Report of the Council and Audited Balance Sheet with Income & Expenditure Accounts 2020-21



THE MINING, GEOLOGICAL & METALLURGICAL INSTITUTE OF INDIA

MGMI

GN-38/4, SECTOR-V, SALT LAKE, KOLKATA-700 091 Phones : (91) (33) 4000-5168 / 2357-3987 Email : secretary@mgmiindia.in, office@mgmiindia.in • Website : www.mgmiindia.in

SECTOR-V Salt Lake Kolkata 1

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ANNUAL REPORT

115th ANNUAL REPORT

Report of the Council

and

Audited Balance Sheet

with

Income & Expenditure Accounts

2020-21



THE MINING, GEOLOGICAL & METALLURGICAL INSTITUTE OF INDIA

GN-38/4 • Sector-V • Salt Lake • Kolkata – 700 091 Phones : (91) (33) 4000-5168 / 2357-3482 / 3987 Telefax: (91) (33) 2357-3482 Email : office@mgmiindia.in, secretary@mgmiindia.in Website : www.mgmiindia.in

ANNUAL REPORT 2020-21

MGMI Council for 2020-21

President

Polavarapu Mallikharjuna Prasad, Chairman-cum-Managing Director, Central Coalfields Ltd.

Immediate Past Presidents

Anil Kumar Jha, Former Chairman, Coal India Limited Dr Narendra Kumar Nanda, Former Director (Technical), NMDC

Vice-Presidents

Binay Dayal, Director (Technical), Coal India Limited Prabhat Kumar Sinha, CMD, Northern Coalfields Limited Pravat Ranjan Mandal, Former Advisor (Projects), Ministry of Coal Jagdish Prasad Goenka, Managing Partner, Nanda Millar Company

> Honorary Secretary Rajiw Lochan, Advisor (CED/CBM), CMPDI

Immediate Past Secretary

Prasanta Roy, HOD (Geology), PMD, CIL

Honorary Editor Prof (Dr) Khanindra Pathak, IIT Kharagpur, Kharagpur

Honorary Jt Secretary Ranajit Talapatra, Chief Manager (WS), CIL

Honorary Treasurer

Anil Kumar Karmakar, Former General Manager (Admin), CIL

Members

Virendra Kumar Arora, Chief Mentor (Coal), KCT & Bros	Dr Netai Chandra Dey, Professor, IIEST, Shibpur
Dr Jai Prakash Barnwal, Former Chief Scientist, RRL	Prof (Dr) Ganga Prasad Karmakar, Former Prof. IIT, Kharagpur
Prof (Dr) Ashis Bhattacharjee, Professor, IIT, Kharagpur	Tapas Kumar Nag, Former CMD, NCL
Anup Biswas, Former Deputy Director Genl., Mines Safety	Dr Abani Kanta Samantaray, General Manager (CV), CIL
Lab Kumar Bose, Former Executive Director, CIL	Prof Bhabesh Chandra Sarkar, Professor, IIT-ISM, Dhanbad
Smarajit Chakrabarti, Former CMD, ECL	Dr Kalyan Sen, Former Director, CIMFR
Akhilesh Choudhury, Former Deputy Director Genl., GSI	Anil Kumar Singh, Area General Manager (Lakhanpur), MCL
Prof (Dr) Sajal Dasgupta, VC, University of Engg & Mgmt	Dr Amalendu Sinha, Former Director, CSIR-CIMFR
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ANNUAL REPORT 2020-21

REPORT OF THE COUNCIL

The Council has the honour to present 115th Annual Report on the activities of the Institute for the year 2020-21 (April 2020 to March 2021). The whole period was beset with Covid-19 pandemic situation and a substantial part was under lockdown, when the office had to remain closed as per government orders. As a result, the normal day-to-day office work had to suffer. Most of the important meetings were conducted in virtual or in hybrid (physical and virtual) mode.

PROCEEDINGS OF THE 114TH ANNUAL GENERAL MEETING FOR THE YEAR 2019-20

The 114th Annual General Meeting of MGMI was held on 27th December 2020 at 11.30 hrs at MGMI (HQ) Office, Salt Lake, Kolkata-700 091 in hybrid (physical and virtual) mode.

The meeting was chaired by Shri Anil Kumar Jha, President, MGMI, who attended the meeting online. The office bearers and members, on and off the dais, who were physically present were S/Shri P M Prasad, R P Ritolia, R K Saha, J P Goenka, Rajiw Lochan, Anil K Karmakar, Ranajit Talapatra, Prasanta Roy, T K Nag, V K Arora, Prof (Dr) Khanindra Pathak. Members who joined the meeting online were S/Shri Prof S P Banerjee, Nirmal Chandra Jha, Dr N K Nanda, N N Gautam, Dr Amalendu Sinha, Smarajit Chakrabarti, J P Barnwal, Anup Biswas, Prof Bhabesh Chandra Sarkar, Prof G P Karmakar and Ranjit Datta.

At the beginning two minutes silence was observed to mourn for the departed souls of members who left us during last one year.

Shri Anil Kumar Jha, President, MGMI called the meeting to Order on confirmation of establishment of Quorum at 11.35 AM. President, MGMI welcomed all the members present in the meeting, mentioning that with the advancement of technology and prevailing pandemic situation the Annual General Meeting of MGMI could be organized in hybrid mode in association with Central Depository Services (India) Limited, CDSL.

The notice convening the 114th Annual General Meeting was read by the Hony. Secretary, Shri Rajiw Lochan. Minutes of the 113th Annual General Meeting was circulated to the members. In addition, CDSL also sent the (i) 114th AGM Notice and (ii) Annual Report 2019-20 to the members through email for compliance.

Hony Secretary presented the Actions taken on the 113th AGM Minutes. The minutes were confirmed by the house which was proposed by Shri V K Arora and seconded by Shri R P Ritolia.

Report on last year (2019-20) Audited Balance sheet was sent to the members through email, posted from MGMI office and by CDSL through email and uploaded on the Institute website. Salient points of the audit report was read out by the Treasurer and clarified by the Auditor. Hony. Secretary also informed about 8th AMC accomplishments. The audited report was adopted by the house unanimously and confirmed which was proposed by Shri Prasanta Roy and seconded by Shri R K Saha.

Proposal for Appointment of Auditor M/s. Jha & Jha Chartered Accountants Company for the Financial Year 2020-21 was proposed by Prof (Dr) Khanindra Pathak and seconded by Shri Prasanta Roy which was approved and adopted by the house unanimously.

Hony Secretary placed on record that in the 887th Council Meeting held on December 16, 2020 at MGMI (H.Q), Kolkata in hybrid mode, the Life Member of MGMI Shri P M Prasad, presently CMD, Central Coalfields Limited (a subsidiary of Coal India Ltd), had been elected unanimously as President for the year 2020-21 which was proposed by the Past President Shri R K Saha, Dr Amalendu Sinha and seconded by Vice President Shri P R Mandal, Past President Shri N C Jha and Anil Kr Karmakar. House was informed that Shri Rajiw Lochan will continue as Hony Secretary as he has been elected Secretary in 113th AGM for two years term.

Shri Anil Kumar Jha, President, MGMI then addressed the members on virtual platform for which link was provided with by Cisco Webex through CDSL to all members.

President expressed that he is proud to serve the esteemed organization for two terms. He thanked all members who helped him in smooth running of the organization. He said that in the first term he was extremely busy in his duties at Coal India Limited which was facing hard time, difficult situation to meet nation's demand at that time. However, the 8th Asian Mining Congress could be organized in a grand manner due to untiring efforts of organizing committee members. The second term impacted due to the current pandemic situation and he could not do much for MGMI.However as Past President he will extend all support to new President to bring more laurels to MGMI and bring it to new height with flying colours.

Shri Jha felt that 2021 is also going to be tough and requested members to give their best so that MGMI should prosper further and MGMI should become a self-dependent organization. It should be able to generate fund, through training programmes, workshops, seminars etc. as we are having experienced knowledgeable resource persons from all fields as knowledge bank. He expressed his confidenceand expressed that our new President, Shri P M Prasad, is a very dynamic and energetic person and under his leadership MGMI will prosper leaps and bounds.

He expressed that there are gaps between industry and academia and appealed to office-bearers, Council Members to endeavor to bridge the gap. He suggested that all efforts to be made to contribute towards development of mining, geology and metallurgy. In 9th Asian Mining Congress, all organizations, industries connected to these disciplines should be encouraged to participate actively.

He stressed that though exploration and mining in Coal Sector are of good standard, these are not so in cases of others minerals and metal ores mining. Here MGMI may contribute much towards their sustainable development to make us self-reliant. He also suggested efforts to be made to reduce of import of raw material, especially coal.

He expressed his special thanks to Prof S P Banerjee, Shri Rajiw Lochan for guidance and help in performing his duties as President, MGMI during his two years tenure. He thanked the Editorial Board, especially Prof Khanindra Pathak, for timely bringing out MGMI publications even during this pandemic time. He again thanked each and every member who helped him in running MGMI activities and wished MGMI a bright future.

New President Shri P M Prasad, was installed, welcomed and felicitated by the former Presidents and greeted by members present.

Shri P M Prasad addressed the members.He thanked each of them for electing him the President of this 114 years prestigious organization. He spoke on overall mining scenario of the country. He expressed his best wishes to MGMI fraternity and assured help in development of MGMI.

Hony Secretary further informed the house details about the MGMI Excellence Awards which will be effective from 2021-22. The Council at its 886thMeeting approved that the existing Awards to be consolidated to four coveted MGMI Excellence Awards which are:

- MGMI Award of Excellence for Coal Mining for outstanding contribution in Coal Mining Industry;
- MGMI Award of Excellence for Non-Coal Mining for outstanding contribution in Non-Coal Mining Industry;
- 3) MGMI Award of Excellence for Earth Sciences for outstanding contribution in any branch of Earth Science and Mineral Engineering, and
- 4) Best Technical Paper published in MGMI Transactions for every Calendar year.

He also appraised the house that the existing vacancies of Council members at present has been clubbed with coming year vacancies as approved by the Council considering constraints due to prevailing pandemic situation. Election of the Council members against the vacancies will be conducted accordingly.

In the open session, S/Shri V.K. Arora, R.P. Ritolia, J.P. Goenka, Prof K. Pathak, who were physically present and Prof S P Banerjee, N.C. Jha, Dr N.K. Nanda expressed their views on virtual platform in the meeting, thanked the Outgoing President and Welcomed the President and thanked the Hony Secretary for smooth running of the organization.

Council Member Shri V K Arora thanked Immediate Past President, Shri A K Jha, President and Shri P M Prasad, Members on the dais and the Members attending virtually. He said that the year 2020 was very tough year due to pandemic situation. Shri Anil Kumar Jha steered Coal Production of Coal India Ltd to higher level and at the same time managed to attend all the Meetings of MGMI to ensure smooth functioning and complemented Shri Jha for his extra ordinary managerial capability. He also complemented Shri Rajiw Lochan, Hony Secretary for his hard work and dedication and to keep the Members updated from time to time through e-mail and WhatsApp which is highly creditable and reflects his efficiency and traits of a master administrator. Other office bearers also did justice to their role. He congratulated Shri P M Prasad for his new role as President of MGMI and highlighted that the Year 2021 would be very active year and under his leadership MGMI will have to think of new ideas to generate revenue and improve the image MGMI.

Past President Shri R P Ritolia extended his heartfelt thanks to Shri Anil Kumar Jha and said that in the first year of his two years tenure he was serving as Chairman of Coal India Ltd and in spite of his busy schedule he managed to steer MGMI to new

heights and in his second year he along with the very active MGMI team worked so efficiently that everybody felt that the pandemic had no effect in the workingof MGMI. He also thanked Prof (Dr) Khanindra Pathak to improve and to bring about a sea change in the publication of MGMI News Journal and Transactions and to bring it at par with other International Journals. He welcomed Shri P M Prasad, President and wished that we all look forward for brighter days for MGMI under his leadership. He also complemented Shri Rajiw Lochan, Hony Secretary, bringing about the deistic improvement in communication to MGMI Members.

Vice President Shri J P Goenka thanked Shri Anil Kumar Jha for all his endeavors during the tenure of President of MGMI and welcomed Shri P M Prasad congratulating for his new role as President of MGMI. He suggested that the election of Council Members should also be planned in a way where members should participate in greater numbers to get more response on ballot even through post.

Editor Prof (Dr) Khanindra Pathak expressed his sincere thanks to Shri Anil Kumar Jha for his fabulous work as President of MGMI. He took pride in mentioning that MGMI successfully running 114thyear and welcomed the new President Shri P M Prasad and said that he has got very dynamic team members to assist him in his institute journey. He acknowledged and complemented the efforts and contributions of Associate Editor Dr Ajay Kumar Singh along with MrG Ghatak and Mr Joy Chakraborty and all other members of the Editorial Board in joining hands in giving a new shape to MGMI News Journal and Transactions. He suggested that MGMI need to be nominated as member in more Government Committees, become authentic organization and engage in industries-oriented activities, create a separate cell for consultancy and planning. He expressed his desire to get a book published by MGMI which will be a chronicle of century old past experiences and memories. MGMI should also think of meeting to discuss and provide with feedback and cater to the problems of the Mining and Mineral Industry in the country by using the expertise of our members who are most experienced knowledge bank.

Past President, Shri N C Jha extended his thanks to Shri Anil Kumar Jha for excellently managing MGMI as President in the same time also served the Chairman of Coal India Ltd. He expressed his desire that MGMI should think keeping separate fund for MGMI Excellence Awards. MGMI should also plan how to form different committees to take care of different aspects of functioning of MGMI and how we can involve the younger generation to take the institute to new heights in future. He wished all success to MGMI

under the leadership of Shri P M Prasad and firmly believe that he will steer MGMI to new dimensions in a befitting manner.

Past President, Dr N K Nanda congratulated the outgoing committee for their exemplary accomplishment and welcomed the incoming team under leadership of Shri P M Prasad. He requested to induct more members to the organization and make all efforts for the presence of institute at all corners.

Past President, Prof (Dr) SP Banerjee congratulated Shri Anil Kumar Jha for his sterling performance during his tenure as President of MGMI and especially during the tough pandemic time of COVID19. He mentioned that Shri P M Prasad is a rare fit for today and welcomed him and wished him all the best for his new role as President of MGMI. He said Shri P M Prasad is a very intelligent, humble and hard-working person. He suggested that MGMI should diverse from Coal to other areas also which need more attentions in the Mining and Mineral Sectors. MGMI should activate its Branches and work on the membership drive, work more actively to get good quality and standard papers for MGMI News Journal and Transactions. MGMI should also take the steps to get the required accreditations of National bodies. Shri Prasad and his dynamic team should take the necessary steps to organize the 9th Asian Mining Congress (9th AMC) where more Asian countries must participate and wished all the best to new team.

HEADQUARTERS ACTIVITIES

There were two Council Meetings held during the Sessions 114 and 115 : the CM 886th on 16th August, 2020 and CM 887th on 16th December 2020.

COUNCIL MEETING OF 114TH AND 115TH SESSIONS

HIGHLIGHTS OF 886TH COUNCIL MEETING

The 886thCouncil Meeting of MGMI held through Google Meet Virtual Platform VC on 16th August, 2020 at 11.00 a.m.

Shri Anil Kumar Jha, President, MGMI was in the Chair. The meeting was attended by Prof Banerjee S P, Prof Dhar B B, Dr Nanda N K, S/Shri Sharma R N, Jha N C, , Saha R K, Ritolia R P, Goenka J P, Mandal P R, Lochan Rajiw, Talapatra Ranajit, Karmakar Anil Kumar, Roy Prasanta , Arora V K, Barnwal J P, Bose L K, Biswas Anup , Chakrabarti Smarajit, Prof Bhattacharya Ashish, Prof Dey N C ,Prof Karmakar G P , Dr Pathak Khanindra, Dr Moitra A K, Nag T K, Prof Sarkar Bhabesh Ch, Dr Sen Kalyan, Dr Singh P K, Shri Singh Anil Kumar, Dr Sinha Amalendu, Shri Khuntia G S and Shri Kundu D K.

ANNUAL REPORT 2020-21

- The Minutes of the **885th** (1st meeting of the 114th Session) Meeting of the Council held on 28th December, 2019 at MGMI (H.Q). Kolkata was confirmed.
- The Council considered the Action Taken Report in respect of the Minutes of the **885th** Meeting of the Council held on 28th December, 2019 at MGMI (H.Q), Kolkata.
- Hony Secretary took pleasure in informing that M/s Central Mine Planning & Design Institute Limited (CMPDI) has become Life Corporate member of MGMI.
- Council discussed for organising the next Short Term Course on "Sustainability • Development in Mining considering Environmental Issues" and "New Legislation – CMR2017" here again almost same gueries were raised about the targeted audience and the Industries to whom we can approach for financial help. In this connection, Prof S P Banerjee, Prof B B Dhar, Dr Amalendu Sinha and Prof Bhabesh Ch Sarkar raised the similar queries regarding suitable subject for the Short Term Course and date schedule. On the subject, Dr Khanindra Pathak proposed that in each Short Term Course there may be 6-8 Sessions. He further added that courses "Exploration Techniques" and "Sustainability Development in Mining considering Environmental Issues" and "New Legislation – CMR2017" may be clubbed together and a combined Short Term Course may be organized with virtual training classes for which propagation would be required with the scope and objective of the Programme through a valued informative brochure which would be circulated amongst the relevant organizations because individual participants may not be interested.
- A Committee has been constituted with Prof S P Banerjee, Chairman, Prof B B Dhar, Co-Chairman, Dr Amalendu Sinha, Member, Dr Khanindra Pathak, Member and Prof Bhabesh Ch Sarkar, Member. Prof Banerjee proposed that a Kolkata based Council Member should be included in this Committee, preferably from Coal India Ltd. for better co-ordination.
- Hony Secretary assured that now MGMI will also organise Short Term Training Courses on Virtual platform and requested members to provide their input through email so that MGMI can prepare courses theme, topic, curriculum, and training format to prepare suitable circular / brochure for sponsorship. This assignment has been given to Dr Khanindra Pathak, Hony Editor and editorial committee members.

- 2nd Short Term Course cum Workshop "GEM 2020" was jointly organised by MGMI and CSIR-CIMFR, Dhanbad during January 20th to 25th, 2020, in Kolkata and Dhanbad.
- In view of the prevailing current pandemic situation i.e. COVID 19, the Council discussed the matter at length and felt that under the situation it wouldbe difficult to hold the 114th AGM in person in September 2020. Further, to organize AGM through Virtual platform 75% of total membership must have their Email IDs functional. It was also observed that most of members are elderly citizen and are not comfortable to attend the meeting through virtual link platform. Considering the unavoidable circumstances and unexpected situation due to COVID 19, the Council unanimously decided and resolved that the 114th AGM will be held on 20th December, 2020. This may be intimated to Registrar of Companies (ROC) immediately.
- While discussing on the forthcoming events of MGMI, it has been unanimously agreed by the Council that in view of pandemic, proposed Holland Memorial Lecture, MGMI President's Cup Golf Tournament, National Seminar and other events supposed to be held in 2020 where physical participation is required, will now be deferred to the next year i.e.; 2021.

Report & Recommendations of Award Criteria Committee on MGMI AWARDS

The Report & Recommendations of the Award Criteria Committee were circulated to all Council members. The Council accepted the report and the recommendations which will take effect from the year 2021-22 are as follows.

- Best Technical Paper Award published in MGMI Transactions: It was approved by the Council that the "MGMI Editorial Board" will prepare the norms, criteria and selection procedure and finalise it in consultation with Prof S P Banerjee for consideration and approval of the Council.
- Due to the effect of Covid -19 all over the country, the Council deliberated the issue at length and felt that it would not be possible to follow and conduct the Election process for the retiring Council Members (3 nos) completing their terms of 2017-20 within stipulated time before the forthcoming AGM, i.e. in September 2020. Accordingly, it was unanimously approved by the Council that these three vacancies will be merged with vacancies going to arise on completion of term of 2018-21. So, Board of Scrutineers, to conduct the Election of Council Members for the Year 2021-24 for nine vacancies, will be constituted accordingly.

The Council approved 19 Life Membership Applications, 01 Associate Membership Application and 01 Life CorporateMembership.

 Regarding CRIRSCO: Dr N K Nanda, Immediate Past President informed the Council that recently India, through NACRI, has become member of CRIRSCO (Committee for Mineral Reserves International Reporting Standards). Accordingly, formulation of Indian Mineral Industry Code (IMIC) is underway. Ministry of Mines (MoM), Gol has constituted a group for evolving a Government structure of mineral reporting standards and guidelines considering two international systems namely UNFC and CRIRSCO.

In this connection, Past President, Shri N C Jha, referred to the decision of the 112th AGM in 2018 on the Recommendations of the Special Committee formed to report on CRIRSCO wherein the Committee had recommended that MGMI should not opt for being a Registered Professional Organisation (RPO) under CRIRSCO, due to the various reasons stated in the Committee Report. The General Body had accepted the Recommendations of the said Committee and the matter was considered closed.

However, he expressed that since the matter was now under consideration of Ministry of Mines, Secretary, Ministry of Mines may be informed by the President, MGMI about the views of MGMI on CRIRSCO as early as possible. He further suggested that since Ministry of Coal does not appear to be involved in the matter as per the Office Order of Ministry of Mines, copy of the letter should also be sent to the Secretary, Ministry of Coal. Council agreed to the proposal and requested Shri N C Jha to help in drafting a suitable letter. The letter was sent to the Secretary, MOC.

HIGHLIGHTS OF 887TH COUNCIL MEETING

The 887th Council Meeting of MGMI held through Google Meet Virtual Platform on 16th December 2020 at 12.00 noon.

Shri Anil Kumar Jha, President, MGMI was in the Chair. The meeting was attended by Prof Banerjee S P, Prof Dhar B B, Dr Nanda N K, S/Shri Jha N C, Ritolia R P, Saha R K, Goenka J P, Mandal P R, Talapatra Ranajit, Karmakar Anil Kumar, Arora V K, Dr. Barnwal J P, Prof. Bhattacharya Ashish, Biswas Anup, Chakrabarti Smarajit, Prof Dasgupta Sajal, Prof Karmakar G P, Dr Samantaray A K, Prof Sarkar Bhabesh Ch, Dr Sinha Amalendu and Shri Lochan Rajiw.

- The Minutes of the 886th (2nd meeting of the 114th Session) Meeting of the Council held on 16th August, 2020 at 11.00 am through Google Meet Virtual Platform VC was confirmed.
- The Council considered the Action Taken Report in respect of the Minutes of 886th Council Meeting held on 16th August 2020.
- The Council decided that MGMI should go for a paid version of the Online Platform to be used for the Short Term Course.
- Council approved the Brochure drafted by Prof. Bhabesh Chandra Sarkar for the Course on Exploration Technique and suggested that a similar model to be followed and the other two courses (Sustainability Development in Mining Considering Environmental Issues and New Legislation CMR2017) as well.
- Approved guidelines for "**MGMI Awards of Excellence**" has been uploaded on MGMI Website which will be effective from next year onwards i.e. 2021-22.
- The Auditor's Report and Audited Accounts for the Financial year ended 31st March 2020, were placed before the Council for consideration. The Council gone through the Auditor's Report, Balance Sheet for 2019-20 and Income & Expenditure Report 2019-20 and approved after some clarification and adopted it for further needful.
- It was decided that 114th AGM of MGMI will be held on 27th December, 2020. Meeting will be hybrid i.e. (both in person and virtual attendance). MGMI has already approached CDSL for organising the AGM virtually following the guidelines at led down by ROC. AGM Notice has been uploaded in Website and circulated to all members by post and email
- The Council approved 04 Life Membership and 01 Student Associate Membership applications.
- Consulate of the Republic of Poland in Kolkata has approached MGMI to conduct the WEBINAR on any topic of National interest related to coal in the month of January 2021. The Council unanimously agreed to the proposal and consider it as commendable achievement of MGMI.
- The Steering Committee of Global Methane Initiative (GMI) agreed to make professional alliance with MGMI. The MGMI will be partner of GMI as a voluntary Body. The Council appreciated the proposal and considered as a very good move for MGMI.

Paper Meets and Editorial Board Meetings

Two Paper meets were held during the period under report.On 14th June 2020 six papers were presented by the authors in virtual mode. On 1st November 2020one paper was presented in virtual mode.

Editorial Board Meetings were conducted by Dr K Pathak in virtual mode on 10th July, 23rd August and 8th November 2020.

PUBLICATIONS

Transactions

MGMI Transactions, Vol 117 (April 2020-March 2021) has been under preparation.

News Journal

Four issues viz. Vol. 46 No 1 (April – June 2020), Vol. 46 No 2 (July – September 2020), Vol. 46 No 3 (October – December 2020) and Vol. 46 No 4 (January – March 2021) have been timely published and distributed.

LIBRARY

During the year about 50 Journals, periodicals, Bulletins, CD etc. have been added in the library. Selected publications both of the Institute and of other organizations have been re-arranged in the library shelf. Exchange relations during the year were reviewed.

FINANCIAL POSITION

The audited statement of account for the year 2020-21 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 subscription. The Annual subscription shall be payable in advance of the first day then commencing year.

MEMBERSHIP

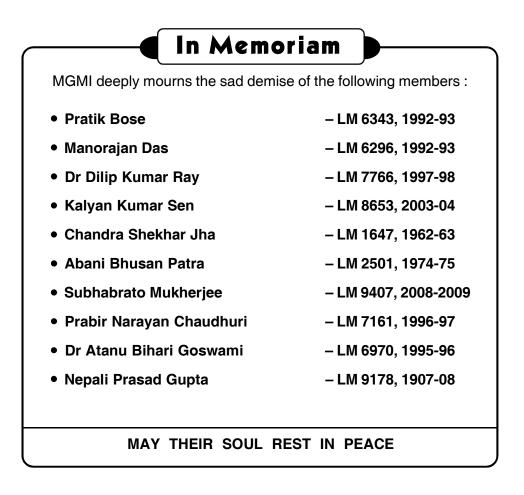
During the year under report 26 new members have been enrolled in different categories, which is not at all encouraging. Total number of members at the end of the period is 2929 (Life Members – 2566, Members – 265, Associate– 41, Student Associate – 7, Life Subscriber – 32, Subscriber – 1, Donor – 3, Patron – 4, Corporate – 8, Life Corporate – 2).

ACKNOWLEDGEMENT

Our efforts are on for various developments in line with the objective of MGMI. Your support and valuable suggestions would 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.

Rajiw Lochan Honorary Secretary For and on behalf of the Council, MGMI



AUDITED BALANCE SHEET

WITH

INCOME & EXPENDITURE ACCOUNTS

2020-2021

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SUDHIP KUMAR SEN,

B.Sc., FCA, DISA.

A-1/6, Golf Green, Phase 1, Kolkata-700 095, India Tel : (033) 2473 7449 / 9330948848 / 9836138093 email : sudhip@icai.org

AUDITOR'S REPORT

REPORT ON THE FINANCIAL STATEMENTS

We have audited the accompanying financial statements of The Mining, Geological & Metallurgical Institute of India, which comprise the Balance Sheet as at March 31, 2021, and the Statement of Income & Expenditure for the year then ended.

AUDITORS' RESPONSIBILITY

Our responsibility is to express an opinion on these financial statements based on our audit. We conducted our audit in accordance with the Standards on Auditing issued by the Institute of Chartered Accountants of India. Those Standards require that we comply with ethical requirements and plan and perform the audit to obtain reasonable assurance about whether the financial statements are free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. 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. In making those risk assessments, the auditor considers internal control relevant to the Company's preparation and fair presentation of the financial statements in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Company's internal control. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of the accounting estimates made by management, as well as evaluating the overall presentation of the financial statements. We believe that the audit evidence I have obtained is sufficient and appropriate to provide a basis for our audit opinion.

Opinion

In our opinion and to the best of our information and according to the explanations given to us, the aforesaid financial statements give a true and fair view in conformity with the accounting principles generally accepted in India:

- (a) In the case of the Balance Sheet, of the state of affairs of the Company as at March 31, 2021; and
- (b) In the case of the Statement of Income & Expenditure, of the Deficit of the Company for the year ended on that date;

For Jha & Jha Chartered Accountant FRN: 328888E

KV

Sudhip Kumar Sen, (M.No. 052858) Partner Dated this 7th August 2021 at Kolkata UDIN : 21052858AAAACG7798



	THE MINING, GEOL	(Incorporated as a (Sectior	
Previous Year	LIABILITIES	AMOUNT (Rs.)	AMOUNT (Rs.)
24,47,370.00	CAPITAL ACCOUNT Balance as per last A/c Add: Admission Fees from Members	24,60,970.00	
13,600.00	@300 @200 @400 x 11	4,400.00	24,65,370.00
63,06,497.65	RESERVE FUND Balance as per last A/c Added During the year	64,94,687.65	
1,88,190.00	(LM Subscription)	72,000.00	65,66,687.65
14,70,852.97	MGMI AWARD FUND Balance as per Schedule Annexed		15,14,844.97
25,000.00	STAFF RETIREMENT BENEFIT FUND Balance as per last A/c Added Contribution from MGMI Add. Interest on FD FD Matured (less retirement of T Dutta)	5,65,572.79 25,000.00 1,441.00	5,92,013.79
8,67,700.69 82,824.00	PROVIDENT FUND Balance as per last A/c Add Contribution Subscription Add Interest on FD TDS of Provident Fund (less retirement of T Dutta)	6,30,828.69 61,440.00 1,829.25	6,94,097.94
96,32,332.18	BUILDING FUND Balance as per last A/c		96,32,332.18
2,11,91,208.28			2,14,65,346.53

2,11,91,208.28

ANNUAL REPORT 2020-21

INSTITUTE OF INDIA

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

31ST	MARCH, 2021	

Previous Year	ASSETS	AMOUNT (Rs.)	AMOUNT (Rs.)
18,068.66	FURNITURE & FIXTURE Balance as per last A/c	16,261.79	
1,806.87	Add : During the year Less : Depreciation	1,626.18	14,635.61
20,500.00	FURNITURE Balance as per last A/c Add : During the year Less : Depreciation	50,255.53	45,229.97
	FURNITURE FITTINGS & ELECTRICAL EQUIPME Balance as per last A/c Add : During the year Less : Depreciation	NT 1,49,769.88 6,490.00 15,625.99	1,40,633.89
	XEROX MACHINE Balance as per last A/c Less : Depreciation	36,165.73 3,616.58	32,549.15
	AIR-CONDITIONING EQUIPMENT Balance as per last A/c Add : During the year Less : Depreciation	1,20,543.39	1,08,489.05
69.95	BI-CYCLE Balance as per last A/c Less : Deprecition	<u>62.95</u> 6.30	56.65
35,500.00	COMPUTER (RCP FUND) Balance as per last A/c Add : During the year Less : Depreciation	15,365.66 <u>9,219.40</u>	6,146.26
	LEASE HOLD LAND FOR BUILDING Balance as per last A/c	0,210110	1,25,149.20
2,56,000.00	MGMI LIFT During the Year		2,56,000.00
7,69,574.13		HARRO	7,28,889.78
	C/O		(Contd.)
ANNUAL REPO	DRT 2020-21		19

THE MINING, GEOLOGICAL & METALLURGICAL

(Incorporated as a Company under (Section 25 of the Indian

BALANCE SHEET AS ON

Previous Year	LIABILITIES	AMOUNT (Rs.)	AMOUNT (Rs.)
2,11,91,208.28	BF		2,14,65,346.53
	SCIENTIFIC RESEARCH ACTIVITIES PROJECT	FUND:	
52,07,690.25	Balance as per last A/c IMICA SEMINAR 2015	55,13,997.25	
4,71,970.00	Interest on FD 7th AMC 2017	2,51,530.00	
5,63,000.00	MES Seminar 2018 Short Term Course Fixed Deposit Matured Goods Service Tax		
		57,65,527.25	
	Less : Expenditure during the year		
	Honorarium To Staff(IMICA) Library Expenses MES Seminar 2018	1,239.00	
4.61.505.00	Printing of Publication RCP Staff Salary	91,600.00	
3,000.00	Bank charges Printing & Stationary	1,154.22	
712.00	Postage & Telegram Travelling Expenses TDS	280.00 24,299.00	
			56,46,955.03
300.00	SUBSCRIPTION ADVANCE: Balance as per last A/c		3,000.00
12,82,347.00	CENTENARY CELEBRATION ACCOUNT Balance as per last A/c		12,82,347.00
	LOAN FROM RCP ACCOUNT Balance as per last A/c		
	LOAN FROM RCP A/C		
5,36,220.00	Balance as per last A/c		5,36,220.00
2,85,24,072.53			2,89,33,868.56
20		ANNUAL I	REPORT 2020-21

INSTITUTE OF INDIA

Section 25 of the Indian Companies Act, 1883) Companies Act, 1956) **31ST MARCH, 2021**

Previous Year	ASSETS	AMOUNT (Rs.)	AMOUNT (Rs.)
7,69,574.13	BF		7,28,889.78
	BUILDING AT SALT LAKE		
29,36,561.00	Balance as per last A/c	27,89,733.00	
	Less : Depreciation	1,39,486.00	26,50,247.00
	Add : During the year		
	SECURITY DEPOSIT FOR BUILDING		
25,165.00	Balance as per last A/c		25,165.00
	STAFF RETIREMENT BENEFIT FUND INVESTME	ENT	
5,19,532.00	On FD A/c.	5,38,894.00	
39,231.79	On SB A/c.	46,310.79	5,85,204.79
	BUILDING FUND INVESTMENT		
1,89,205.83	On SB A/c.		1,89,205.83
	FIXED DEPOSIT		
1,50,29,794.00	Balance as per last A/c	1,79,68,979.00	
1,05,00,000.00	Add ;During the year	71,00,000.00	
75,60,815.00	Less withdrawl	40,00,808.00	2,10,68,171.00
	PROVIDENT FUND INVESTMENT		
5,36,045.00	On FD A/c.	5,66,806.00	
48,527.19	On SB A/c.	81,035.44	6,47,841.44
	SECURITY DEPOSIT FOR ELECTRICITY		
14,400.00	Balance as per last A/c		14,400.00
	CURRENT ASSESTS LOANS & ADVANC	E	
64,830.00	(On secured considered goods)	64,830.00	
	Advance Receivable in cash or in kind		
	or value to be received.) (Less recovered)	10,000.00	54,830.00
	TUBEWELL		
1,13,995.00	Balance as per last A/c		1,13,995.00
	TAX DEDUCTED AT SOURCE		
4,81,386.75		3,29,431.75	
	TDS ON OTHERS	42,080.00	
2,15,895.00	TDS ON FD	1,83,165.00	
	Sales Tax	1,880.59	
6,11,850.00	Less TDS Refund	12,04,130.00	
	MGMI AWARD FUND INVESTMENT		
	Fixed Deposit with		
14,52,383.00	(SBI, Salt Lake)	14,52,383.00	
56,173.11	SB A/c. with SBI	1,00,165.11	15,52,548.11
2,49,19,086.39			2,76,30,497.95
	C/O		(Contd.)
ANNUAL REPO)BT 2020-21		21

THE MINING, GEOLOGICAL & METALLURGICAL

(Incorporated as a Company under (Section 25 of the Indian BALANCE SHEET AS ON

Previous Year LIABILITIES		AMOUNT (Rs.)	AMOUNT (Rs.)
2,85,24,072.53 BF			2,89,33,868.56
	LIABILITIES FOR EXPENSES		
36,000.00	Loan from RCP Petty Cash		57,840.00
29,840.00	Add during the year		
8,000.00	Less Recover by MGMI		
3,00,000.00	Security Deposit as per last A/c.		
3,00,000.00	Add during the year		6,00,000.00
	Received from RCPA/C.		
5,97,579.00	As per last A/c.		5,97,579.00
	Payable for TDS Deposit		
5,000.00	As per last A/c.		5,000.00
7,60,600.00	Amount Receible from 3rd & 7th AMC		
27,50,000.00	on A/c of reimbursement of expenses		35,10,600.00
	Goods Service Tax		
2,45,294.00	Liabilities for Expenses		
34,79,552.63	Excess of Income for Expenses	34,79,552.63	
	Less : Excess of Exp. Over Income	11,18,746.66	23,60,805.97
	TDS Refund	12,04,130.00	
	Less : TDS during the year	5,56,557.34	6,47,572.66

3,70,19,938.16

Date : 07.07.2021

Place : Kolkata

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Rajiw Lochan Hony. Secretary, MGMI DIN No: 08341256

3,67,13,266.19

RTalopalia

Ranajit Talapatra Hony. Jt. Secretary, MGMI DIN No: 09038653

ANNUAL REPORT 2020-21

INSTITUTE OF INDIA

Section 25 of the Indian Companies Act, 1883) Companies Act, 1956) 31ST MARCH, 2021

Previous Year	ASSETS	AMOUNT (Rs.)	AMOUNT (Rs.)
2,49,19,086.39			2,76,30,497.95
	EXCESS OF EXPENDITURE OVER INCO	ME	
	Balance as per last Account		
	Less profit during the year		
19,425.00	Fax Machine (RCP Fund) during the year		19,425.00
	SCIENTIFIC RESEARCH ACTIVITIES INV		
	FD with SBI Salt Lake	46,12,928.00	
, ,	C.D.A/c. with SBI "	11,82,516.52	
28,780.77	Petty Cash	27,333.77	58,22,778.29
	ADMINISTRATIVE OVERHEAD CHARGES		
	Receivable from RCP & CC	5,83,831.00	
1,13,293.00	Amount Receivable from TAFCON	1,13,293.00	6,97,124.00
0.07.040.00	RECEIVABLE FROM RCP A/C.		0.07.040.00
8,67,240.00	Balance as per last A/c.		8,67,240.00
4 000 00	MOBILE PHONE (MGMI)		4 000 00
4,090.00	During the year		4,090.00
4 4 4 2 5 0 0 0		4 4 4 250 00	
	Freeze & T.V.	1,14,350.00	
77,845.00 1,10,286.00	Misc. Assests	77,845.00 1,10,286.00	
	Kitchen Materials	50,840.00	
	Bedding Materials	72,340.00	
11,580.00	Washing Machine	11,580.00	4,37,241.00
11,000.00	Purchase of Projector	11,000.00	4,07,241.00
36,640.00	During the year		36,640.00
00,010.00	MGMI Sound System		00,010.00
2,04,010.00	During the year		2,04,010.00
_,,	CASH & BANK BALANCE		_,,
4,02,457.19	SBI, Salt Lake C.D A/c.	2,25,108.74	
	SBI,Park St. C.D. A/c.	30,510.00	
13,509.21	Cash with Hony. Secy.	326.21	
1,85,110.00	SBI Consultency A/c.	1,85,110.00	4,41,054.95
	President's Golf A/c.	<u> </u>	
5,47,950.00	"Receivable from PF & Staff		
	Retirement Fund during the year "		5,47,950.00
	Foreign Contribution Regulation Act 2010	SB A/C	5,215.00
3,70,19,938.16	-	1 1 1 1 1	, 3,67,13,266.19
-,,,	. Signed in terms of our report attache	4 pm	
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Anil Kr. Ka	Irmakar P. M. Prasad	📲 🔰 Jha & Jha	
Hony. Treasu	8 (X)	M.No. 05285 Chartered Accou	
DIN NO: 08		FRN : 328888	
ANNUAL REPO	DRT 2020-21		23

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.)	
8,23,066.00	To Establishment		13,18,105.00	
3,49,029.00	" Printing & Stationery			
81,638.04	" General Charges		1,56,467.00 38,629.58	
2,00,560.00	" Postage & Telegram		1,22,869.00	
72,573.00	" Bonus to Staff		68,776.00	
4,07,778.00	" Meeting Expenses		96,848.00	
1,87,222.00	" Servicing & Repairing		1,41,789.00	
41,412.00	" Contribution to P. F A/c		30,720.00	
25,000.00	" Contribution to Staff Retirement Fund		25,000.00	
57,388.00	" Staff Welfare		49,477.00	
12,000.00	" Audit Fee s		15,000.00	
2,70,417.00	" Electricity Charges		1,21,384.00	
3,65,488.00	" Travelling & Conveyance		68,536.00	
3,16,116.00	"Security Service Charges		2,81,248.00	
26,802.00	" Telephone Charges		19,875.00	
95,320.00	" Municipal Tax		95,320.00	
1,000.00	" Filling Fees		12,353.00	
65,161.00	" Professional Fees		24,094.00	
232,830.00	" Golf Tournament			
62,787.00	" Communication Expenses		41,549.00	
41,035.00	" Water Tax (Nabadiganta)		48,202.00	
9,75,414.00	Printing of Publication		4,99,959.00	
71,757.00	Council Election Expenses			
4,72,240.00	Transit House Expenses		4,74,760.00	
5,535.00	Gardening Expenses		3,785.00	
14,000.00	Puja Boksish			
13,29,251.00	Goods Service Tax (GST)		12,000.00	
1,37,455.00	MES'18 Seminar		3,03,572.00	
3,64,257.00	Short Term Course		1,90,842.00	
61,24,263.00	8th AMC			
21,961.00	Medals Cost			
1,239.00	Library Expenses		8,260.00	
	Accrued Interest		1,56,811.00	
12,040.00	Photograph Expenses (8th AMC & STC)			
2,25,540.00	Leave Encashment (T Dutta)			
1,34,89,574.04	-		44,26,230.58	
	-		<u> </u>	

24

	THE MINING, GEOLOGICAL & METALLURGIC	AL INSTITUTE OF IND	AIA
Companies Ac	he Indian Companies Act, 1883)		
Previous Year	INCOME	AMOUNT (Rs.)	AMOUNT (Rs.)
1,500.00	By Subscribtion from Members @300 X 5 @200		
4,000.00	@500 x 15 @1500 x 4 @5000	7,500.00	
50,000,00	@20000 x 1	20,000.00	
50,000.00	@50000 x1	50,000.00	
4,00,000.00	@100000 x 9 @400 @ 50	9,00,000.00	9,77,500.00
14,55,500.00	Donner Subscriber		-, ,
	"Advance Subscription		300.00
	" Membership Certificate Fees		660.00
6,278.00	" Sale of publication		
2,07,500.00	"Advertisement		
11,05,868.00	" Interest on F.D.		18,29,837.00
59,087.07	" Dividend on Units		37,987.27
1,71,480.00	" Transit House Income		58,180.00
11,00,000.00	" Licence Fee		
1,16,386.00	7th Asian Mining Congress'18 (closed)		
3,94,500.00	Golf Tournament		
11,800.00	MES'18 Seminar		
4,40,000.00	Short Term Course		3,87,750.00
1,001,705.00	Goods Service Tax		1,11,930.00
1,29,75,900.00	8th Asian Mining Congress'19		90,000.00
44,219.83	Misc Receipts		
	Excess of Expenditure over Income		
53,60,900.65	x JHAAA		1,90,94,183.90
00,00,000.00			1,30,34,103.30

C/O ANNUAL REPORT 2020-21

25

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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.)
1,34,89,574.04	BF		44,26,230.58
	"Depreciation		
1,806.87	"Furniture & Fixture	1,626.18	
5,583.95	"Furniture	5,025.56	
16,641.10	"Furniture fittings & Elec. Equipment	15,625.99	
4,018.42	"Xerox Machine	3,616.58	
13,393.71	"Air Conditioning Equipment	12,054.34	
7.00	"Bicycle	6.30	
23,048.50	"Computer	9,219.40	
1,46,828.00	"Building	1,39,486.00	1,86,660.35
64,16,114.43	-		1,90,94,183.90
	Excess of Income Over Expenditure		
53,93,282.31	as per last Account	34,79,552.63	
	Less Excess of Expenditure over Income		
19,13,729.68	during the year		

34,79,552.63

11,18,746.66

Date : 07.07.2021 Place : Kolkata

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Rajiw Lochan

Hony. Secretary, MGMI

DIN No: 08341256

RTalopalia

Ranajit Talapatra Hony. Jt. Secretary, MGMI DIN No: 09038653

ANNUAL REPORT 2020-21

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

Section 25 of the Indian Companies Act, 1883) (Section 25 of the Indian FOR THE YEAR ENDED 31ST MARCH, 2021

Previous Year	INCOME	AMOUNT (Rs.)	AMOUNT (Rs.)
53,60,900.65	BF		1,90,94,183.90
10,55,213.78	Excess of Expenditure Over Income		
64,16,114.43	-		1,90,94,183.90
19,13,729.69	Excess of Income over Expenditure transfer to Balance sheet		34,79,552.63

64,16,114.43

1,90,94,183.90

Signed in terms of our report of such date

Soul

Anil Kr. Karmakar Hony. Treasurer, MGMI DIN NO: 08553909 P. M. Prasad President, MGMI DIN NO: 08073913



Sudhip Kr. Sen Chartered Accountant Jha & Jha M.No. 052858 Chartered Accountant FRN: 328888E

ANNUAL REPORT 2020-21

MGMI AWARD FUND INVESTMENT

SI. No.	Name of the Fund		Amount
1	Chretian Mica Gold Medal		3,090.82
2	Dewan Bahadur DD Thacker Coal Mining (Gold) M	ledal 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 Se	cience Award	5,00,000.00
			14,05,676.97
	Less : Expenses incurred		
	As per last A/c.	6,02,693.37	
	Add : During the year		6,02,693.37
	Including administrative Overhead Rs.		8,02,983.60
	Add : Interest on F.D. & SB Account		
	As per last A/c.	6,67,869.37	
	Add : During the year	43,992.00	7,11,861.37
Date : 07.07.2021		15,14,844.97	
Place : k			
UDIN :2	20052858AAAAES6590		
30		ANNUAL R	EPORT 2020-21

