A/c.	30,28,637.50	
6,67,831.53	" Add: Excess of Income over Expenditure	<u>55,57,647.93</u>	85,86,285.43
<u>30,28,637.50</u>		<u>85,86,285.43</u>	

Date : 02.9.2023  
Place : Kolkata  
UDIN : 23052858BGXNWU4765

  
Hony. Secretary  
MGMI

  
Hony. Jt. Secretary  
MGMI

**INSTITUTE OF INDIA**

Section 25 of the Indian Companies Act, 1883)

(Section 25 of the Indian

**FOR THE YEAR ENDED 31ST MARCH, 2023**

Previous Year	INCOME	AMOUNT (Rs.)	AMOUNT (Rs.)
72,33,285.01	B/F		1,92,07,204.96

**72,33,285.01**

**1,92,07,204.96**


30,28,637.50 " Excess of Income over Expenditure  
transferred to Balance Sheet

85,86,285.43


**30,28,637.50**

**85,86,285.43**

Signed in terms of our report of such date

  
Hony. Treasurer  
MGMI



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



**MGMI AWARD FUND INVESTMENT**

Sl. No.	Name of the Fund	Amount
1	Chretien Mica Gold Medal	3,090.82
2	Dewan Bahadur DD Thacker Coal Mining (Gold) Medal Fund	30,850.94
3	John Dunn Fund	7,595.00
4	Coggin Brown Memorial	18,504.78
5	Shivlal Award Fund	1,05,865.78
6	Nava Bharat Ferro Alloys Medal Fund	22,617.10
7	Indranil Award for Metallurgy	39,986.99
8	S. K. Nargundkar Award Fund	11,552.88
9	Oil India Medal Fund	8,441.51
10	McNally Bharat Medal Fund	14,408.36
11	Yule Award Fund	6,972.40
12	Dr. Hari Narain Medal Fund	11,119.82
13	M.L. Rungta Award Fund	25,948.95
14	S. C. C.L. Medal Fund	16,441.31
15	Neyveli Lignite Medal Fund	17,191.08
16	Smt. Bala Tandon Award Fund	18,092.66
17	Coal India Project Implementation Trophy Fund	5,641.16
18	G. S. Jabbi Memorial Fund	355.08
19	Subrata Ghosh Award Fund	21,594.20
20	D. N. Thakur Award Fund	20,000.00
21	R. P. Bhatnagar Award Fund	1,32,416.42
22	Contribution by MGMI	50,000.00
23	Nirja Sahay Award	30,000.00
24	Sukumar Rakshit Award Fund	26,989.73
25	Lala Ram Krishore Singhal Award	40,000.00
26	Kalyan Mukherjee'61 Geology' Award Fund	70,000.00
27	H. B. Ghose Award	1,00,000.00
28	Prof. S. K. Bose Memorial Award Fund	50,000.00
29	Prof.Dr. Mahendra Pratap Singh Memorial Coal Science Award	5,00,000.00
		<b><u>14,05,676.97</u></b>
	Less : Expenses incurred As per last A/c.	
	Add : During the year Including administrative Overhead Rs.	
	Add : Interest on F.D. & SB Account As per last A/c.	7,05,783.97
	Add : During the year	<u>15,254.00</u>
		<b><u>7,21,037.97</u></b>

Date : 02.9.2023

Place : Kolkata

UDIN : 23052858BGXNWU4765

# MGMI CHAPTERS

