



NEWSLETTER

Mining Engineers' Association of India

Rajasthan Chapter - Udaipur

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- ⇒ RSPCL, a subsidiary of RSMML has been formed for development of Oil & Petroleum sector in Rajasthan.
- ⇒ RSGL, a JV company with GAIL (India) Ltd. has been formed for developing City Gas Distribution network in Rajasthan.



CORPORATE OFFICE

4, Meera Marg, Udaipur - 313 004, Tel. : +91-294-2428763-67, Fax : +91-294-2428770, 2428739, e-mail: info.rsmml@rajasthan.gov.in

REGISTERED OFFICE

C-89/90, Janpath, Lal Kothi Scheme, Jaipur - 302 015, Tel. : 0141-2743734, Fax : 0141-2743735

Visit us at www.rsmm.com

MEAI, Rajasthan Chapter – Udaipur

110-111, Indraprasth Complex, 4th Floor, Delhigate- Shastri Circle Road, Udaipur - 313 001 (Raj.)



NEWSLETTER

Mining Engineers' Association of India

Rajasthan Chapter - Udaipur

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4	JK Cement Ltd.	LIM-58
5	Khetan Business Corporation Pvt. Ltd.	LIM-79
6	Maruti Granite & Marble Pvt. Ltd.	LIM-50
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Ph. : 0294- 2410709 Email : meaiudr.chapter@gmail.com

CHAIRMAN'S MESSAGE



MS Paliwal
Chairman

Dear Colleagues,
Greetings.

This year is Silver Jubilee Year of the Chapter. The 25 year journey of the Chapter has been very active, fascinating and a rewarding experience in its growth and taking forward the MEAI agenda of mining related issues by way of organizing a host of technical, environmental and social events over the years. The membership profile of chapter today includes a high order amalgamation of technocrats, administrators, academia, industrialists, institutions and students. The Chapter also had distinction of giving two National Presidents of MEAI.

We had a remarkable member presence at AGM. We are overwhelmed by the grand success of the national seminar held recently. This year, in addition to usual technical activities, we also plan to involve family participation in selected events and look forward to receive active cooperation of all the members.

Wish you and your family a very happy festive season ahead.

– MS Paliwal

EDITORIAL



NK Kavdia
Editor

The state government is taking rigorous measures to curb illegal mining and it must be appreciated. During last two months, an integrated move involving DMG, Police and Forest department officials against illegal miners is reported to have recovered ₹ 11.5 as penalty, around 750 FIRs were lodged and 456 people were imprisoned. Additionally, 71 heavy earth machineries/tools and 2,136 vehicles were also seized.

It is to be recalled that the issue of illegal mining was earlier heard by the Supreme Court on 11 Nov 2021 which lifted ban on sand mining in Rajasthan - imposed in 2017 - and had allowed licensed mining of riverbed sand. Recently, the Supreme Court on May 2022 has further directed the State government to take stringent measures to stop illegal mining of bajri as well as transportation.

The mushrooming of illegal mining activity, including for bajari, is a big concern. The illegal miners and violators are not mining professionals, their motto is only to make money. This mafia has no respect for the environment and society which makes a bad name for mining. They are making scattered pits and bits of pits on ground and many a times complete slaying of geography and aesthetic natural beauty. Additionally, their activities are more pronounced around the holidays. They try to escape during the seizure operations and often attack the officials and common public and hit them overrunning by vehicles resulting in accidents and loss of lives. As per some unconfirmed reports, 250 cases of attacks on police and officials have been recorded during last 3-4 years which has also resulted into few deaths. Thus punitive measure and actions by the government is a must.

This is the time that technology must be used to identify pockets of illegal mining activities, for example by superposition of legal mining areas on satellite maps. The disturb areas other than granted areas can then be demarcated and kept on radar for action. Even such areas can be prioritized for a legal grant as per prevailing rules to curb illegal mining activities.

– Editor

Ministry of Mines

Rashtriya Khanij Vikas Puraskar

In order to incentivize the States who take initiative in exploration, auction and operationalisation of mineral blocks, MoM has instituted a National level award scheme viz., Rashtriya Khanij Vikas Puraskar in three categories of minerals. The award money is ₹ 3 cr, ₹ 2 cr, and ₹ 1 cr for 1st, 2nd and 3rd positions respectively in each category. Award for the year 2019-20 & 2020-21 have been given during the 6th National Conclave on Mines & Minerals held on 12.07.2022. A total of ₹18 Cr has been given as award money to different States.

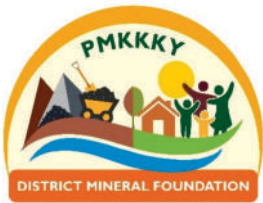
Further, in order to encourage the States to auction mineral blocks, following incentives are provided:

1. ₹20 lakh to those States where potential mineral blocks are available for auction.
2. ₹20 lakh for each successful auction of mineral block conducted by the State Government.
3. Reimbursement of 50% of Transaction Advisor fee for conducting auction subject to a maximum of ₹5 Lakh for each block which was put up for auction but could not be successfully auctioned.

A total of ₹ 21.02 Cr has been released to States in the above categories during 6th National Conclave on Mines & Minerals.

(Source: MoM, 27 July 2022)

5 Year Perspective Plan of DMF Funds



Vide order Dated 24th June 2022, the Central Government has directed the States and Union territories to incorporate the following in the rules regulating the utilization of funds for implementation of works using DMF funds:

1. Conduct a baseline survey for perspective plan formulation under PMKKKY for the district
2. DMF to prepare a strategy to address the gaps taking into account current balance and likely accrual over 5 years. The 5 year perspective plan shall be disaggregated in to year-wise action plans
3. The 5 year perspective plan to have all separate sections on all priority sectors like drinking water, health, education, welfare of women and children etc. and other sectors like roads, irrigation etc.
4. The 5 year perspective plan shall be approved by the GB of DMF and displayed on the website of the DMF
5. The annual plans of the DMF to be approved by GB shall be based on the 5 year perspective plan and success achieved in previous years. However, annual plans may include expenditures considered urgent in nature.

Suggestions for Amendment in the PMKKKY

MoM has further proposed for public consultation for amendment in the PMKKKY guidelines for effective utilization of DMF Funds in the districts affected by mining related operation vide notice dated 12th August 2022. Comments/suggestions to be submitted by 16th Sept 2022.

Suggestions for ASP on Metallurgical Grade Bauxite

MoM has invited comments/suggestions by 16th Aug 2022 from the general public and other stake holders regarding change in conversion factor for calculation of ASP for Metallurgical Grade Bauxite vide notice dated 15th July 2022. The proposal is to revise the present conversion factor of 6.4 to 4.23%.

Suggestions on Utilization of Low and Lean Grade Iron Ore

Vide notice dated 12th August 2022, MoM has invited comments/suggestions from the mining industry associations and concerned companies on the issue of Utilization of Low and Lean Grade Iron Ore Resources in the Country. The proposal is to mandate eighty percent (80%) of the total mineral produced in a year by the holder of a mining lease, which is below fifty-eight percent (58%) Fe grade; to be upgraded through beneficiation to produce beneficiated ore of sixty-two percent (62%) Fe grade and above. Comments /suggestions to be submitted by 31st Aug 2022.

Rajasthan Minor Mineral Concession Rules

Rajasthan Minor Mineral Concession (Second Amendment) Rules, 2022 were notified on 16.08.2022.

The main amendments are summarized below :

1. **Minimum area** : for Bajari 5 ha; other minor minerals 1 ha
2. **Strip of land** : The area adjoining to any mining lease which is not a gap area and less than 1.00 hectare shall be granted as strip of land and shall be added in the adjoining existing mining lease on an application submitted by the lessee to the concerned Mining Engineer or Assistant Mining Engineer. The existing lessee in whose lease area, strip of land is to be added shall have to pay one time premium equivalent to fifteen times of dead rent of the area to be added as per schedule III.

where such area is owned by private person, registered consent of the khatedar shall have to be submitted by the lessee before grant of such area.

The area adjoining to any quarry licence which is not a gap area and less than 0.18 hectare shall be granted as strip of land **and shall be added in the adjoining existing quarry licence on**



an application submitted by the lessee to the concerned Mining Engineer or Assistant Mining Engineer. The existing lessee in whose lease area, strip of land is to be added shall have to pay one time premium equivalent to fifteen times of annual licence fee of the area to be added.

where such area is owned by private person, registered consent of the khatedar shall have to be submitted by the lessee before grant of such area

3. Mining Lease Time Period Extension: The period of existing mining leases other than the leases of bajri (in river sand and in khatedari land except Bikaner district) may be further extended upto 31st March, 2040 subject to following conditions:-

- (i) An online application for extension of mining lease period shall be submitted to the Mining Engineer or Assistant Mining Engineer concerned with a non refundable fee of rupees ten thousand;
- (ii) Lessee has not carried out any illegal mining activities during last three years or the case is compounded;
- (iii) The dead rent of the mining lease for extended period shall be as per Schedule III: Provided that the dead rent so calculated shall not exceed twice the existing dead rent and if exceed, shall be limited to the extent of twice of the existing dead rent; (iv) Advance payment of premium amount at the rate of annual dead rent of the area as per clause
- (iv) for each year of extension or part thereof sought by the lessee; and (v) The competent authority for disposal of application for extension of mining lease period shall be same as provided in rule 16.”

4. Quarry licences Time Period Extension : The period of existing quarry licences may be further extended upto 31st March, 2040 subject to following conditions:-

- (i) An online application for extension of quarry licence period shall be submitted to the Mining Engineer or Assistant Mining Engineer concerned with a non refundable fee of rupees three thousand;
- (ii) Licencee has not carried out any illegal mining activities during last three years or the case is compounded;
- (iii) Advance payment of premium amount at the rate of annual licence fee for each year of extension or part thereof sought by the licencee; and
- (iv) The applications for extension of quarry licence period shall be disposed of by Mining Engineer or Assistant Mining Engineer concerned.”

5. Lease Execution before grant of Environment Clearance:

If the applicant for Mining Lease in Khatedari land or successful bidder in e auction, as the case may be, complies with the conditions of letter of intent within the stipulated or extended period of time, the mining lease shall be granted by the competent authority with the condition that the lessee shall commence mining operations after obtaining

- Minimum area revised – for Bajari 5 ha; other minor minerals 1 ha
- Period of ML/Quarry Licenses extended from March 31, 2025 to March 31, 2040, subject to payment of a certain premium
- Premium on transfer of ML/License reduced subject to payment of 1 time premium @ 5 times annual dead rent/annual licence fee (Max. ₹ 5 lakh)
- Quarterly online return filing against earlier monthly
- Allocation of the land available near the ML/Quarry Licenses permitted to the lessee/licensee up to a certain area on payment of the prescribed premium
- Registration of mines permitted without environmental permission, but mining to be only after obtaining environmental permission

environment clearance: Provided that in the cases where letter of intent has been issued before commencement of the Rajasthan Minor Mineral Concession (Second Amendment) Rules, 2022 (16.08.2022) with the condition to submit environment clearance, mining lease shall be granted with above condition after deposition of late fees at the rate of ten percent of annual dead rent for delay of every month or part thereof

In case of quarry licence where letter of intent has been issued before commencement of the Rajasthan Minor Mineral Concession (Second Amendment) Rules, 2022 with the condition to submit environment clearance, quarry licence shall be granted with above condition after deposition of late fees at the rate of ten percent of annual licence fee for delay of every month or part thereof.

where mining lease is granted with the condition that the lessee shall commence mining operations after obtaining environment clearance, in such case dead rent shall be payable after commencement of mining operations or one year from the date of registration of lease deed, whichever is earlier

6. Premium of Mining Lease Transfer is reduced: Transfer of lease or licence shall be permitted subject to payment of one time premium at the rate of five times of annual dead rent or annual licence fee with maximum of rupees five lacs before the execution of transfer agreement. Earlier it was ten times of annual dead rent or annual licence fee with maximum of rupees ten lacs.

7. Online return and Penalty reduction: The lessee shall furnish quarterly online return in the FORM-15 by the 15th day of the following quarter and online annual return in FORM-16 within three month from the date of expiry of the financial year, if the lessee fails to submit online quarterly returns or annual return within the specified time above, same may be submitted on payment of late fee at the rate of rupees five hundred per month of delay, subject to maximum of rupees five thousand. Earlier it was rupees five hundred per day of delay, subject to maximum of rupees fifty thousand an retrn have to file on monthly basis.



The three day National Seminar & Exhibition on "Role of Innovation and Technology in Turnaround of Mining Industry" was organized in association with HZL from 26th to 28th August, 2022 in the city of lakes at Orbit Resort, Udaipur. The architecture of the seminar theme derives from the thinking of Patron Sh Akhilesh Joshi on the technicalities in extant challenges of mining. The proceedings of the Seminar were meticulously articulated by Patron Sh Arun Kothari, Past National President MEAI. The other senior members, especially Prof SS Rathore, Ex Chairman MEAI – Udaipur Chapter and Patron Sh RP Gupta, Past National President MEAI, provided crucial inputs and fine tuning for the event.

Pre-Seminar Press Conference

Prior to Seminar, a Press Conference was organized by the MEAI Udaipur Chapter on 24th August. Sh Arun Kothari, briefed the media on the importance of this event and roll down of activities proposed to be held during the Seminar and also the expected joining of key government officials, mining policy makers, industry leaders and technical experts engaged in mining from across the world. Shri Kothari explained to the media on significance of mining and its role in building the national economy and in upholding the environment. Mineral industry in India provides direct and indirect employment to over 7 lakh people. Country produces about 100 minerals which not only generate foreign exchange but also supply raw material to the industries at domestic front. The seminar topic emphasizes the need of innovations and technology to foster the growth of mineral industry in a more positive manner and thereby the national economy. The seminar will provide opportunity to discuss various aspects related to augmentation of new mineral resources/discoveries, technologies to mine deep seated deposits, improvement in mineral recoveries, gainful utilization of waste, feasibility of operations and cost optimization and safety related issues.

Sh SK Vashisth highlighted the modern technologies in vogue at HZL resulting in spectacular achievements of mineral output in an environment friendly manner. Prof. SS Rathore explained to the media about the current use of technologies in marble mining resulting in significant reduction in waste generation. The MEAI urged the media to promote and cultivate the beautiful part of mining amongst the masses, especially what this Seminar is aiming at, and also that mining is responsible in preserving the environment and societal wellbeing at large.



MEAI Council Meeting

The 5th Council Meeting and Extra Ordinary General Meeting (EGM) was held under the chairmanship of Sh K Madhusudhana, President, MEAI. The Udaipur team welcomed the Council members coming from different parts of India in a traditional Rajasthani touch – 'Padharo Mhare Desh'. The guests were welcomed by *Kumkum tilak* and offered with *Uparna* (symbolizing always joyful) and the *Pagdi* (signifying splendor of Mewar).



26 की सुहानी शाम हुई आगाज़े सेमीनार ।
झीलों की नगरी उदयपुर हुई सरोबार ।
27 को खनन तकनीक का हुआ नवाचार ।
28 को हुआ नये विचारों का मन्थन ।
अभिनन्दन ! अभिनन्दन !!

- सैयद मकदुल अहमद



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 Volvo
 The Ridge
 LSC Infratech
 K White Granite
 Safe Mintech Solution
 MECL Nagpur
 RSMML Pvt Ltd. Udaipur
 DMFT, Rajsamand

Exhibition

On this occasion, an exhibition showcasing certain innovative and precision usage and advanced technologies was displayed, possibly for the first time in this mineral rich region. The displays consisted high tech tyres for HEMM, digitalization techniques, subsurface automation, drone and also green energy applications in mining. Minerals, decorative stones, finished mineral products and rock-tile exhibits were other attractions. A pictorial demonstration of heritage zinc smelting technology and retorts from Zawar were significantly admired and also curiously viewed by the visitors. This exhibition also underlined as to how mining activities can help generate employment opportunities and livelihood for the rural people proximal to mining operations. The DMFT stall highlighted various plans being implemented by the administration for the wellbeing of mining affected people. In all, the exhibition was well received by the visitors as a means of education and mining awareness.



Inauguration

The inaugural function was presided by the MEAI National President, Sh K Madhusudhana. Dr KB Pandya, Director, Department of Mines & Geology, GoR graced the occasion as the Chief Guest. The ceremony also had privilege of having Sh Pradeep Gawande, MD, RSMML and Sh Arun Misra, CEO, HZL as the Guests of Honour. Sh DB Sundraraman, Vice-President (Raw Material), Tata Steel Ltd was the keynote speaker in the inaugural ceremony. After a traditional floral welcome of the guests, blessings of Lord Ganesha were sought for the success of event by lighting of *diyas* followed by an enchanting Ganesh Vandana dance.

Sh Praveen Sharma, Seminar Organizing Secretary welcomed the dignitaries, invitees and mining fraternity and presented an overview of the seminar and exhibition. He said that over 400 participants have registered for the event and some 40 technical papers on various subjects will be readout during 5 technical sessions.

In his keynote speech, Sh DB Sundraraman narrated that the only tools for a sustainable mining are adoption of latest mining technology, digitalization and innovation. He added that production optimization, value chain optimization, work force transformation, asset performance management, DGPS, drone surveys, exploration and resource modeling, maintenance technology, high technology in blasting, reduction in carbon foot prints are vital to improve the industry's growth.

Sh Arun Misra stated that the two professions – viz. agriculture above ground and mining below ground are unambiguous to the mankind and that any investment in these by adoption of innovation and high technology can fast-track the economic growth of the country. Simultaneously, he also emphasized need of skill development and deployment of robotic technology in mining should go hand in hand. Sh Pradeep Gawande, explained his views in a poetic manner and stressed that for increasing the production of minerals, latest technologies would be game changer. The Chief Guest, Dr KB Pandya told that mining is a highly challenging job and that the mining policies should be so simplified that even the common public can easily understand it. Sh Rajendra Harlalka, MD, Khetan Business Corporation viewed the need for continuous efforts in achieving the perfection in mining.

In his presidential address, Sh K Madhusudhana, expressed his gratitude to MEAI, Rajasthan Chapter - Udaipur and HZL for jointly organizing the event. He emphasized on resource and skill development in mining industry and invited the mining houses to make ample use and services of MEAI for any support. He also requested to share their CSR activities with MEAI for inclusion in the MEJ, the official journal of MEAI. Sh Asif Mohmmad Ansari, Secretary, MEAI, Rajasthan Chapter-Udaipur extended the vote of thanks.



(L to R) Sh DB Sundraraman, Dr KB Pandya, Sh K Madhusudhana, Sh Pradeep Gawande, Sh Arun Misra & Sh Prveen Sharma



Inaugural Function : Ganesh Vandna Dance by Ms Papri Roy, Geologist, HZL.

Awards and Recognition

1. **Prof. Sushil Bhandari**, was honoured with the **MEAI Lifetime Achievement Award**.
2. **Deptt. of Mines & Geology, Rajasthan** for recognition as best department of mining from GoI [Dr KB Pandya, Director, DMG]
3. **Sh Priyansh Telreja**, HZL Best Student Award [Cash prize of ₹ 21,000/- and Certificate by MEAI].
4. **Sh Asutosh Keer**, MEAI Tata Bhupendra Singh Bhati Scholarship 2022, [Certificate and Cash prize of ₹15,000/-].

In addition, **HZL & RK Marble** were acknowledged and felicitated for their world class mining operations.



Felicitations of Prof. Sushil Bhandari



Priyansh Telreja

Asutosh Keer

Papers for the Seminar

A total of 48 technical papers were received from practicing experts of various organizations viz. MECL, IBM, HZL, Normet, Sandvik, MineExcellence – Melbourne, ACC - Udaipur; state DMG - Udaipur, EGCI - Udaipur, FMAR, IIT-BHU, NIT - Rourkela, MBM Engineering College - Jodhpur, Infosys, Eastern Coalfields Ltd., Tata Steel Ltd., SCMS (FIMI), Ministry of Labour & Employment – GoI, MineMagma – Bangalore and some independent consultants.



Release of Souvenir

500 Registrants

29 Partners

21 Organizations

18 Exhibitors

48 Tech Contributions

05 Tech Sessions

03 Keynotes

34 Presentations

Theme	# Papers
Exploration Technologies in Resource Industry	8
Best Practice Resource Modelling	2
Technologies in Geotechnical Modelling	6
Mine Digitalization, Automation, AI & Robotics	9
Innovative usage in D&B, Development, Ore Recovery, Mine planning	4
Technologies in Mineral Processing & Tailings Management	3
Innovations for Logistic Solutions in Mining & Cost Optimization	3
Human Engineering and Training & Skill Development in Mining Sector	2
Innovative applications in Environment, Health & Safety	3
Food Security	4
Green Energy	1
Reforms in Indian Mining Sector & Policies	4

Technical Sessions

The seminar proceedings were held in 5 Technical Sessions with a subject expert distinguished panel of Chairpersons.

Date	Session	Panel
27.08.2022	I	Chairman Prof. Sushil Bhandari, Ex Dean, MBM Engineering College, Jodhpur Co-Chairman Sh AK Garg, General Manger, GMDC
	II	Chairman Dr GK Pradhan, Dean AKS University, Satna (M.P.) Co-Chairman Dr SK Parihar, Council Member & Ex HOD & Professor, MBM Engineering College, Jodhpur
27.08.2022	III	Chairman Dr Ranjit Choudhary, Ex GGM, RSMML, Hon'ble Member FIMI Co-Chairman Sh Deepak Gupta, Chairman, MEAI Delhi Chapter
	IV	Chairman Sh LS Shekhawat, Head- Mining, Adani Enterprises Co-Chairman Prof. SC Jain, CTAE, Dept. of Mining Eng., Udaipur
28.08.2022	V	Chairman Anil Mathur, Chairman, MEAI Raj. Chapter Jaipur Co-Chairman Dr Anupam Bhatnagar, Professor & Head, Dept. of Mining Eng., CTAE Udaipur

Presentations

In all, 34 papers were presented. It was enthralling to note the high end technological usage in the current mining activities from various presenters.

The keynote address on the transformational journey to modern underground mining operations at HZL by Anthony de Veth sets new benchmarks in the Indian mining industry. Trigger action response plan vis-a-vis slope monitoring and numerical modeling and attempts for online-real-time slope stability monitoring with TDR, WSN, IoT, LoRa, Cloud/Fog computing etc. by Prof. Jayanthu (NIT, Rourkela) was a useful contribution for open-pit operations. Use of numerical



modelling in deciding LHOS Underhand (top-down) with paste fill for safe mining with better recovery was discussed in a paper by Sh Harish Gehlot. Sh DM Tripathi (Normet), highlighted the effective scaler utilization in underground hard rock mines for optimizing mining cycle and enhanced safety at face imminently. Sh Anshul Kumar presented the effectiveness of mine digitalization towards an improved health, safety, and environmental impact – saving lives, reducing injuries, lowering emissions and waste, and increasing transparency and sustainability. An example of automation in production drilling was made by Ms Sakshi Gupta. Sh Elamuragan discussed monitoring of micro-level stress re-distribution in deep mining at 800m depth. Sh Ravi Babel highlighted an advanced winder system training solution at Rampura Agucha Mine that combines 3D immersive virtual reality technology with industry-leading operator training simulation to create a collaborative learning environment for operators. Sh Ayan Giri discussed on quantifying the performance of resin bolts and its efficacies in mines safety. Sustainable and eco-friendly tailing storage at Zawar Mines through dry tailing plant operations was deliberated by Sh PK Bhatt.

The keynote address by Dr PK Jain, Chief Mineral Economist (Retd.) and Consultant IBM, covered structural reforms in Indian mining sector for ease of doing business and sustainable development. Sh Vijay Singh AR made a thought provoking presentation on the Explosive Act 1984. Occupational Safety Health and Working Conditions Code 2022 was discussed by Sh SC Joshi. Roadmap for developing the Environment, Health, and Safety [EHS] Framework in the mining industry was presented by Sh Sabyasachi Nayak.

Cultural Evening

The evening of 27th August 2022 was dedicated to Rajasthani Folk dances and cultural show by the renowned artists. The melodious songs, rhythm and actions joyfully touched the hearts of participants, guests and families.



One of very burgeoning topic on Training and Skill Development in mining was touched by Sh Sanjay Sharma, SCMS (FIMI). Women in mining engineering was highlighted in the paper by Sh Sanjit Adhya discussing deployment of female workforce in 3-shifts at Noamundi Iron Mine of Tata Steel. A paper on production of green energy (Hydrogen and Solar) from natural resources in mining and allied industries was made by Sh RP Gupta. Dr Ranjit Choudhuri, Ex GGM RSMML, presented on Potash Exploration in the national and global context. Sh Kuldeep Solanki presented best practice mineral resource evaluation system at HZL. Need of mineral systems approach and industry-academia strong collaboration was discussed by Sh Narendra Kavdia for making deeply concealed Tier-1 mineral discoveries in India.

Valedictory Function

Valedictory function of the three day seminar was held on 28th August 2022. Sh Praveen Sharma, Organizing Secretary summarized the Seminar activities and technological developments. Sh Arun Kothari briefed about the Seminar outcomes w.r.t. mineral policy, exploration and mining of deep seated deposits, potash mining, explosive rules, mines and mineral development rules, Mineral Resource & Reserve classification, mineral bearing land etc. The outcomes shall be sent to Govt. in the form of recommendations. He welcomed the entry of woman technocrats in mining in present times and also appreciated the presentation of papers by female authors.

The Chief Guest of function Sh Ram Lal Jat, Hon'ble Revenue Minister, GoR told that mining sector is backbone of economy. After agriculture, it is mining which provides the largest employment opportunities. He said that Rajasthan is holding monopoly in production of some 10-12 minerals. Making reference to the recent amendments in RMMCR, he hoped that with latest technologies further revenue enhancement would be achieved. He appreciated role of MEAI and assured that the recommendations coming out from Seminar would be followed up with the CM and ministry for needful action.

Sh SC Joshi, Chief Labour Commissioner (Retd.), GoI emphasized on skill development, health and social security of worker. Sh Pradeep Kumar Singh, Ex MLA told that mineral bearing land cannot be transferred elsewhere, and hence should be given preference over the forest and charagah land. Sh Mahesh Mathur, Addl. Director, DMG remarked that mining with protection of environment is a big challenge for small mines and stressed the need to improve the adverse image of mining in society by eco-friendly mining.



Sh Akhilesh Joshi, Ex-CEO HZL expressed that mining is an art in which upgradation of mineral and mining should be done in such a manner that the low grade mineral becomes viable. Sh K Madhusudhana, National President MEAI, requested the GoR to share a small part of DMFT for use in skill development of local people which will help in providing employment in mining sector.

Valedictory Accolades & Honours

- Normet India Pvt. Ltd.** – First Prize (Exhibitors)
- DMFT, Rajsamand** – Second Prize (Exhibitors)
- Dr SS Rathore** – Brilliant frameworking for Seminar
- Smt Laxmi Meena and Smt Geeta Meena (Zawar)**
 - Outstanding demonstration as HZL's CSR work beneficiaries
- Sh Alpesh Lodha and Sh Deepak Lodha (Orbit Resort)**
 - Logistics and background host work



Vote of thanks was delivered by Dr SK Vashisth, MEAI Council Member. The program compering was done by HZL Geologists Ms Anshuka and Sh Ashutosh.

राजस्थान को राष्ट्रीय खनिज विकास पुरस्कार

राजस्थान के खान व गोपालन मंत्री श्री प्रमोद जैन भाया ने मंगलवार को नई दिल्ली में केन्द्रीय खान मंत्रालय द्वारा आजादी के अमृत महोत्सव पर आयोजित समारोह में राष्ट्रीय खनिज विकास पुरस्कार ग्रहण किया। नई दिल्ली के डॉ. अंबेडकर इंटरनेशनल सेंटर में आयोजित समारोह में पुरस्कार का वितरण केन्द्रीय गृह मंत्री श्री अमित शाह, केन्द्रीय माइंस, कोल एवं संसदीय कार्य मंत्री श्री प्रहलाद जोशी व माइंस, कोल एवं रेल्वे राज्य मंत्री श्री राव साहेब पाटिल दानवे की गरिमामय उपस्थिति में हुआ। पुरस्कार वितरण समारोह में राजस्थान के माइंस, पेट्रोलियम एवं जलदाय विभाग के अतिरिक्त मुख्य सचिव डॉ. सुबोध अग्रवाल व निदेशक माइंस श्री केबी पण्ड्या ने भी भाग लिया।



राजस्थान को अप्रधान खनिज के लिए राष्ट्रीय स्तर पर द्वितीय स्थान प्राप्त करने पर प्रशस्ति पत्र, एक ट्रॉफी एवं दो करोड़ का पुरस्कार प्रदान किया गया। साथ ही वर्ष 2021-22 में प्रधान खनिज के सात ब्लॉक्स की सफल नीलामी पर वित्तीय प्रोत्साहन स्वरूप एक करोड़ साठ लाख तथा वर्ष 2022-23 में प्रधान खनिज के एक ब्लॉक की सफल नीलामी पर वित्तीय प्रोत्साहन स्वरूप बीस लाख रुपये प्रदान किये गए।

(Source: E-Bulletin, GoR, 12 July 2022)

Launch of 'The Mining Arena'

Union Minister of Mines, Coal and Parliamentary Affairs, Sh Pralhad Joshi inaugurated a digital platform called 'The Mining Arena' at the National Mines Ministers' Conference (NMMC) on 9th Sept 2022 at Hyatt, Hyderabad. This is an interactive platform which will give the people first-hand experience and information about working of the MoM. It will provide an insight on Ministry's roles and responsibilities, its achievements and will also give an overview of Ministry's attached offices, CPSEs and autonomous bodies.

Expenditure under NMET

The NMET, which was established by the Central Government on 14th August, 2015, is now a "non-profit Autonomous Body" after the recent amendments of Mines and Minerals (Development and Regulation) Act, dated 28th March, 2021. NMET so far approved 238 projects out of which 132 projects have been completed by incurring an expenditure of ₹ 513.85 Cr till date.

खनन क्षेत्र में 173 निवेशकों द्वारा ₹ 3,057 करोड़ का निवेश

राज्य में इन्वेस्ट राजस्थान समिट के तहत माइंस क्षेत्र से संबंधित निवेशकों से किए गए एमओयू व एलओआई धरातल पर उतरने लगे हैं। अतिरिक्त मुख्य सचिव माइंस एवं पेट्रोलियम डॉ. सुबोध अग्रवाल ने बताया कि प्रदेश में माइंस से जुड़े 173 एमओयू/एलओआई में ₹ 3,057 करोड़ का निवेश किया जा चुका है। करीब 2 हजार लोगों को प्रत्यक्ष रोजगार प्राप्त हुआ है वहीं हजारों लोगों को अप्रत्यक्ष रोजगार की राह खुल गई है।

इन्वेस्ट समिट के तहत हस्ताक्षरित एमओयू व एलओआई में ₹ 50 करोड़ से अधिक के निवेश प्रकरण की समीक्षा व मॉनिटरिंग उद्योग विभाग व बीआईपी द्वारा किया जा रहा है वहीं ₹ 50 करोड़ से कम के निवेशकों से माइंस विभाग द्वारा मॉनिटरिंग व समन्वय स्थापित किया जा रहा है। उन्होंने बताया कि नियमित समन्वय और मॉनिटरिंग का परिणाम है कि कम समय में ही राज्य में माइनिंग क्षेत्र में ₹ 50 करोड़ से अधिक के निवेशकों में से 9 निवेशकों द्वारा ₹ 2,789 करोड़ का निवेश किया जा चुका है वहीं 50 करोड़ रूपए से कम के निवेशकों में से 164 निवेशकों द्वारा ₹ 268 का निवेश किया जा चुका है।

खनन माफियाओं के खिलाफ सरकार सख्त

अवैध खनन के विरुद्ध सरकार जीरो टॉलरेंस की नीति पर कार्य कर रही है। पिछले दो माह से समूचे प्रदेश में अवैध खनन गतिविधियों के विरुद्ध माइंस एवं पुलिस प्रशासन की संयुक्त कार्यवाही के सकारात्मक परिणाम प्राप्त हुए हैं।

किशनगढ़ मार्बल स्लरी डंप यार्ड पर्यटन केन्द्र के रूप में विकसित

मार्बल स्लरी की समस्या का बेहतरीन समाधान करते हुए किशनगढ़ के मार्बल स्लरी डंप यार्ड को पर्यटन केन्द्र के रूप में विकसित कर स्लरी के अभिशाप को वरदान में बदला गया है।

माइनर मिनरल के 609 हैक्टेयर के 95 प्लॉट नीलामी के लिए तैयार

माइंस विभाग द्वारा अप्रधान खनिजों (माइनर मिनरल) के नीलामी हेतु इस साल अब तक 609.66 हैक्टेयर क्षेत्रफल के 95 प्लॉट तैयार किए जा चुके हैं। इसके साथ ही 197.17 हैक्टेयर क्षेत्रफल के 116 प्लॉटों की सफल नीलामी की जा चुकी है।

खनिज पोटाश, REE और लेड एवं जिंक के भण्डारों के एक्सप्लोरेशन में MECL निभाएगा भागीदारी

MECL ने बाड़मेर के सिणधरी, नौसार व सरनु में खनिज REE; बीकानेर के बेनिसर, लाखासर ब्लॉक और हनुमानगढ़ के भरसरी नार्थ, भरसरी साउथ व चुरु के करणसर ब्लॉक में पोटाश के G 4 के एक्सप्लोरेशन का प्रस्ताव दिया है। इसके साथ ही MECL ने राजसमंद के सिन्देसर कलां ब्लॉक में लेड और जिंक के एक्सप्लोरेशन का प्रस्ताव दिया है। राज्य सरकार के स्तर पर प्रस्तावों का परीक्षण कर शीघ्र ही कार्यवाही की जाएगी।

बागावास ब्लॉक की रिजर्व प्राइस से 452 प्रतिशत प्रीमियम पर नीलामी

जयपुर के बागावास ब्लॉक की आयरन ओर माइनिंग ब्लॉक की ई नीलामी रिजर्व प्राइस से 452 प्रतिशत अधिक राशि पर हुई है। यह प्रीमियम राशि समूचे देश के माइनिंग ब्लॉक नीलामी के इतिहास में सर्वाधिक है। इससे पहले मध्यप्रदेश में खनिज रॉक फॉस्फेट के ब्लॉक की नीलामी में सर्वाधिक 320 प्रतिशत बोली प्राप्त हुई थी।

इसी तरह, धूलीखेड़ा - जीपिया (भीलवाड़ा) आयरन ओर ब्लॉक की रिजर्व प्राइस से 117% पर नीलामी हुई है।

(Based on Press Release GoR)

Annual General Body Meeting

The 24th Annual General Body Meeting (AGM) of MEAI Rajasthan Chapter - Udaipur and a family Get together was held on 24th July, 2022 at Labh Garh Palace Resort, located in the picturesque Aravalli hills beside the NH 8, about 20km from Udaipur towards Nathdwara.

The proceedings of AGM, registering an overwhelming presence of 76 members, was chaired by Prof SS Rathore, Ex-Chairman MEAI-Udaipur with the gracious presence of Sh Akhilesh Joshi, Chapter's Patron and Ex CEO, HZL. Sh MS Paliwal, Chapter Secretary welcomed all the dignitaries and members and expressed his deep thanks for the cooperation rendered to him and the team during the committee's two years tenure. He said that the year 2021-22 was a tough period due to Covid, yet the technical and social activities of association continued at regular intervals due to support and dynamic cooperation of all the members. The Chapter also received MEAI Active Chapter Award in succession. He briefly highlighted various accomplishments of the Chapter. Sh MK Mehta, Treasurer presented the audited accounts which was unanimously approved by the house.

Declaration of Executive Committee 2022-24

Sh AK Kothari, Ex-National President, MEAI and Returning Officer for the election of the Executive Committee for the period 2022-24 announced the results of election before the house. The election was conducted online and 65 members casted their votes. The elected office bearers for the tennure 2022-24 are as follows.

Chairman	Sh MS Paliwal	LM - 1592
Vice Chairman	Sh Praveen Sharma	LM - 2153
Secretary	Sh Asif Mohammed Ansari	LM - 2418
Jt. Secretary	Dr SK Vashisth	LM - 4504
Treasurer	Sh MK Mehta	LM - 1669
Members	Sh D P Gaur	LM - 2116
	Sh R C Purohit	LM - 3311
	Sh S C Suthar	LM - 3232
	Sh S N Mali	LM - 2277
	Sh Hitanshu Kaushal	LM - 3392

The Swearing-in Ceremony of the New Executive Committee 2022-24 was administered by Sh RP Gupta, Chapter's Patron and Ex-National President, MEAI for fulfillment the objectives of the association and uphold its code of ethics, activities to promote progress of mineral industry and prosperity of the country man and the nation. Sh MS

Sh MS Paliwal, the new Chairman, expressed his gratitude to one and all. thanks to Sh AK Kothari, Sh RP Gupta, Sh Akhilesh Joshi, Prof SS Rathore and all the members for shouldering upon him the responsibility of chairmanship of this chapter and he assured to plan and execute the activities in defined manner. He solicited cooperation of all the member in discharging his duties. Sh Praveen Sharma, sketched the potential activities to be undertaken in coming two years and thanked all the members for giving him opportunity as the Vice Chairman of the Chapter.



Sh AK Kothari expressed that the new team is full of energy and enthusiasm which will bring this Chapter to new heights. Extending vote of thanks, Sh Asif M Ansari, expressed his gratitude for giving him the responsibility of secretary of the Chapter and assured to work under the guidance of seniors and to implement the activities of the Chapter to the best of his knowledge and efforts.

Felicitations

The Department of Mines and Geology, Rajasthan recently received the prestigious "National Mineral Development Award" (Rs. 3.8 Cr) from the Ministry of Mines, GoI. On this occasion, Sh AK Kothari congratulated and honored the DMG representative Sh DP Gaur, SME, HQ on behalf of Sh Mahesh Mathur, Additional Director, DMG.

Sh Praveen Sharma, Sh Hitanshu Kaushal, Sh RC Purohit, Sh SC Suthar, Sh SM Ahmed, Sh RP Mali, Sh MK Mehta, Sh KS Dangi and Office Assistant, Sh Satya Narayan Joshi were also honored for their unique contribution for the Chapter's activities during year 2021-22.

Family Get together

The AGM also platformed for a wonderful MEAI member's family get together, especially the first of its kind in the Silver Jubilee year of the Chapter. A total of 76 members and 145 family members gathered on this occasion. It was good to see some very senior members joining the event and having the fun. Tambola, games and cultural activities kept the member families enjoying the day long outing.



MEAI Training on "Blaster and Mining Mate Competency Exam"

A 3-day training (17th-19th July 2022) on **Blasters and Mining Mate Competency Examination** was organized by MEAI Rajasthan Chapter-Udaipur in association with Department of Mines and Geology and Khetan Business Corporation Pvt. Ltd. at Vocational Training Centre of KBC's Dhanlaxmi Soapstone and Dolomite Mine, Distt. Rajsamand (Raj.). A total of 40 candidates from different mines (soapstone, dolomite, marble etc.) of Rajsamand and Udaipur Districts participated in the training.

The Inaugural Function, held on 17th July 2022, was chaired by Prof SS Rathore and also having the gracious presence of Sh Mahesh Mathur, Additional Director, DMG, Udaipur; Sh Kamlesh Baregama, SME, Rajsamand and Sh Bejnath Chauhan, KBC. Sh MS Paliwal welcomed all the guests and participants. He told that due to scarcity of Blaster and Mining Mates, the mine owners of this region are facing lot of difficulty in smooth mining operations. As such MEAI took lead to scheme out a training course with relevant contents to prepare the aspiring candidates appearing at the Blasters and Mining Mate Competency examination. Sh SC Suthar, briefed about the need, preparation and scope of the training programme. The programme for class room teaching to the candidates covered an appraisal of the rules and regulations related to the subject, storage, uses and transport of explosives, blasting practices, use of HEMM, marble mining methods, First-Aid and Vocational Training. Apart from these, the course also included a practical training on blasting and marble mining.



MEAI Faculty

Sh SC Suthar, Course Coordinator, Ex Executive Director (Mining), Dalmia Cement (Bharat) Ltd.

Sh RC Purohit, Ex AVP (Mines), JK Cement

Sh RP Mali, Ex Chief, Noamundi, Tata Steel

Sh SM Ahmed, Ex Asstt. VP (Mines), Birla Cement

Sh MK Mehta, Ex. AVP Mines, Birla Cement

Dr SC Jain, Professor, CTAE, Udaipur



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- ✉ info@enkayenviro.com
- 🌐 www.enkayenviro.com

Contact us :-

Udaipur Office

- 📍 H K House, 114, St. Teresa Road, Ganesh Nagar, Pahada, Udaipur- 313 001
- ☎ +91-8094455111 📠 0294-2471684
- ✉ hkandassociates01@gmail.com
- 🌐 www.hkandassociates.in



The concluding function of the training program was held on 19th July 2022. Sh R Harlalka, MD, KBC, presided over the function and Sh Neelabh Saxena, Rajsamand District Collector, was the Chief Guest. Sh NK Kothari, Addl. Director, Mines and Geology, Sh PR Ameta, Addl. Director (Environment), Sh Kamleh Baregama, SME Rajsamand also graced the occasion. Summarizing the 3-day training, Sh SC Suthar, highlighted the keen interest shown by the participants to upgrade their knowledge. Practical training on blasting was provided at KBC's Mine. Marble mining on-site practical training as well as class room training through animation video, working models etc. was also provided at Morwad Marble Mine (RK Marble).

A post-training test was also conducted, most of the candidates got success. A feedback from the candidate was also taken.

The Chief Guest Sh Neelabh Saxena, awarded training certificates to all the participants and also felicitated the MEAI

faculty. He congratulated MEAI for initiating this type of programme to help the workers employed in mining industry. He also emphasized upon measures for pollution control in mining industry and take advantage of health insurance plans of the Govt. Sh R Harlalka, thanked Sh Neelabh Saxena, for his valuable presence and also MEAI for conducting the successful training program. He told that besides observing safety and environment in mining, social responsibility should be our motive. Vote of thanks was given by Sh Kamlesh Baregama, SME, Rajsamand.

Plantation

The training programme ended with planting of an auspicious 501 saplings in the premises of KBC by the guests.



Executive Committee Meeting

The 1st ECM of the new committee was held on 6th August 2022 at Orbit Resort to discuss Seminar event.



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