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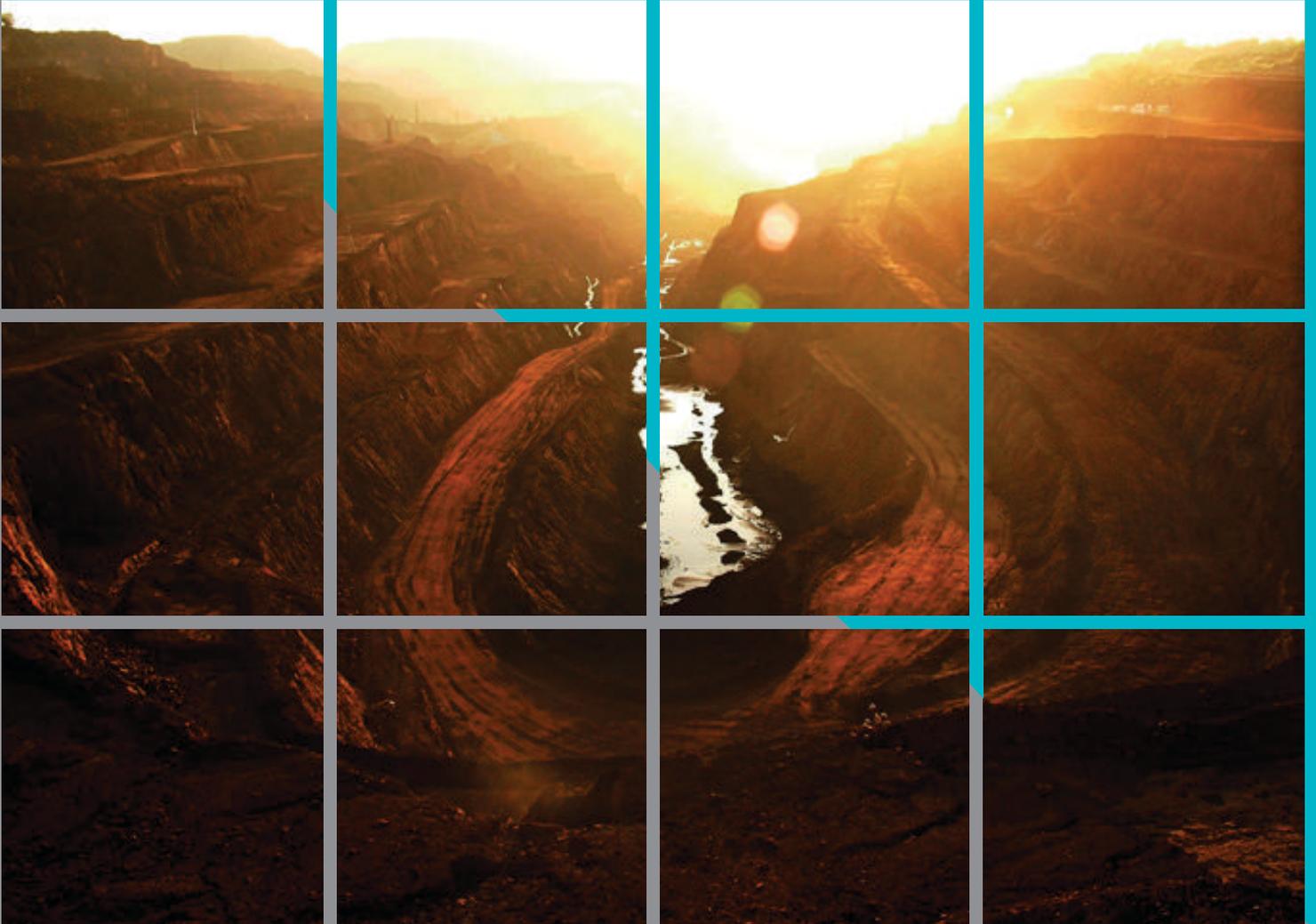
# Indian Bureau of Mines

## NEWS

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## 3<sup>rd</sup> NATIONAL CONCLAVE ON MINES & MINERALS A SUCCESS

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### PICTURE OF THE ISSUE



Shri Navjot Singh Sidhu, Chairman of Cabinet Sub Committee on Mining of Punjab and Minister of Local Government, Tourism, Cultural Affairs, Archives and Museums, Punjab held a meeting with Shri Anil Mukim, Secretary (Mines), Dr. N.K. Singh, JS (Mines) & CG (I/c) and Shri Prithul Kumar, Director. He discussed threadbare various aspects of mining policy during his visit to the Ministry of Mines in New Delhi.



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# From Controller General's Desk



Dr Niranjan Kumar Singh

At the outset, I extend a warm greeting to Shri Anil Gopishankar Mukim on being appointed the Secretary (Mines). His association with the Mines Ministry brings three and half decades of bureaucratic experience and his valuable insights to the policy initiatives in Mineral sector.

The issuing of Gazette notification for the Creation, Abolition and Up-gradation of posts under various disciplines of IBM on 15 May, 2018 has augured well for IBM, the premier technical regulator of Indian mineral sector. It comes after six years of churning of the Report of the Committee constituted to Review and Restructure the Functions and Roles of IBM in terms of the policy directions given in the National Mineral Policy and MMDR Act and Rules framed thereunder. The Committee was constituted in 2009 and submitted its report to the Government of India on 4 May, 2012. It recommended creation of 933 posts in addition to existing strength of IBM. However, in the wake of

significant changes in the legislative framework by the Government, the Ministry optimized the proposal without considering increase in sanctioned strength (1477) and finalised the proposal keeping expenditure neutral.

The Bureau and the Mines Ministry are in action to see to it that the Recruitment Rules for various disciplines are finalised soon to begin filling the vacant and additional posts in a phased manner. An enormous task and challenge lay before the Bureau to deliver to the expectations of the Government and Mines & Mineral sector which I believe team IBM will start to accomplish sooner. The adoption of IT and Space technology would be a key feature of the restructuring, enabling IBM effectively discharge its function to help reform mineral sector.

The phase-I module of Mining Tenement System and the MTS portal was launched in New Delhi on 20 March 2018 and will soon be

operational with the integration of PMKKKY and of subsequent phases shortly. The Bureau also chipped in its service along with WAPCOS in releasing the Sand Mining Framework to help States prepare Sand Mining policy. The States should be able to fix the issues with Sand Mining by way of adopting best model available from the Framework. Also, at the Mining Ministers' Conference held at Panjim, Goa in January this year, several States showed interest in adopting the MSS model for minor minerals. The Mines Ministry, through the Bureau shall soon come out with a mechanism to integrate minor minerals with MSS portal, which hitherto looked into curbing illegal mining of major minerals.

The Bureau has almost completed the updating of the list of mining leases expiring in 2020 and would soon work on laying a detailed roadmap for the auction of expiring leases nationwide.

**Dr Niranjan Kumar Singh**  
Joint Secretary (Mines) &  
Controller General In-charge



Shri Narendra Singh Tomar, Hon'ble Union Minister of Mines and Rural Development speaking at the Third National Conclave on Mines & Minerals held in New Delhi. (right) Shri Tomar presenting the award to the Star Rates Mines during the event. S/Shri Anil Mukim, Secretary (Mines) designate, Arun Kumar, then Secretary, Shri Haribhai Parthibhai Chaudhary, Hon'ble Union Minister of State for Mines and others are seen.

## 3<sup>rd</sup> National Conclave on Mines & Minerals a success

*57 mines awarded 5-star rating, PMKKKY portal launched*

Shri Narendra Singh Tomar, Hon'ble Union Minister of Rural Development and Mines inaugurated 3rd National Conclave on Mines & Minerals at Hotel Ashok in New Delhi on 20 March, 2018. Shri Haribhai Parthibhai Chaudhary, Hon'ble Minister of State for Mines and senior officials of the Mines Ministry accompanied the Minister at the event.

In his address, Shri Tomar highlighted the importance of contribution of mining sector to the GDP and in employment generation. The Government made all efforts for expediting the auctions through amendments in the Auction rules and bringing transparency in awarding the mineral concessions. He stressed on the importance of Pradhan Mantri Khanij Kshetra Kalyan Yojana (PMKKKY) and its objectives for achieving inclusive growth of mining-affected people. He lauded the organising of 3rd Mining Conclave involving all stakeholders of mineral sector.

On the occasion, Hon'ble Union Minister of State for Mines, Shri Haribhai Parthibhai Chaudhary said Mines Ministry brought accountability, transparency and ease-of-doing business through adoption of technology in its transactions in line with the vision of Hon'ble Prime Minister. The Mining Conclave would deliberate on key issues like simplification of environmental clearances for its expeditious grant, skill development in mining sector, increasing the mineral

production & employment generation and exploring alternatives to the use of sand in construction.

Earlier, Shri Arun Kumar, then Secretary (Mines) welcomed the dignitaries, senior leaders from industry and participants. He appraised the gathering about the major initiatives being carried out under the Ministry and said the number of future auctions saw a spike due to suitable amendments done in Mineral Auction Rules. In his address, Dr Rajeshwar Rao, Additional Secretary (Mines) gave an overview on the Star Rating of Mines and said many countries showed keen interest in adopting the model. On the occasion, Hon'ble ministers awarded the top 25 five star rated mines. The representatives of these mines were felicitated with a shield. In all, 57 mines were rated as 5 star under the Star Rating of Mines. Shri Tomar also launched the PMKKKY after its integration with the District Mineral Foundation and launched Phase-I module of Mining Tenement System. Dr N.K. Singh, Joint Secretary (Mines) gave an overview on the MTS. Secretary (Mines) designate and OSD Anil G. Mukim was present. Shri Ranjan Sahai, then CG, IBM, Smt Indira Ravindran, Director (OD), IBM, Dr P.K. Jain, Chief Mineral Economist and other senior officials of Indian Bureau of Mines attended the event. Shri R.K. Sharma, Secretary-General, FIMI extended vote of thanks to dignitaries and participants.

*3<sup>rd</sup> National Conclave/PS*

### MTS phase-I launched

Hon'ble Union Minister of Rural Development and Mines Shri Narendra Singh Tomar launched the Registration and Returns module Phase-I of Mining Tenement System (MTS) and the MTS portal in New Delhi on the sidelines of 3rd National Conclave on Mines and Minerals held in New Delhi on 20 March, 2018.

In a brief overview post launch of the portal, Dr N.K. Singh, Joint Secretary (Mines) said that the MTS would facilitate the capturing of the entire mine life cycle including data regarding mineral concession, royalty, NMET collection and information related to its utilisation etc. The PMKKKY was integrated with District Mineral Foundations (DMFs) where the information regarding collections and utilisation of funds is vital for stakeholders. The portal for MTS will initially cater to Coal/Lignite minerals, non coal minerals and minor minerals, he added.

The MTS is being developed by Indian Bureau of Mines with Wipro Ltd as implementing agency and National Institute of Smart Government (NISG) as Project Management Unit (PMU). MTS would facilitate end-to-end national scale accounting of all the minerals produced in the country from pithead to its end-use, reducing the scope for illegal mining.

# Mining ministers discuss key issues

Hon'ble Shri Narendra Singh Tomar, Union Minister of Mines chaired a meeting of the State Mining Ministers at Panjim, Goa on 19 Jan, 2018. The Ministers in-charge of Mining Department from the states of Andhra Pradesh, Chhattisgarh, Madhya Pradesh, Odisha, Tamil Nadu, Uttar Pradesh and Goa attended the meeting. Shri Haribhai Parthibhai Chaudhary, Hon'ble Union Minister of State for Mines was present, while Shri Manohar Parikkar, Hon'ble Chief Minister of Goa was the chief guest.

The conference discussed key issues related to status of mining sector in the Country. In his address, Shri Narendra Singh Tomar said 88 major mineral blocks were notified for auction and 33 blocks were successfully auctioned across nine States. The total estimated revenue accrued to the States over the lease period stands at Rs 1.28 lakh crores. The states are expected to earn additional revenue of Rs 99000 crores owing to the introduction of auction for grant of mineral concessions. The auctions introduced under MMDR Amendment Act 2015 brought huge additional revenues along with greater transparency in allocation of mineral resources.

He added that the Amendment to the Mineral Auction Rules made auction process less cumbersome. About 30 more blocks are ready for auction anytime soon, which could be billed as the highest number of blocks to be auctioned at a time. More than 13,700 crores were accrued in District Mineral Fund

*3<sup>rd</sup> National Conclave  
from page 4*

## Sand Mining Framework released

Hon'ble Union Minister of Rural Development & Mines Shri Narendra Singh Tomar released Sand Mining Framework, a model to help States in preparing Sand Mining Policy and its model replication.

Shri Prithul Kumar, Director, Ministry of Mines gave an overview of the framework, prepared by a team of officers from Indian Bureau of Mines (IBM) and WAPCOS, a Govt. of India Undertaking under Ministry of Water Resources, River Development and Ganga Rejuvenation. He explained the concept and methodology adopted in making of the Framework and benefits which could be accrued out of it. The Framework gives due thrust on the alternatives for river sand,



Shri Narendra Singh Tomar, Hon'ble Union Minister of Mines and Rural Development releasing the booklet, Swatchhta Pakhwara organised by the Ministry of Mines and attached offices at the meeting of the State Mining Ministers held at Panjim, Goa. Shri Arun Kumar, then Secretary, S/Shri Manohar Parikkar, Haribhai Parthibhai Chaudhary, Hon'ble Union Minister of State for Mines, Dr Rajeshwar Rao, Additional Secretary (Mines) and others are seen.

in the mining districts of major mineral-rich states across the country. These funds shall be utilised for projects under Pradhan Mantri Khanij Kshetra Kalyan Yojana (PMKKKY) for social welfare, protection of environment and infrastructure development of mining affected areas. He stressed for the initiation of auction process in advance for the mineral leases expiring in 2020 to avoid disruption of mineral supply to downstream industry.

Earlier, Shri Haribhai Parthibhai Chaudhary welcomed the Ministers and briefed about the steps initiated to bring harmony between the Centre and the States in encouraging growth of mineral sector. The Conference witnessed support and applause

for the Mining Surveillance System and its impact in curbing the incidence of illegal mining. The Hon'ble Minister assured that the portal for MSS for major minerals would be extended to the minor minerals to help States curb illegal mining of minor minerals. The States also expressed their eagerness to implement MSS.

On the occasion, a booklet on the Swatchhta Pakhwara organised by the Ministry of Mines in attached and subordinate offices, public sector units and autonomous organisations was released. S/Shri Ranjan Sahai, then CG, IBM, P.N. Sharma, COM, Dr Y.G. Kale, RCOM others were present.

*Mining ministers/P6*

which can ease out the pressure on the demand for River Sand.

Shri Narendra Singh Tomar released the Framework in the presence of other dignitaries. In his address, Shri Tomar said there was a notable turnaround in the mining sector in the last four years. The country achieved a robust 6 per cent growth in terms of volume of mineral production current year up to Jan 2018. The adoption of Sand Mining Framework would check illegal mining of river sand, he said. Shri Abhay Agrawal, RCOM and Technical Secretary and Shri Pushpendra Gaur, DCOM, IBM significantly contributed in the making of the Framework.



Shri Haribhai Parthibhai Chaudhary, Hon'ble Minister of State for Mines.

## Union Minister meets Industry representatives

On the sidelines of the State Mining Ministers' meeting, Shri Narendra Singh Tomar, Hon'ble Union Minister of Mines held a meeting with the Mining Leaseholders' Association of Goa and other mining associations on 18 Jan, 2018. The office bearers Goa Mineral Ore Exporters Association (GMOEA) and Mineral Foundation of Goa (MFG) also participated in the meeting.

The members of various Mineral bodies apprised the Union Minister of their grievances. Shri Ambar Timblo, President, GMOEA said the Goan mining industry faced many problems like export duty of 30 per cent on iron ore, Supreme Court imposed cap on production and unfavourable market conditions etc. The Union Minister while emphasising the need to take the State Government on board, advised the industry associations to take up the issues before Government of Goa and sought the comments and recommendations of State of Goa to pursue such matters at appropriate

forum. S/Shri Subhash Chandra, then Joint Secretary (Mines), Prithul Kumar, Director (Mines), Dr Y.G. Kale, RCOM, Goa, Daulat Hawaldar, Secretary (Mines), Government of Goa and Shri Prasanna Acharya, Director, DMG, Goa attended the meeting.

### Iron ore from Odisha

In a separate meeting, Shri Tomar met representatives of mining companies from Odisha to review the production of iron ore, subsequent to the closure of six mines in Odisha. It was apprised that some miners still had a scope to increase production within their permissible Environmental clearance and other limits, while adhering to the Supreme Court orders. He exhorted the companies to increase their production to the maximum possible within their permissible ceilings to which the miners assured that they would step up the production so that steel industry remains fully supplied.



Shri Anil Mukim

## Anil Mukim is Secretary (Mines)

Shri Anil Gopishankar Mukim, a 1985 batch Indian Administrative Service officer of Gujarat cadre took charge of the office of Secretary, Mines on 1 April, 2018. In the status of Secretary-designate, Shri Mukim was appointed the Officer on Special Duty (OSD) at the Ministry of Mines on March 15, while he took the reins from the outgoing Secretary.

Shri Anil Mukim served as the Additional Chief Secretary in his home cadre, Gujarat, before joining his new assignment. His more than three-decade career was embellished with key administrative posts like Additional Chief Secretary in charge of Finance, General Administration and Health and Medical Education Departments of Gujarat and served as the Principal Secretary to Revenue Department. On central deputation between year 2006 and 2011, Shri Mukim was the Joint Secretary at Ministry of Commerce and Industry and Chief Vigilance Officer of Housing & Urban Development Corporation Ltd (HUDCO). Shri Mukim carried out big ticket reforms in his capacity at the Finance and Health departments in Gujarat.

He was appointed the Special Commissioner in Bhuj, to oversee the relief operations in the wake of 2001 Gujarat Earthquake. Bhuj was the epicenter of 7.7 magnitude earthquake that hit parts of Western India. Shri Mukim carried out commendable work as Special Commissioner overseeing the relief and rehabilitation of the affected people. He studied Commerce and Law and has a training in Industrial Policy, Planning and Development and Universal Education. His array of experience shall contribute to the development of Mineral sector in the coming days.

Congratulations Sir...



Shri Narendra Singh Tomar, Hon'ble Union Minister of Mines and Rural Development chairing a meeting with the representatives of Mining Industry Associations at Panjim in Goa. Dr Y.G. Kale, RCOM, IBM Goa and industry representatives are seen.

## Dr. Niranjana Kumar Singh, JS (Mines) is CG In-charge

Dr Niranjana Kumar Singh, Joint Secretary in the Ministry of Mines is appointed in-charge of Controller General, Indian Bureau of Mines, Nagpur. A 1987 batch Indian forest service officer from Gujarat cadre, Dr Singh is on central deputation and serving as Joint Secretary (Mines) since September, 2014. He took the charge of Controller General In-charge on May 1, 2018.

Dr Singh is an alumni of Indian School of Mines (now IIT-ISM), Dhanbad and completed his B.Tech in Mining Engineering from ISM. He has also accomplished doctorate degree. He has abundant

experience in government and public sector, serving in various capacities in the Central and State Governments. As a IFS officer, he has worked immensely for conservation, management and social development and has served as Director (Environment and Forestry Sector) in the erstwhile Planning Commission. Dr Singh has served as the two time Government nominee Director at Bharat Aluminium Company Ltd and National Aluminium Co. Ltd.

The IBM family extends a hearty greeting to Dr N.K. Singh, Joint Secretary and CG In-charge. Congratulations sir...

# Foundation Day celebrated as Khanij Diwas

The Indian Bureau of Mines celebrated the 71st Foundation Day, Khanij Diwas with pomp and gaiety at the Headquarters in Nagpur and at all other regional, zonal and sub-regional offices on 1 March, 2018. The main event was held at the IBM Headquarters in Nagpur. Shri Rajiv Ranjan Mishra, Chairman-cum-Managing Director of Western Coalfields was the chief guest, while Shri M.P. Chaudhari, CMD, MOIL, Nagpur attended the programme as guest of honour. In his address, Shri Mishra lauded the contribution of IBM to the Mineral Sector in India. The different agencies - both government and private - in Mines and Mineral sector should jointly work for the betterment of the community, he said and shared the WCLs experience in community work initiatives. WCL started sand production from the overburden of the coal mines and started conservation of water used in the coal to produce low-cost potable drinking water called, Coal Neer. The manufacturing of bricks from fly ash contributes to the low-cost of housing schemes launched by the Prime Minister under Pradhan Mantri Awas Yojana, he said. Shri M.P. Chaudhari, CMD, MOIL said the IBM worked for the nation building through regulation of mineral sector and conveyed his wishes for the future endeavours of the Bureau. Shri Ranjan Sahai, then CG, IBM presided. On the occasion, a blood donation camp and a health check up camp were organised for the employees. Shri Tiu, then Chief Controller of Mines welcomed the guests, Dr P.K. Jain, CME proposed vote of

thanks. A cultural programme was organised in the evening.

## Goa

In Goa, the Foundation Day programme coincided with a Workshop on Swachhta with the theme, "Swachhta Se Satat Vikas" organised for the mining professionals on 1st March, 2018 at Ravindra Bhavan, Margao. The Workshop aimed to give exposure to innovative ideas and best practices related to waste management, cleanliness and housekeeping.

Smt. Anjali Sehrawat, Collector & District Magistrate, South Goa District was the chief guest, while Shri B.L. Meena, Director, Directorate of Mines Safety, Goa Region was guest of honour. In her address, Smt. Anjali complimented the IBM for organising the workshop on its foundation day. She appealed the mining community to undertake mining activities adhering to the regulations of sustainable development and asked the miners to undertake welfare activities amongst the communities affected. Shri B.L. Meena highlighted cleanliness as a continuous process and said all citizens have a responsibility to maintain the surrounding clean.

Earlier, Dr Y.G. Kale, RCOM gave a brief about the workshop and delved on the activities carried out by IBM under Swachhta Abhiyan during past year. Shri Prem Prakash, Deputy Controller of Mines proposed vote of thanks. Smt. Akshata Puranik Bhat compered the event.



Shri Anil Kumar Nayak

## Anil Kumar Nayak appointed Joint Secretary (Mines)

Shri Anil Kumar Nayak, an officer of Indian Ordnance Factories Services (1986 batch) has been appointed as Joint Secretary, Ministry of Mines in March 2018. Born in 1962, Shri Nayak joined the IOFS on 16th Feb, 1987. He has served as the Deputy Director General, Ordnance Factory Board, Kolkata before joining as Chief Labour Commissioner in Ministry of Labour in August 2015. He brings with him varied experience in technical as well as administrative fields.

Following his appointment as Joint Secretary (Mines), Shri Nayak has also been nominated part-time official Director on Board National Aluminium Company Limited, Bhubaneswar.

## MCDR Rules amended

In a bid to speed up the auction process of the leases expiring in 2020, Ministry of Mines has amended the Mineral Conservation and Development Rules, 2017 by way of an Amendment notification, published in Gazette of India vide G.S.R. No. 289, dated 27.3.2018. A rule 12 (4A) has been inserted which mandates exploration in G2 level as stipulated under clause (a) of rule 5 of Mineral (Evidence of Mineral Contents) Rules 2015, to be carried out in the mining leases expiring in 2020 by 1 April, 2019. The rule also lays down the timelines for implementation of the exploration plan prepared with the approval of IBM for satisfying the requirements.

There are about 288 mining leases which would expire in 2020, of which 59 are working leases, which give substantial production of key minerals viz. iron ore, manganese and chromite ore etc. The auction process needs to be initiated well in advance to ensure a seamless transition.



Shri Rajiv Ranjan Mishra, Chairman-cum-Managing Director of Western Coalfields Ltd speaking at the Khanij Diwas celebrations held at IBM Headquarters in Nagpur. S/Shri M.P. Chaudhary, CMD, MOIL, Ranjan Sahai, then CG, IBM, Tiu, CCOM are seen.

# 2020 Auction of Leases: IBM makes new strides

As the Indian Bureau of Mines (IBM) lays a roadmap for the auction of expiring leases, the information on working & non-working leases expiring in 2020 is received from Bhubaneshwar, Bengaluru, Hyderabad, Gandhinagar, Jabalpur, Nagpur, Ajmer and Ranchi regional offices. The 4th State Level Committee meeting for finalisation of exploration plan of Odisha state was held on 9 Feb, 2018 at Bhubaneshwar. The information on 88 leases cancelled by the Hon'ble Supreme Court Judgment dated, 7 Feb, 2018 is under compilation at Goa regional office.

Meanwhile, the 4th State Level Committee meeting for finalisation of exploration plan of Madhya Pradesh state, was held at Jabalpur on 20 Feb, 2018, while the 5th meeting of Karnataka state was held on 3 April, 2018 and second State Level Committee meeting of Jharkhand state was held on 27 March, 2018. The Goa State Government has revised the list of leases expiring in 2020. As per the updated list, 175 leases are expiring out of which 171 are iron ore leases, 1 manganese lease and 3 bauxite leases.

## Of MSS

Meanwhile, under the Mining Surveillance System (MSS), the next round of triggers generation is going on at BISAG. Hitherto, 51 triggers for major mineral leases have been generated provisionally for the States of Gujarat, Chhattisgarh, Madhya Pradesh, Andhra Pradesh, Maharashtra, Himachal Pradesh, Odisha, Rajasthan, Tamil Nadu, whereas in case of minor minerals leases, 110 triggers were generated for Gujarat, Rajasthan, Goa, Andhra Pradesh, Jharkhand, Karnataka, Chhattisgarh, Haryana, Maharashtra, Telangana and Uttar Pradesh.

MSS is a responsive mineral administration, through public participation, for curbing instances of illegal mining activity through automatic remote sensing detection technology.



Children participating in the Flag Race organised as part of the Republic Day celebrations held at IBM Headquarters in Nagpur on 26 Jan, 2018. (below) Officers and staff of the Headquarters Region and their family members attend the flag hoisting ceremony.

## 69th Republic Day celebrated in IBM offices

The Indian Bureau of Mines celebrated 69th Republic Day with fanfare and zeal at its Headquarters in Nagpur and at all its zonal and regional offices spread across the country. At the main event, Shri Ranjan Sahai, then CG, IBM hoisted the tricolour at the sprawling campus of IBM in Nagpur.

Addressing the employees, Shri Sahai called upon the officers and staff to deliver their duties with commitment and on time to catch up with the reforms being carried out in mineral sector. He said IBM adopted new technologies like MTS & MSS to enhance its capabilities and shared the status of upcoming programmes and schemes. A colourful stage programme was organised in which children participated in large numbers. Separate sports events were also organised for the children and adults. Prizes were distributed to the winners in various categories.

## Goa

The Goa Regional office also celebrated the 69th Republic Day with patriotic fervour. Dr Y.G. Kale, RCOM, Goa hoisted the national flag at the office premises and invited attention towards the initiatives of Central Government for mineral sector and urged the employees to contribute their best for the nation building. On the occasion, S/Shri Prem Prakash, DCOM, Suresh Prasad, DCOM spoke. Shri M.N. Prasannan, Superintendent, conducted the programme. The employees and their family members took part in the celebrations which included cultural events



**A colourful stage programme was organised in which children participated in large numbers. Separate sports events were also organised for the children and adults. Prizes were distributed to the winners in various categories.**

followed by prize distribution. Dr Y.G. Kale and other senior officers gave away the prizes to winners.

# SNIPPETS

## Notification on Lump & Fines ratio soon

The IBM has initiated a correspondence with the Ministry regarding the publishing of notification of established average percentage of Lump & Fines present in run-of-mine (ROM) ore in Iron Ore for the state of Andhra Pradesh, Chhattisgarh, Goa, Karnataka, Madhya Pradesh and Odisha. The exercise is part of Geological study under Rule 46 of MCR 2016 to establish lump and fine ratio in run of mines (ROM). The geological study of Iron ore w.r.t. the State of Jharkhand is completed and draft report is under preparation, while the report on the study of Chromite Mines in Odisha is under progress.

## Remote Sensing Project

Under the IBM-NRSC Remote Sensing project, tender for procurement of hardware for setting up Remote Sensing Labs at IBM HQ in Nagpur and Hyderabad was floated for the third time on CPP portal and IBM website in response to which five bids are received. Scrutiny of technical bids is under progress. Software required for remote sensing lab were procured through the GeM portal.

## Rule 45 Registration

The registration under Rule 45 of MCDR 1988 (excluding 31 minor minerals) has made strides. All the 1401 working leases are registered as on March, 2017. While, 2135 leases out of the 2547 non-working leases are registered. In total, 3536 leases are registered with IBM. About 129 leases were suspended and another 240 recommended to the State Governments for termination. So far, 11,682 end users, traders, stockiest and exporters are registered under the Rule. The registration under this scheme has witnessed robust growth in the last two years and continue to grow in number of end users in the mineral sector.



Smt. Anjali Sehrawat, Collector & District Magistrate, South Goa District lighting the lamp to inaugurate a Workshop on Swachhhta with the theme, "Swachhhta Se Satat Vikas" organised for the mining professionals at the IBM Regional office in Goa. Dr Y.G. Kale, RCOM and others are seen. (below) A skit being presented during the Workshop organised in Nagpur Regional office at IBM HQ.

## IBM offices hold Swachh Bharat programmes

As part of the implementation of Swachhata Action Plan, Indian Bureau of Mines organised and implemented Swachh Bharat Mission under the jurisdiction of all its regional offices in December, 2018. The week-long programme comprised of themes like Swachh Bharat-Swachh Bharat and Swachhhta Se Satat Vikas and various activities surrounding the theme.

The various activities included awareness campaign posters, essay & slogan competition in mines and nearby school and village level, Skits, Nukkad Natak, Cleanliness & House Keeping and distribution of sanitary kits etc. Besides, mass rallies were organised with an objective to creating awareness on Swachh Bharat Mission. Six workshops were organised at Hospet (Bengaluru), Nagpur, Jabalpur, Noamundi (Ranchi), Goa and Udaipur. The best performers under each of the category were felicitated with award and an appreciation letter.

### Nagpur Regional Office

A Training-cum-Workshop on the theme, 'Swachhhta Se Satat Vikas' was organised under the auspices of Nagpur Regional office at Chandrapur on 17 March, 2018. The Workshop's objectives were to create awareness among the representatives of Mining Industry regarding cleanliness in mines and their surroundings. Shri Arun Prasad, RCOM, Nagpur Regional office, IBM presided. In his address, he stressed on the role of Mining Industry in cleanliness of mines and its surrounding areas. He briefed about the points to be covered under



Swachh Bharat Mission. Dr G.O. Kamde, DMO, Chandrapur and Shri Arun Deoras were the chief guests. Shri Kewal Krishan, SMG (NR) coordinated for the event. A Nukkad Natak was also organised.

### Swachhta Abhiyan

In Goa, IBM Regional office observed the Swachhhta Abhiyan organising Awareness camp in schools between 26 Feb, 2018 and 1 March, 2018. An Awareness camp was organised at Gujarati Samaj Educational Trust for Handicap & Special Student School, Margao on 26 Feb. Shri Prem Prakash, DCOM gave an introduction on the theme, Swachhhta Mission and objectives of the programme. While, Shivdas Desai of Mineral Foundation of Goa briefed the students on "Swachh Bharat-Swachh Bharat". He explained the segregation of degradable and biodegradable wastes and stressed on the importance of proper waste management.

On the occasion, Dr Y.G. Kale, RCOM apprised the students and teachers about the Swachh Bharat Mission and the initiatives of Government of India. Shri Mukesh Saglani,

IBM offices/P11

## TECHNICAL UPDATES

### Beneficiation on Molybdenite borehole sample

A Molybdenite bore hole drill core cut sample from Marudipatti central block Dharmapuri district, Tamil Nadu was received through M/s Mineral Exploration Corp. Ltd, Nagpur for conducting bench scale beneficiation studies at the Modern Mineral Processing Laboratory and Pilot Plant of Indian Bureau of Mines, Nagpur. The objective of the investigation was to explore the possibility of beneficiation of Molybdenite ore sample to meet the specifications of end user industries.

The as received sample assayed 0.0284% Mo, 0.031% Pb, 0.004% Cu, 0.012% Zn, 0.23% S(T), 6.144% Fe<sub>2</sub>O<sub>3</sub>, 57.118% SiO<sub>2</sub>, 11.849% Al<sub>2</sub>O<sub>3</sub>, 6.05% CaO, 2.37% MgO, 0.252% P<sub>2</sub>O<sub>5</sub>,

5.537% Na<sub>2</sub>O, 0.046% Cl, 0.975% K<sub>2</sub>O, 0.052% BaO and 7.876% LOI.

Mineralogical studies of the as received sample indicated that the sample contains Molybdenite in very minor amount. Galena, Sphalerite, Chalcopyrite, Pyrite, Arsenopyrite, Carbonates (dolomite, calcite), Quartz, Feldspar, Amphibole etc. are also present in the sample.

Flotation-cum-Gravity separation process yielded a Molybdenite concentrate assaying 40.74% Mo, 1.41% Pb, 4.23% Cu & 0.61Zn with Mo recovery of 23.79 percent and weight percent yield 0.017. Whereas the V Cleaner concentrate assayed 28.83% Mo 1.17 % Pb, 3.40% Cu & 0.62% Zn with Mo recovery of 43.58 percent and weight percent yield of



0.044. The grade and recovery of Molybdenite could not be enhanced further due to interlocking of fine silicate grains with molybdenite mineral as well as presence of free carbonates in the concentrate product.

### Beneficiation on Iron Ore sample

An iron ore sample designated as (BMQ-2, OBS-3, 4, 5) from Yerabali block, Karimnagar district, Telangana was received from Geological Survey of India, Southern Region at the Modern Mineral Processing Laboratory and Pilot Plant, Indian Bureau of Mines, Nagpur for bench scale beneficiation studies with an objective to produce an iron concentrate suitable for end industrial use.

The as received sample assayed, 43.54% Fe(T), 7.23% FeO, 33.70% SiO<sub>2</sub>, 0.74% Al<sub>2</sub>O<sub>3</sub>, 0.066% TiO<sub>2</sub>, 0.066% CaO, 0.50% MgO, 0.57% Na<sub>2</sub>O, 0.09% K<sub>2</sub>O, 0.022% P, 0.097% Mn and 0.45% LOI. Tabling on as-received sample ground to all -100 mesh size followed by Multi-Gravity Separation on T. Tails could yield a composite concentrate assaying 65.71% Fe(T), 10.76% FeO, 2.48% SiO<sub>2</sub>, and 0.46% Al<sub>2</sub>O<sub>3</sub> with Fe(T) recovery of 93.6% and weight percent yield of 62.0.

By simple gravity separation beneficiation process flow sheet could yield a concentrate with high grade and recovery that may find suitable industrial use.

### Beneficiation study on Copper bearing Garnetiferous Mica Schist



A Copper bearing Garnetiferous Mica Schist sample from Kamalpura block, District-Bhilwara, collected by GSI as a part of G-2 exploration was sent at Regional Mineral Processing Laboratory, Indian Bureau of Mines, Ajmer, for bench scale beneficiation studies. The aim of bench scale beneficiation study was to evolve a process flow sheet producing a copper concentrate assaying more than 18% Cu with maximum possible recovery.

The "as received" sample assayed 0.27% Cu, 13.95% Fe(T), 3.62% FeO, 51.96% SiO<sub>2</sub>, 9.90% Al<sub>2</sub>O<sub>3</sub>, 83.10% Al, 1.88% CaO, 9.99% MgO, 0.89% S(T), 0.29% TiO<sub>2</sub>, 0.37% Na<sub>2</sub>O, 0.44% K<sub>2</sub>O, 0.04% Mn, 0.35% Graphitic carbon and traces of Sn. Chalcopyrite is the only copper bearing mineral. Garnet is major

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**A final concentrate under optimum conditions assayed 23.05% Cu with 79.73% Cu recovery. It has potential to produce a metallurgical grade concentrate.**

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gangue mineral present in the sample. By employing Flotation test, produced a copper concentrate assaying 22.18% Cu, with 81.26% copper recovery (Wt% yield 1.0).

The final result confirms that although the Garnetiferous Copper bearing sample from Kamalpura block, Bhilwara (Rajasthan) deposit is a very low grade in comparison to most of the operating copper mines around the world, it has potential to produce a metallurgical grade concentrate. However, weight percent yield is around 1% only.

A final concentrate under optimum conditions assayed 23.05% Cu with 79.73% Cu recovery.



Shri Ranjan Sahai, then CG, IBM speaking at the Training Programme on Ore, Minerals and Environment Samples held at the MMPL & Pilot Plant at Hingna in Nagpur. Smt. Indira Ravindran, Director, MP Division and others are seen. (right) The participants at the Training programme.

## Training programme on Ore, Minerals & Environmental samples held

The Training Centre in association with the Mineral Processing Division organised a training programme on “Chemical analysis of Ore and Minerals, Environment Samples for Officers of state DGMs and Industry Personnel” at the Modern Mineral Processing Laboratory & Pilot Plant of IBM at Hingna on 22-23 February, 2018.

Shri Ranjan Sahai, then Contoller General, IBM inaugurated the two-day training. Smt. Indira Ravindran, Director (OD), MP Division presided over the programme. The training was divided in two technical sessions in which four lectures were imparted which are as follows:

1. “Facilities and Capabilities of M.P. Division in the field of Mineral Characterisation, Mineral Beneficiation and Chemical/ Environmental Analysis” by Dr (Mrs.) S.M. Lal, CODO.

2. “Analysis of Environmental Samples” by Dr A.N. Verma, Sr. Chemist.

3. “Capacity Development for successful implementation of sustainable development Goals (SDG) in the field of Chemical Analysis of ores and minerals” by Shri P.W. Diwe, Chemist.

4. “Chemical Analysis of ores and minerals by Wet Classical Techniques” by Shri P.W. Diwe, Chemist.

On second day, the following technical lectures were organised:

1. “Chemical Analysis of Ores and Minerals by XRF Techniques by Shri N.M. Bhave, Chemist.

2. “An introduction to ICPA Techniques with respect to chemical analysis of Ores and Minerals.” By Dr Mrs. Jyoti Shrivastava, Chemist.

Shri R.V. Saoji and Shri K.N. Hirekhan, Assistant Chemists, demonstrated XRF, ICPA, AAS and Wet Classical and Environmental Lab, respectively.

### Valedictory

The Valedictory of the training programme was held on 23 Feb, 2018. Smt. Indira Ravindran was the chief guest for the valedictory function, while Dr (Mrs) Sandhya Lal, CODO, IBM presided over the event. The chief guest distributed the certificates to all the participants, who expressed their satisfaction regarding the content of the training. Shri P.W. Diwe, Chemist was the Course Director, while Smt. S.D. Tijare, Asstt. Chemist was the Course Coordinator.

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Chairman of the trust spoke. Swatchhta Kits carrying necessary items of personal hygiene were given to the students in a plastic-free bags stitched by the women from Self Help Groups in Goa. A similar programme was organised at Government High School, Davorlim, Margao, Goa. Shri Vithoba Shirodkar, Vice-Principal of the School thanked the IBM for initiating such drive in the school.

A Swatcchta Awareness Camp was also organised at the IBM Colony in Goa. The employees carried out Cleanliness Drive inside the colony, while the staff of Minescape Mining Company presented a Skit, ‘Nukkad Natak’ on Cleanliness and Hygiene in surroundings. Dr Y.G. Kale, Shri Prem Prakash were present.

## SHIVAJI JAYANTI



Shri Shivaji Maharaj Jayanti Utsav Samiti, IBM celebrated the birth anniversary of Chatrapati Shivaji Maharaj on 20 February, 2018. Dr Prasad Deshpande (centre) was the chief guest, while Shri Ranjan Sahai presided. In his address, Dr Deshpande touched upon various facets of Shivaji Maharaj. The retiring employees of the Samiti were honoured on the occasion.

## PEEK INTO HISTORY

# SDF: A beginning at National Mineral Convention 1981

The National Mineral Policy 2008 lays enormous emphasis on the Sustainable Development Framework (SDF) prepared with the expertise and experience of Indian Bureau of Mines (IBM). The foundation for the concept was laid from the information drawn from deliberations in National and International Symposiums and Mineral Conventions. The foremost of such events was the National Mineral Convention of 1981 held in New Delhi during 16-18 February, which provided food for thought for environment and tackling the issues associated with mining.

On 16 February, 1981, Shri Pranab Mukherjee, Hon'ble former President of India who was then Union Minister of Commerce, Steel & Mines released the IBM's latest publication, "Elements of Mineral Exploration" at the National Mineral Convention organised under the auspices of Federation of Indian Mineral Industries (FIMI). In his address, Shri Mukherjee referred to the phenomenal increase in consumption of minerals over the years and called for intensification of search for new mineral deposits. "To balance properly the need for minerals of the present generation and those of future and tackles problems of environment and ecology in future shall be the salient features of the future mineral policy," he told in his keynote address at the event.

He said environment issues were not that acute in India as in other advanced countries. However, he desired that the problems of



Shri Pranab Mukherjee, Hon'ble former President of India and then Union Minister of Commerce, Steel & Mines presenting the first copy of the publication, "Elements of Mineral Exploration" to N.A. Baldota, then President of FIMI during the National Mineral Convention of 1981. Shri D.N. Bhargava, then Controller of IBM is seen. (Image source: IBM News Archives)

environment and ecology be tackled in a far-seeing manner, and all new mining and metallurgical projects planned accordingly. Shri Mukherjee also announced that the Government proposes to assign to IBM the additional responsibility of looking into such environmental problems of mining, and bring them to the notice of Government. He also emphasised the need for evolving appropriate technology for the beneficiation and utilisation of low grade deposits. He expressed his happiness over the IBM's efforts to provide suitable literature for the mineral sector.

"In the past decade, IBM has brought out many useful publications concerning mining and geology which have been well received by the industry," he said.

On the occasion, Shri Mukherjee presented the first copy of the publication, "Elements of Mineral Exploration" to N.A. Baldota, then President of FIMI and Director of Baldota group which runs the MSPL mines. The Mineral Convention saw presentation of over 60 technical papers concerning mining and mineral industry, including those from then Mines Secretary, Shri C.S. Swaminathan and Shri D.N. Bhargava, then Controller of IBM.

## Threshold Value of Minerals: National level Workshop holds deliberations

In the last leg of its series of workshops to gather stakeholders' view on proposed threshold value of minerals, Indian Bureau of Mines (IBM) organised a National level workshop on 7 March, 2018 at IBM Headquarters in Nagpur. Shri Ranjan Sahai, then CG, IBM inaugurated the workshop. The meet served as a platform to seek final views of the stakeholders.

Senior executives from Mining and Mineral Industry, representatives from State and Central PSUs, Regional and Zonal Heads and other senior officers of IBM attended the workshop. IBM proposes to review the

threshold values of 11 major minerals (viz. Apatite & Rock Phosphate, Bauxite, Chromite, Fluorite, Graphite, Iron Ore, Kyanite, Limestone, Manganese, Magnesite and Wollastonite).

Meanwhile, the 1st meeting of internal members of Core Committee on Threshold Values of Minerals was held on 4 Jan 2018 and the 3rd meeting on 13 Feb, 2018 under the chairmanship of Smt. Indira Ravindran, Director (OD) & Chairperson of the Core Committee. An 11-member Core Committee has proposed the threshold value of minerals which would be notified soon.

### Royalty Rates

Meanwhile, Ministry of Mines has constituted a study group for review of Royalty rates of various minerals on 9 Feb, 2018. Shri Ranjan Sahai, then CG, IBM and Dr P.K. Jain, Chief Mineral Economist attended the first meeting of the Group held under the chairmanship of Dr Rajeshwar Rao, Additional Secretary (Mines) on 13 March, 2018 at New Delhi. Subsequently, draft composition of different subgroups for important minerals was sent to the Ministry.



Shri B.L. Gurjar, RCOM, Raipur cutting the ribbon to flag off the MEMC Week held under auspices of the Raipur Regional office.

## MEMC Week celebrated in IBM Offices

The Indian Bureau of Mines under the jurisdiction of its various regional and zonal offices organised Mines Environment and Mineral Conservation (MEMC) Week during the last quarter. The Raipur Regional office inaugurated the MEMC Week flagging off an inspection team to various mines at its premises in Raipur on 7 Jan, 2018.

The week-long celebration concluded on 17 Feb, 2018 in the presence of then Controller General Shri Ranjan Sahai. Prizes were distributed to the winners under various categories. An exhibition highlighting

sustainable development and CSR activities was organised and a souvenir released on the occasion.

Sondadih Limestone Mines of Nuvaco hosted the function. Shri B.L. Gurjar, RCOM and representatives from NMDC, BSP, ACC, Ultratech, Jayaswal Neco and Ambuja were present.

Similarly, MEMC week was celebrated under Ajmer office jurisdiction during 3-9 Jan, 2018 and at Ranchi office during 8-14 Jan, 2018. About 46 mines participated at MEMC events in Ranchi.

## 26th Annual Sports meet held

The 26th Annual Sports meet of IBM employees was organised at Railway Officers Club, South Central Railway in Secunderabad during 7-9 February, 2018. Shri Ranjan Sahai, then CG, IBM inaugurated the sports tournament with hoisting the flag. Shri Arjun Mundiya, PCME & President of South Central Railway Sports Association and Shri B.R.V. Susheel Kumar, Director, DMG, Telangana attended the inaugural programme as guest of honour.

Shri Pankaj Kulshrestha, Controller of Mines & Organising Secretary, 26th IBM Sports Meet and Shri Manish Maindiratta, DCOM & Chief Coordinator of the Sports meet and other senior officers of IBM were present. Shri Ranjan Sahai gave away the awards during the valedictory.



IBM employees taking out a parade at the 26th Annual Sports held in Secunderabad.



The participants at the International Women's Day celebration held at the IBM HQ in Nagpur. Smt. Smartana Patil, Deputy Commissioner of Police, (Special Branch), Nagpur, lighting the lamp to inaugurate the International Women's Day programme.



## International Women's Day celebrated

The Indian Bureau of Mines observed the International Women's Day with zeal and enthusiasm at its Headquarters in Nagpur on 8 March, 2018. Smt. Smartana Patil, Deputy Commissioner of Police (Special Branch), Nagpur was the chief guest, while Smt. Jayashree Chabrani, Managing Director of Eminence Arts and Education Pvt Ltd was the guest of honour.

In her address, Smt. Smartana Patil stressed on the importance of empowerment of women in all the fields and said the society has a responsibility to provide a safe environment to children and women. While, Smt Jayashree Chabrani called for education of the girl child as a foremost priority of the society and appreciated the modern women for breaking the shackles

of the past and advancement made in different fields. Smt. Pratibha Sahai was special invitee. Shri Ranjan Sahai, then CG, IBM presided.

Smt. Indira Ravindran, Director, MP Division, Dr. Sandhya Lal, CODO and President of IBM's Women's Day Celebration Committee and others were present.

# हिन्दी अनुभाग



भारतीय खान ब्यूरो मुख्यालय में 12 मार्च 2017 को आयोजित एक पूर्ण दिवसीय हिंदी कार्यशाला में उपस्थितों को संबोधित करते व्यख्याता. (दाएं) गोवा क्षेत्रीय कार्यालय में 23 मार्च 2018 को पूर्ण दिवसीय राजभाषा हिंदी कार्यशाला में हिंदी कवि श्री अभय सुराना हिंदी की खूबियों पर प्रकाश डालते हुये तथा मंच पर उपस्थित डॉ. वाई. जी. काले, क्षेत्रीय खान नियंत्रक, श्री प्रेम प्रकाश, उप खान नियंत्रक तथा हिंदी सम्पर्क अधिकारी तथा श्री सुरेश प्रसाद, उप खान नियंत्रक.

## हिन्दी कार्यशाला का आयोजन

दैनंदिन कार्य में हिंदी के उपयोग का बढ़ाने के उद्देश्य से भारतीय खान ब्यूरो के विभिन्न कार्यालयों में समय-समय पर हिन्दी कार्यशालाओं का आयोजन किया जाता है.

**भारतीय खान ब्यूरो मुख्यालय** – भारत सरकार की राजभाषा नीति के कार्यान्वयन एवं हिंदी के प्रचार-प्रचार के उद्देश्य से भारतीय खान ब्यूरो मुख्यालय में 12 मार्च 2018 को अधिकारियों एवं कर्मचारियों के लिए एक पूर्ण दिवसीय हिन्दी कार्यशाला का आयोजन किया गया. जिसमें कुल 29 अधिकारियों एवं कर्मचारियों ने भाग लिया.

कार्यशाला में वेस्टर्न कोल फिल्ड लिमिटेड एवं महालेखाकार कार्यालय के व्याख्याताओं ने अलग – अलग विषयों पर अपने व्याख्यान दिए. अपने व्याख्यान में श्री सिंह ने दैनंदिन प्रयोग में आने वाले वाक्यों तथा कार्यालयीन कार्य में आने वाली छोटी-छोटी कठिनाइयों पर चर्चा की. जबकि श्री सतीश दुबे ने हिन्दी के प्रति हमारी नैतिकता व दायित्व पर प्रकाश डालते हुए प्रतिभागियों को हिन्दी संबंधी काफी रोचक जानकारी दी. साथ ही उन्होंने प्रतिभागियों से हिन्दी ज्ञान से संबंधित अभ्यास भी कराया. कार्यशाला में सभी प्रतिभागियों ने उत्साहपूर्वक भाग लिया.

**देहरादून क्षेत्रीय कार्यालय** – भारतीय खान ब्यूरो के देहरादून क्षेत्रीय कार्यालय में 19 मार्च 2018 को एक दिवसीय हिन्दी कार्यशाला का आयोजन किया गया. कार्यशाला का शुभारंभ मुख्य अतिथि के तौर पर उपस्थित दून स्कूल के हिन्दी प्राध्यापक डा.अरविंद नाथ शुक्ल के हस्ते किया गया. आशुलिपिक ग्रेड-1 श्री नन्दनसिंह ने पुष्पगुच्छ देकर डा.नाथ का स्वागत किया. सहायक खनन भूवैज्ञानिक एवं हिन्दी संपर्क अधिकारी श्री शैलेन्द्र सकलानी ने कार्यालय की गतिविधियों एवं देहरादून कार्यालय में हिन्दी में किए जा रहे कार्यों की संक्षिप्त जानकारी दी. मुख्य अतिथि ने हिन्दी कार्यशालाओं की उपयोगिता बताई. उन्होंने कहा कि फाइल नोटिंग, पत्र लेखन, ड्रापिंग आदि की जानकारी होने से हमें रोजमर्रा के कार्य में आसानी हो जाती है. उक्त कार्यशाला में कार्यालय के सर्वश्री नन्दनसिंह, आशुलिपिक ग्रेड-1 वीरेन्द्र

कुमार, अधीक्षक श्री कुमार चंदेल, अधीक्षक श्री मुरलीधर तिवारी, उच्च श्रेणी लिपिक संजय गुप्ता, सहायक भांडारपाल (तकनीकी) श्री ओमप्रकाश, एमटीएस श्री अर्जुनसिंह ने भाग लिया.

समापन अवसर पर सहायक खनन भूवैज्ञानिक श्री शैलेन्द्र सकलानी ने कहा कि ऐसी कार्यशालाएं कर्मचारियों के लिए बेहद उपयोगी साबित होती हैं. कार्यशाला के संयोजक श्री नन्दनसिंह ने कार्यशाला को सफल बनाने में सभी के प्रयासों की सराहना की.

**उदयपुर क्षेत्रीय कार्यालय** – भारतीय खान ब्यूरो के उदयपुर क्षेत्रीय कार्यालय में 23 मार्च 2018 को एक दिवसीय हिन्दी कार्यशाला का आयोजन किया गया. कार्यशाला का उद्घाटन खान नियंत्रक (उत्तर जोन) श्री तपन कुमार ने दीप प्रज्वलन कर किया. समारोह की अध्यक्षता करते हुए उन्होंने बताया कि उदयपुर कार्यालय को हिन्दी क्षेत्र में उत्कृष्ट कार्य करने हेतु राष्ट्रीय स्तर का तृतीय पुरस्कार राजस्थान के राज्यपाल माननीय श्री कल्याण सिंह द्वारा प्रदान किया गया है.

उद्घाटन समारोह के पश्चात भारतीय खान ब्यूरो के उप खान नियंत्रक श्री के.के.टारडिया ने सरकारी कामकाज में सहज व सरल हिन्दी का प्रयोग विषय पर व्याख्यान दिया तथा इस संबंध में भारत सरकार द्वारा जारी किए गए निर्देशों की जानकारी दी.

हिन्दी संपर्क अधिकारी व वरिष्ठ सांख्यिकी अधिकारी श्रीमती नीता कोठारी ने राजभाषा के प्रगामी प्रयोग की जानकारी विषयक व्याख्यान देते हुए पूर्व में हिन्दी के क्षेत्र में किए गए कार्यों की जानकारी प्रस्तुत की तथा आगामी वर्ष में हिन्दी के प्रगामी प्रयोग के सफल क्रियान्वयन की रूपरेखा प्रस्तुत की.

समारोह का संचालन कनिष्ठ सांख्यिकी अधिकारी श्री अक्षत याज्ञनिक ने किया तथा धन्यवाद ज्ञापन अधीक्षक श्री सम्पत लाल ने प्रस्तुत किया.

**बंगलूरु क्षेत्रीय कार्यालय** – भारत सरकार की नीति एवं वार्षिक कार्यक्रम अनुसार बंगलूरु के आंचलिक कार्यालय, क्षेत्रीय कार्यालय एवं क्षेत्रीय खनिज प्रसंस्करण प्रयोगशाला के संयुक्त तत्वावधान में एक पूर्ण दिवसीय हिन्दी कार्यशाला का आयोजन किया गया. हिन्दी कार्यशाला का विधिवत उद्घाटन 27 मार्च 2018 को खान नियंत्रक (द.अ.) श्री जे.आर.चौधरी के कर-कमलों

से किया गया. इस अवसर पर श्री जे.आर.चौधरी ने कहा कि भारत एक बहुभाषी देश है एवं देश में लगभग 1500 बोलियां बोली जाती हैं. हर भाषा सीखना मनुष्य के बस में नहीं इसी वजह से सरकारी कामकाज में एकरूपता लाने के उद्देश्य से हिन्दी को राजभाषा का दर्जा दिया गया है. उन्होंने आगे कहा कि ऐसी कार्यशालाओं का उद्देश्य हिन्दी में कार्य अभ्यास करवाना है ताकी सभी कर्मचारी हिन्दी में आसानी से काम कर सकें.

कार्यशाला के दूसरे सत्र में कनिष्ठ सांख्यिकी अधिकारी श्री गगन चौरसिया ने हिन्दी का अक्षर ज्ञान एवं सरल हिन्दी के प्रयोग की जानकारी दी. जबकि हिन्दी अनुवादक श्री आशीष घोषाल ने टिप्पणी व प्रारूप में उपयुक्त पारिभाषिक एवं तकनीकी शब्दावली का मौखिक एवं लिखने का अभ्यास करवाया. तत्पश्चात उच्च श्रेणी लिपिक श्री विद्यानंद द्वारा सरल कार्यालयीन हिन्दी वाक्य रचना का अभ्यास कराया गया. कार्यशाला के अंतिम सत्र में ब्यूरो के रसायन प्रयोगशाला में उपलब्ध सुविधाएं एवं हिन्दी का प्रयोग विषय पर वरिष्ठ रसायनज्ञ ने जानकारी दी.

कार्यशाला के समापन अवसर पर खान नियंत्रक ने संघ सरकार की राजभाषा नीति, अधिनियम एवं नियमावली के बारे में विस्तृत जानकारी दी.

कार्यशाला के सफलतापूर्वक सहायक खनन अभियंता श्री पी.अश्वनी कुमार एवं आशुलिपिक ग्रेड-1 श्री कृष्ण कुमार ने प्रयास किया.

हिन्दी कार्यशाला का समापन कनिष्ठ सांख्यिकी अधिकारी श्री विश्वेश्वर शर्मा के धन्यवाद ज्ञापन के साथ हुआ.

**गोवा क्षेत्रीय कार्यालय** – राजभाषा नीति के क्रियान्वयन में 23 मार्च 2018 को एक पूर्ण दिवसीय राजभाषा हिन्दी कार्यशाला का आयोजन गोवा क्षेत्रीय कार्यालय में किया गया. इस कार्यशाला में कुल पांच पाठ आयोजित किए गए. उद्घाटन समारोह के मुख्य अतिथि बैंक आफ बड़ौदा के प्रबंधक (राजभाषा) श्री सुशांत गणवीर थे जबकि कार्यक्रम की अध्यक्षता क्षेत्रीय खान नियंत्रक डा.वाय.जी. काले ने की. हिन्दी संपर्क अधिकारी उप खान नियंत्रक श्री प्रेम प्रकाश ने अपने स्वागत भाषण में कार्यालय की विभिन्न हिन्दी गतिविधियों का उल्लेख किया. उन्होंने हिन्दी कार्यशालाओं से



श्री पी.एल.मसराम

भारतीय खान ब्यूरो के प्रकाशन अनुभाग में वरिष्ठ तकनीकी पद पर कार्यरत श्री पी.एल.मसराम को मुंबई विश्वविद्यालय के संचार एवं पत्रकारिता विभाग की ओर से पी.एच.डी. की डिग्री प्रदान की गई. श्री पी.एल.मसराम ने अपना शोध प्रबंध "मास मीडिया एंड ट्राइबल ट्रान्सफारमेशन वीथ स्पेशल रेफरन्स टू गॉड कम्युनिटी इन गढ़चिरोली तहसील ऑफ महाराष्ट्र" पर पूरा किया. श्री मसराम ने अपना यह शोध निबंध प्रो.डा.सुंदर राजदीप, संचार एवं पत्रकारिता विभाग, मुंबई के मार्गदर्शन में पूरा किया. श्री मसराम ने स्नातकोत्तर एम.एस.सी (वनस्पति विज्ञान) तथा एम. फिल जनसंवाद एवं पत्रकारिता में किया है।

## भारतीय खान ब्यूरो के हिन्दी कार्यों का विवरण

भारतीय खान ब्यूरो का हिन्दी अनुभाग सरकारी कामकाज में हिन्दी को अधिक उपयोग में लाने के लिए हमेशा प्रयासरत रहा है. जनवरी 2018 से मार्च 2018 के दौरान हिन्दी अनुभाग द्वारा विभिन्न गतिविधियों का आयोजन किया गया.

**तकनीकी एवं प्रशासनिक पत्रों का अनुवाद कार्य** – मुख्यालय स्थित प्रभागों/अनुभागों से अनुवाद हेतु करीब 90 पृष्ठों की प्राप्त सामग्री/पत्रों/दस्तावेजों का अनुवाद कार्य यथासमय प्रस्तुत किया गया. इसमें अराजपत्रित अनुभाग, भारतीय खान ब्यूरो, नागपुर से प्राप्त भर्ती नियम से संबंधित 60 पृष्ठों की सामग्री प्रमुख है. इन सामग्रियों का हिंदी टंकण कार्य भी किया गया.

**राजभाषा कार्यान्वयन संबंधी निरीक्षण** – मुख्यालय के चार प्रभाग/अनुभाग तथा नागपुर क्षेत्रीय कार्यालय, खनिज प्रसंस्करण विभाग, हिंगणा नागपुर, खान नियंत्रक (मध्य) कार्यालय तथा लेखा अनुभाग, भारतीय खान ब्यूरो, नागपुर का राजभाषा कार्यान्वयन संबंधी निरीक्षण किया गया.

### सेवानिवृत्ति



भारतीय खान ब्यूरो, मुख्यालय से सेवानिवृत्त होने वाले अधिकारियों/कर्मचारियों को स्मृति चिह्न एवं पुष्पगुच्छ देकर उनकी सेवा के लिए सम्मानित करते महानियंत्रक श्री रंजन सहाय, कार्यालय अध्यक्ष कैप्टन चौधरी तथा मुख्य खनिज अर्थशास्त्री डा.पी.के.जैन. मार्च 2018 में समाप्त तिमाही में क्रमशः मुख्य खान नियंत्रक श्री एस.टियु, वरिष्ठ तकनीकी सहायक(प्रकाशन) श्री रमेश धाबेकर, अधीक्षक श्री प्रकाश झाडे, एमटीएस श्री बी.एम.गजभिये सेवानिवृत्त हुए.

# गोवा को मिला प्रथम पुरस्कार

भारतीय खान ब्यूरो के गोवा क्षेत्रीय कार्यालय को वर्ष 2016-17 में हिन्दी में उत्कृष्ट कार्य निष्पादन के लिये राजभाषा विभाग, गृह मंत्रालय, भारत सरकार द्वारा 'ग' क्षेत्र में कार्यालय श्रेणी में प्रथम पुरस्कार प्रदान किया गया. यह पुरस्कार 12 जनवरी 2018 को मुंबई में संपन्न पश्चिम तथा मध्य क्षेत्रों के राजभाषा सम्मेलन में महाराष्ट्र राज्य के राज्यपाल माननीय श्री सी. विद्यासागर राव के करकमलो से क्षेत्रीय खान नियंत्रक डॉ योगेश काले ने प्राप्त किया. इस अवसर पर भांडारपाल (तकनीकी) श्री भारत जाम्बवलीकर तथा उप खान नियंत्रक एवं हिन्दी संपर्क अधिकारी श्री प्रेम प्रकाश ने प्रशस्ति प्रमाणपत्र प्राप्त किया. उल्लेखनीय है कि गोवा क्षेत्रीय कार्यालय को प्रथम पुरस्कार लगातार तीसरी बार प्राप्त हुआ है. डा.योगेश काले मडगांव राजभाषा कार्यान्वयन समिति के अध्यक्ष हैं तथा वे अपने दायित्व का निर्वहन पूरी तरह करते आ रहे हैं. सम्मेलन में राजभाषा विभाग, गृह मंत्रालय के सचिव श्री प्रभास कुमार झा, राजभाषा विभाग के संयुक्त सचिव डा. विपिन बिहारी एवं अन्य वरिष्ठ अधिकारी उपस्थित थे.

पुरस्कार प्राप्ति पर महानियंत्रक श्री रंजन सहाय तथा अन्य वरिष्ठ अधिकारियों ने गोवा क्षेत्रीय कार्यालय को बधाई दी.



मुंबई में आयोजित मध्य तथा पश्चिम क्षेत्रों के राजभाषा सम्मेलन में वर्ष 2016-2017 के दौरान भारत सरकार गृह मंत्रालय राजभाषा विभाग की ओर से महाराष्ट्र राज्य के माननीय राज्यपाल सी. विद्यासागर राव के करकमलो से प्रथम राजभाषा पुरस्कार स्वरूप शील प्राप्त करते हुए क्षेत्रीय खान नियंत्रक एवं कार्यालय प्रमुख डॉ. वाई. जी. काले.

**हिन्दी पारंगत प्रशिक्षण कक्षा** – हिन्दी शिक्षण योजना, नागपुर के अंतर्गत जनवरी, 2018 से मई, 2018 सत्र की हिंदी पारंगत प्रशिक्षण कक्षा भारतीय खान ब्यूरो में आयोजित की गई. उक्त प्रशिक्षण में 53 अधिकारियों एवं कर्मचारियों को नामित किया गया. ये कक्षाएं मई, 2018 तक चली. उक्त हिंदी पारंगत प्रशिक्षण की मई, 2018 में होने वाली परीक्षा भारतीय खान ब्यूरो, नागपुर में ही आयोजित की गई.

**हिंदी टंकण प्रशिक्षण कक्षा का आयोजन** – भारतीय खान ब्यूरो (मुख्यालय), नागपुर में फरवरी, 2018 से जुलाई, 2018 सत्र के लिए हिंदी टंकण प्रशिक्षण कक्षा प्रारंभ की गई. उक्त टंकण प्रशिक्षण हेतु कार्यालय के 15 कर्मिकों को नामित किया गया. ये कक्षाएं जुलाई, 2018 तक जारी रही. जुलाई, 2018 में भारतीय खान ब्यूरो (मुख्यालय), नागपुर में परीक्षा आयोजित की गई.

## ‘प्रयास’ का विमोचन



खनिज दिवस के अवसर पर गोवा क्षेत्रीय कार्यालय की गृह पत्रिका 'प्रयास' के ग्यारहवें अंक का विमोचन करते दक्षिण गोवा जिला की जिलाधिकारी तथा जिला दंडाधिकारी श्रीमती अंजली शेररावत, खान सुरक्षा निदेशक के गोवा क्षेत्रीय कार्यालय के निदेशक श्री बी. एल. मीणा, डॉ. वाई. जी. काले, क्षेत्रीय खान नियंत्रक तथा श्री प्रेम प्रकाश, उप खान नियंत्रक तथा हिंदी सम्पर्क अधिकारी.

## खनिज दिवस पर विभिन्न कार्यक्रमों का आयोजन

भारतीय खान ब्यूरो का स्थापना दिवस हर वर्ष 1 मार्च को खनिज दिवस के रूप में मनाया जाता है. इस अवसर पर भारतीय खान ब्यूरो मुख्यालय सहित क्षेत्रीय तथा उप-क्षेत्रीय कार्यालय में विभिन्न कार्यक्रमों का आयोजन किया जाता है.

**कोलकाता क्षेत्रीय कार्यालय**— कोलकाता क्षेत्रीय कार्यालय में खनिज दिवस 1 मार्च को हर्षोल्लास के साथ मनाया गया. भारतीय खान ब्यूरो के सेवानिवृत्त महानियंत्रक श्री एस.के.चौधुरी के हस्ते दीप प्रज्वलन कर खनिज दिवस का उद्घाटन किया गया. उद्घाटन के पश्चात कार्यालय की सुरक्षा में तैनात गार्ड तथा अन्य कर्मचारियों को खनिज दिवस के अवसर पर बैज पहनाया गया. क्षेत्रीय खनन भूविज्ञानी डा.सुनील कुमार झा ने आयोजन के संबंध में जानकारी दी.

इस अवसर पर अपने वक्तव्य में उप खान नियंत्रक श्री एल.एच. छांगटे ने भारतीय खान ब्यूरो के कोलकाता कार्यालय का इतिहास

बयान किया. उन्होंने कहा कि यह शाखा भारतीय खान ब्यूरो की सबसे प्राचीन शाखा है. तत्पश्चात योग गुरु श्री रतन दे, योगा सहायिका श्रीमती रुपा खतुआ, देवी देबनाथ, पापिया दास, अनीमा दास, अनीशा दास, अलीविया सोनकर, निवेदिता सोनकर की देखरेख में योगासन अभ्यास हुआ.

मध्याह्न भोजन के पश्चात स्वास्थ्य जांच शिविर का आयोजन किया गया. जिसमें डा.बिजय गारी तथा श्री शुभजीत दास द्वारा कार्यालय में उपस्थित सभी पदाधिकारियों के ब्लड प्रेशर, ब्लड शुगर तथा ई.सी.जी. की जांच की गई एवं डा.मृत्युंजय साहा, डी. एम.एस., एफ.डब्ल्यू.टी. (कोल) ने स्वास्थ्य परीक्षण कर खान-पान संबंधी आवश्यक निर्देश भी दिए. मुख्य अतिथि सहित अन्य आगंतुकों को स्मृति चिन्ह प्रदान किया गया. धन्यवाद ज्ञापन के साथ खनिज दिवस समारोह का समापन हुआ.

## विभागीय राजभाषा कार्यान्वयन समिति की 105वीं बैठक संपन्न

विभागीय राजभाषा कार्यान्वयन समिति की 105 वीं बैठक महानियंत्रक श्री रंजन सहाय की अध्यक्षता में 28 मार्च 2018 को उनके सभाकक्ष में संपन्न हुई. सर्वप्रथम राजभाषा अधिकारी डॉ. पी. के. जैन ने अध्यक्ष महोदय तथा समिति के अन्य सदस्यों का बैठक में स्वागत किया. सर्वप्रथम पिछले बैठक की कार्यवृत्त की पुष्टि एवं अनुवर्ती कार्यवाई पर चर्चा की गई. जिसमें सभी प्रभाग/अनुभाग को कार्यालय सहायिका पुस्तक उपलब्ध कराया जाना, हिंदी पारंगत एवं हिंदी टंकण प्रशिक्षण कक्षा के आयोजन, अखिल भारतीय राजभाषा तकनीकी सेमिनार का आयोजन, बैठक की कार्यसूची के अनुसार अन्य मुद्दों पर चर्चा, हिन्दी के रिक्त पदों को भरा जाना आदि विषयों पर चर्चा की गई.

बैठक में खनिज प्रसंस्करण विभाग की निदेशक श्रीमती इंदिरा रविन्द्रन, सर्वश्री खान नियंत्रक एस.टियू, क्षेत्रीय खान नियंत्रक

### पृष्ठ 14 से

सरकारी कामकाज में हिन्दी की हो रही प्रगति तथा हिन्दी क्षेत्र में कार्यालय को मिल रही उपलब्धियों की भी चर्चा की.

उन्होंने कार्यशाला के कार्यक्रम में सम्मिलित पाठों तथा राजभाषा दिशा निर्देश, शासकीय पत्राचार, सार्वजनिक आर्थिक प्रबंधन, खान संवर्णन योजना से संबंधित जानकारी एवं पत्राचार, हिंदी के विकास में हिंदी काव्यों का योगदान एवं काव्य पाठ आदि उपयोगी विषयों की जानकारी प्रतिभागियों को दी. श्री प्रेम प्रकाश ने प्रतिभागियों से हिंदी कार्यशाला में बढ़चढ़कर भाग लेने और संकायों से अपनी कठिनाइयों को बेहिचक बताने के लिए प्रोत्साहित किया. हिंदी कार्यशाला समारोह में उप खान नियंत्रक

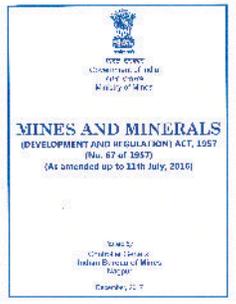
अरुण प्रसाद, क्षेत्रीय खान नियंत्रक अभय अग्रवाल, क्षेत्रीय खान नियंत्रक शैलेंद्र कुमार, क्षेत्रीय खान भूविज्ञानी पी.तिरु, उप खान नियंत्रक पुखराज नेनीवाल, कार्यालय अध्यक्ष कैप्टन एस.एस. चौधरी, वरिष्ठ खनन भूविज्ञानी यू.एल.गुप्ता, वरिष्ठ प्रशासन अधिकारी डी.के.स्वामी, वरिष्ठ सहायक खान नियंत्रक आशीष मिश्रा, सहायक खनिज अर्थशास्त्री सुनील कुमार शर्मा, सहायक अयस्क प्रसाधन अधिकारी अचिन्त गोयल, प्रशासन अधिकारी एन. डहंगा, प्रशासन अधिकारी दिनेश कुमार, प्रशासन अधिकारी संजय सिंह, हिन्दी अनुवादक असीम कुमार, आशुलिपिक ग्रेड-1 जगदीश अहरवार, हिन्दी अनुवादक किशोर डी.पारधी, हिन्दी टंकक प्रदीप कुमार सिन्हा उपस्थित थे. अंत में उप निदेशक (राजभाषा) श्री प्रमोद एस. सांगोले के धन्यवाद ज्ञापन के साथ बैठक समाप्त हुई.

श्री सुरेश प्रसाद ने हिंदी की अहमियत को उजागर करते हुए अपने विचार व्यक्त किए.

डा. काले ने अध्यक्षीय संबोधन में राजभाषा के रूप में हिन्दी के महत्व और योगदान पर विस्तार से प्रकाश डाला तथा कार्यालय की हिन्दी क्षेत्र में प्राप्त उपलब्धियों पर प्रकाश डाला. डा. काले ने मुख्यालय एवं महानियंत्रक के प्रति आभार व्यक्त करते हुए बताया कि गोवा कार्यालय की हिन्दी में उपलब्धियों को देखते हुए मुख्यालय द्वारा इस कार्यालय को 50 हजार की राशि मानदेय स्वरूप प्रदान की गई है.

कार्यशाला में कुल 2 अधिकारी तथा 12 कर्मचारियों ने भाग लिया.

## PUBLICATION CORNER

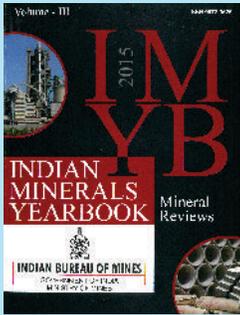


**Title:**  
MMDR Act, 1957  
(As amended up  
to 11th July, 2016)

**Date of release:**  
4/1/2018

**Title:**  
IMYB 2015 Vol. III

**Date of release:**  
9/1/2018



**Title:**  
Monthly Statistics  
of Mineral  
Production  
(June 2017)

**Date of release:**  
19/3/2018



## PERSONNEL NEWS

### Appointment

**Shri Vinood. S** as Asstt. Ore Dressing Officer  
w.e.f. 29.1.2018

### Retirements

**Shri Navneet Lal Roat** as ACOM w.e.f.  
28.2.2018

**Shri S.Tiu** as CCOM w.e.f. 31.3.2018

**Shri N.M. Dey** as Asstt. Mining Engineer  
w.e.f. 31.3.2018